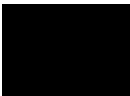


Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
EAA08	A-48	Various GM Vehicles (88-09)	AP	1.620	7.950	10.680				
EAA22	A-1	GM Vehicles (81-95), Nissan Pickups (86-89)	A	2.826	9.718	8.187				
EAA23	A-1	AMC (71-78), Chrysler Family of Cars (57-89), Dodge Light Trucks + Vans (71-03), Jeep w/V-8 Eng. (71-91) - A separate wrap is available (part # is 24700)	A	2.737	10.000	7.540				
EAA24	A-48	Ford Family of Trucks (87-98)	AP	1.713	5.856	12.864				
EAA25	A-1	GM Family of Cars and Trucks w/Diesel Eng.(78-85) - The wrapped version is 46096	A	4.056	13.875	11.625				
EAA29	A-48	Chrysler/Jeep/Mitsubishi (87-10), Chev Camaro Super Sport (96-97), Dodge (94-11)	AP	1.625	6.679	13.570				
EAA32	A-1	GM Family of Cars and Trucks (69-96) - A separate wrap is available (part # is 24706)	A	3.545	9.718	8.187				
EAA47	A-48	Chrysler Cars + Trucks (81-97), New Holland Loaders	AP	1.610	5.265	8.075				
EAA49	A-48	Ford/Mercury (85-10), Lincoln (86-11)	AP	1.835	7.568	11.269				
EAA51	A-1	Chevrolet/GMC Trucks, Vans (80-91) - The wrapped version is 46166	A	5.437	12.000	9.828				
EAA52	A-1	GM Family of Cars (68-85)	A	3.040	13.875	11.625				
EAA74	A-48	Infiniti (90-09), Nissan (81-12), Saab 9-2X (05-07), Subaru (90-09)	AP	1.380	6.610	11.070				
EAA82	A-48	Ford Cars & Trucks (85-96)	AP	1.594	5.285	10.808				
EAA83	A-48	GM Cars & Trucks (98-06)	AP	1.650	7.938	15.970				
EAA87	A-48	GM Family of Cars (86-01)	AP	1.623	6.060	7.625				
EAA88	A-48	Ford Cars/Trucks (86-00), Mazda Trucks (91-95)	AP	1.200	6.170	11.220				
EAA103	A-92	Ford Trucks w/7.3L Diesel (94-98)	AW	6.037	T-13.997 B-7.147	T-9.666 B-2.816				
EAA104	A-48	Jeep Grand Cherokee (93-04), Nissan (04-12), Infiniti (04-10), Suzuki Equator (09-12)	AP	1.455	9.607	11.355				
EAA111	A-112	Chevy, GMC Pickups (Standard)(96-00)	RSOA	11.122	6.488	T-CLOSED B-3.580				
EAA112	A-112	Chevy, GMC Pickups (Heavy Duty)(96-02)	RSOA	11.122	7.240	T-CLOSED B-3.580				
EAA118	A-48	Ford Pickup w/7.3L Diesel (99-00)	AP	2.360	7.040	13.380				
EAA122	A-48	Ford Cars & Trucks (97-11), Mazda Trucks (99-11)	AP	2.295	7.575	8.791				
EAA123	A-48	Cadillac (05-12), Chev/GM Trucks + SUVs (99-12) (Standard Version)	AP	2.365	9.720	12.250				
EAA124	A-48	Ford Family of Cars (96-99)	AP	1.574	7.106	10.016				
EAA127	A-48	Chrysler Family of Cars (98-04)	AP	1.499	7.030	9.518				
EAA128	A-48	GM Family of Cars (97-05)	AP	1.650	7.640	12.783				
EAA129	A-48	Ford Family of Cars (86-95), Various Caterpillar Equipment	AP	1.585	8.918	11.281				
EAA170	A-48	Dodge Caravan, Town & Country (01-10), Sebring, Avenger (07-10), VW Routan (09-11)	AP	1.674	8.444	9.330				
EAA176	A-48	Dodge Ram Series Pickup (02-12)	AP	1.884	9.400	13.780				
EAA189	A-48	Dodge Ram P/U w/ 5.9L Turbo Diesel (03-09) - Has 2" Pleat	AP	1.990	10.000	10.750				
EAA191	A-124	Ford Cars & Trucks (95-12)	A	7.811	T-5.133 B-8.134	T-CLOSED B-4.260				
EAA200	A-197	Ford/Lincoln Trks + SUVs w/ 5.4L Engine (04-09)	AP	1.413	8.500	11.300				
EAA202	A-48	Ford Taurus, Mercury Sable (00-06)	AP	2.334	7.105	10.016				
EAA203	A-112	Chev & GMC Vans (01-12)	RSOA	13.125	5.400	T-CLOSED B-3.320				
EAA204	A-112	Various GM SUVs (02-09), Isuzu Ascender (03-09), Saab 9-7X (06-09), Saturn Ion Red Line (04-07)	RSOA	8.000	5.980	T-CLOSED B-3.325				
EAA205	A-111	Lexus (92-04), Toyota (92-04)	AP	1.642	7.352	12.296				
EAA207	A-111	Geo Prizm (90-92), Lexus (90-91), Toyota (87-00)	AP	1.549	6.100	12.200				
EAA208	A-48	Audi (00-07), Volkswagen (98-12)	AP	1.969	7.283	14.050				
EAA209	A-48	Volvo (93-07)	AP	1.815	7.280	13.740				
EAA210	A-48	Ford T-Bird (02-05), Freestar (04-07), Lincoln LS, Jaguar (00-06), Mercury Monterey (04-07)	AP	1.791	6.520	12.268				
EAA211	A-48	Various Volvo Models (01-09)	AP	2.260	8.500	13.000				
EAA212	A-48	Chrysler Aspen (07-09), Dodge Durango (04-09)	AP	2.384	8.625	8.906				



TECHNICAL DATA

* A=Air Filter; AP=Air Filter Panel; AW=Air Filter with Wrap; RSOA=Radial Seal Outer Air
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

AMSOIL

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
EAA216	A-48	Chevrolet/GMC Trucks, Vans (93-02)	AP	2.150	7.938	15.970				
EAA217	A-112	Dodge Stratus (01-06), Chrysler Sebring (01-06)	RSA	6.250	4.965	T-CLOSED B-3.330				
EAA218	A-48	Ford Crown Victoria (03-11), Mercury Grand Marquis (7-11) Marauder (03-04)	AP	1.978	7.598	11.398				
EAA219	A-48	Chev Malibu (07-08), Pontiac G6 (05-10)	AP	1.700	7.070	11.570				
EAA220	A-48	Ford Freestar, 500, Mercury Montego (05-07)	AP	1.815	5.400	11.875				
EAA222	A-222	Ford Mustang w/ 5.4L (07-09)	AP	2.300	9.213	10.000				
EAA224	A-48	Ford Fusion, Mercury Milan, (06-12) Lincoln Zephyr V6 3.0L (2006)	AP	1.960	6.250	8.500				
EAA225	A-48	Ford Fusion (06-12), Mercury Milan (06-11)L4 2.3L , Mazda 6 (09-12)	AP	1.610	6.250	10.650				
EAA227	A-191	Ford Super Duty PU w/ V10 6.8L Engine (05-07)	AP	2.795	6.792	14.682				
EAA228	A-48	Ford Explorer, Merc Mountaineer w/ 4.6L (06-10)	AP	1.300	8.125	15.250				
EAA229	A-5	Acura RSX (02-06), Honda CRV (02-06), Element (03-06)	A	6.850	5.472	3.228				
EAA232	A-111	Honda Accord 3.0L (03-05)	AP	1.590	5.710	13.000				
EAA233	A-48	Volkswagen (92-02)	AP	2.285	8.975	10.550				
EAA234	A-194	Acura TSX (04-08), Honda Accord w/ 2.4L (03-07)	AP	1.732	5.925	13.386				
EAA239	A-48	Audi, VW (97-05), BMW (93-06)	AP	2.272	8.366	10.000				
EAA240	A-48	Various VW (06-12)	AP	1.500	5.080	17.000				
EAA289	A-124	Ford Mustang (94-04), Ford Contour V6 2.5L HO (98-00)	A	7.913	T-5.416 B-6.500	T-CLOSED B-3.232				
EAA419	A-137	Ford Explorer (96-98)	A	5.912	T-5.380 B-6.866	T-CLOSED B-3.260				
EAA484	A-48	Ford/Lincoln/Mercury SUV Models (02-10)	AP	2.330	7.125	11.500				
EAA728	A-48	Ford F-Series PU w/7.3L Diesel (99-00) - 2" Pleat (Can use EAA728 which has 3" pleat)	AP	2.295	7.229	13.351				
EAAR31	A-1	GM Family of Cars and Trucks (68-97) - a separate wrap is available (part # is 24704)	A	3.489	12.000	9.828				
P603577	A-187	Ford Super Duty F Series Pickup, Excursion w/ 6.0L Diesel Eng. (03-07) Can remove this corrugated style element + replace w/ 24490 air filter housing	PCA	10.730	T-13.125 B-7.875	T-10.500 B-6.25				
P611720	A-187	Chev/GMC Savana, Express Van w/ 6.6L Diesel (06-12)	PCA	6.307	T-10.999 B-5.944	T-9.750 B-4.75				
PCFH2	A-187	Hummer H2 (03-10)	PCA	7.230	T-11.050 B-6.400	T-9.750 B-4.750				

* A=Air Filter; AP=Air Filter Panel; RSA=Radial Seal Air Filter; PCA=Corrugated Style Air Filter

§ Housing gasket not packaged with filter – order separately.

Product Numerical Listings			Element Dimensions			Gasket Dimensions	
Part Number	Principal Application	Style*	Height ± .06	O.D. ± .03	Thread /I.D.	OD ± .02	ID ± .02
EA011	Ford/Lincoln/Mercury (91-12), Mazda (00-09), Cadillac STS-V, XLR-V (06-09)	spin-on	3.75	3.65	M22 x 1.5	2.81	2.42
EA015	Chrysler Family of Cars/Trucks (57-70), Ford Family of Cars/Trucks (57-00), Mazda Trucks (94-00), Toyota Landcruiser (71-96), various HD applications - (Two	spin-on	5.37	3.65	3/4 - 16 UNF	2.81	2.42
EA017	Ford, Lincoln, Mercury, Mazda (09-12)	spin-on	4.45	2.96	M22 x 1.5	2.76	2.39
EA018	Various Dodge, Jeep, Mitsubishi w/ 3.7L Engines (09-12), Various GM (11-12)	spin-on	4.45	2.96	M22 x 1.5	2.76	2.39
EA023	GM Cars + Trucks (80-05), Mercruiser, Volvo-Penta	spin-on	4.75	2.96	M18 x 1.5	2.76	2.39
EA024	Chevrolet/GMC Trucks (91-05), Hummer (93-06)	spin-on	5.37	3.67	13/16 -	3.46	3.08
EA026	Ford Trucks, Massey-Ferguson Tractors, Oliver Tractors, VW Eurovan (93-96)	spin-on	6.77	3.66	3/4 - 16 UNF	2.81	2.42
EA034	Ford/Lincoln/Mercury (81-09), Chrysler/Jeep/Mitsubishi (02-09), Various Mazda (94-12), Various Industrial	spin-on	4.75	2.98	3/4 - 16 UNS	2.76	2.39
EA037	Audi (71-06), Volkswagen (93-12), Lotus (71-74)	spin-on	4.75	2.98	3/4 - 16 UNS	2.76	2.39
EA038	Infiniti (91-97), Nissan (88-99), Mercury Villager (93-98), Subaru (88-94)	spin-on	3.87	3.12	3/4 - 16 UNS	2.45	2.13
EA042	Chrysler/Dodge/Jeep Vehicles (91-08), Mitsubishi Eclipse (95-99); Caterpillar 3 Series Excavators, 9	spin-on	3.75	3.65	3/4 - 16UNF	2.81	2.42
EA052	Chev-GMC Vehicles w/ 6.6L Duramax Diesel (01-12)	spin-on	5.37	3.69	13/16 -	3.48	3.08
EA059	Chev/GMC Trks + Vans w/ 7.4L, 8.1L (99-07)	spin-on	3.08	3.67	13/16 -	3.46	3.08
EA064	AMC (82-86), Buick (80-11), Cadillac (81-11), Chevrolet, GM (99-12), Saturn (93-10), Jeep (81-86),	spin-on	4.45	2.96	13/16 - 16UNS	2.76	2.39
EA080	Extra Efficiency Version Of 57620 - Has Fluted Can (can use in place of 51607)	spin-on	6.87	3.67	1 - 16UNF	2.81	2.42
EA098	Ford F-Series Super Duty PU w/ 6.7L diesel (11-12)	spin-on	6.61	3.67	1 - 16UNF	2.81	2.42
EA099	Ford/IHC Trucks w/7.3L Turbo Diesel (94-03)	spin-on	7.98	4.28	1 1/2 - 16UN	4.00	3.63
EA15K09	GM (85-09), Daihatsu (88-92), Infiniti (91-96), Kawasaki Mules, Nissan (91-95), Buell (00-11), Toyota (80-12), Scion (04-09), Atlas-Copco, Briggs & Stratton, Caterpillar, Cub Cadet, Generac, John Deere, Kubota,	spin-on	2.90	2.68	3/4 - 16UNS	2.47	2.13
EA15K10	Chev-GMC Vehicles w/ 6.6L Duramax Diesel (01-12)	spin-on	2.90	2.68	3/4 - 16UNS	2.47	2.13
EA15K12	Ford (92-97), Honda (00-12), Mazda (97-07), Mercury (91-96), Saab (05-06), Suzuki (09-12), Cub Cadet, Yanmar, John Deere, Kawasaki, Kobelco, Outboard Marine Engines, Various ATV/ Motorcycle (00-11),	spin-on	2.46	2.68	M20 x 1.5	2.47	2.13
EA15K13	Chrysler (92-06), Dodge (92-05), Eagle (92-98), Ford Probe (93-97), Mazda (71-00), Mercury Villager (99-00), Mitsubishi (90-12), Saturn (04-07), Outboard	spin-on	3.35	2.68	M20 x 1.5	2.47	2.13
EA15K20	Acura (88-05), Chevrolet (85-88), Dodge (91-96), Ford (88-96), Honda (72-09), Hyundai (89-12), Isuzu (85-04), Kia (01-12), Mercury (87-91), Mitsubishi (89-98), Subaru (87-12) Atlas-Copco, Case, John Deere,	spin-on	3.08	3.12	M20 x 1.5	2.45	2.05
EA15K29	Daewoo (99-02), Chevrolet - GM Cars/Trucks (76-12),	spin-on	3.40	2.96	M18 x 1.5	2.76	2.39
EA15K32	Various GM Cars & Trucks (75-76) (96-12) - Various Light Duty applications - Chevrolet, Buick, Cadillac (75-	spin-on	3.40	2.96	13/16 - 16UNS	2.76	2.39
EA15K50	Various Buick, Chevrolet, GM, Hummer, Saturn, Saab, Dodge, Chrysler, Jeep (07-12)	spin-on	3.40	2.96	M22 x 1.5	2.76	2.39
EA15K51	Various Chrysler/Dodge/Jeep (82-11), Various GM, Saturn (85-07), Lexus (90-10), Saab (67-09), Suzuki (86-02), Toyota (88-12), Various Ford (03-12), Mazda, Mercury (05-12), Yugo (86-89), VW (09-11) Various	spin-on	3.40	2.98	3/4 - 16 UNS	2.76	2.39
EA15K01	Various Scion,Toyota (08-12), Lexus (11-12) Pontiac	cart.	2.31	2.48	1.13	NA	NA
EA15K02	Various Toyota, Lexus (05-12)	cart.	2.70	2.8	1.12	NA	NA
EA15K03	Various GM, Saturn (01-10), Chevrolet (02-12), Buick (10-12), Saab (03-10)	cart.	3.56	2.45	1.37	NA	NA
EA15K04	Lexus, Toyota Trucks, SUV models (07-12)	cart.	4.66	2.75	1.13	NA	NA

Product Numerical Listings

Product Numerical Listings			Element Dimensions			Gasket Dimensions	
Part Number	Principal Application	Style*	Height ± .06	O.D. ± .03	Thread /I.D.	OD ± .02	ID ± .02
EA15K88	Ford Trucks w/ 6.0L Diesel Engine (03-07), 6.4L Diesel (08-10), IHC VT365 Diesel Engine, IHC School Buses	cart.	6.54	3.34	1.52	NA	NA
SDF88	Ford Trucks w/ 6.0L Diesel Engine (03-07), 6.4L Diesel (08-10), IHC VT365 Diesel Engine, IHC School Buses	cart.	6.54	3.34	1.52	NA	NA



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions				
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.	
24000		Fleet Maintenance Kit - contains 1 - 51459, 1 - 51704, 1 - 33411	MK								
24001		Base for 24006 and 24027 Fuel Filters or Base for 51453 Hydraulic Application (1 in.inlet and outlet) UL Approved.	BASE			1-12					
24002		Cap for 24001 & 24034 Base	CAP				15195	2.7	2.5	.1	
24003		Complete In-Hose Fuel Filter Assembly for Dispensing Pumps - UL Approved - Can use w/ alcohol or methanol - 3/4" female pipe thread on both ends - Replacement element is 24004	F	11.000	2.187		15194	1.887	1.609	.139	
24004		Replacement Element for 24003 or 24744 - Can use w/ ethanol or methanol.	FC	7.937	1.687	T-CLOSED B-.534	15194	1.887	1.609	.139	
24005		Bennett Dispensing Pumps	CFM	3.926	2.312	T-CLOSED B-1.000	Attached	2.125	1.020	.031	
24006		Dispensing Pump Fuel Filter (UL Approved) - Can be used w/ gas or diesel	SOF	5.200	3.674	1-12	Attached	2.729	2.415	.255	
24006MP		Master Pack Containing (12) 24006	SOF	5.200	3.674	1-12	Attached	2.729	2.415	.255	
24007	A-179	Infiniti FX50 (09-13) Cabin air	AP	1.259	7.874	8.976					
24010	A-321	Subaru Forester (00-02) - cabin air - 2 different shaped elements per box	AP	1.560	4.450	7.940					
24012	A-179	Nissan Cube, Juke, Leaf (09-13) - Cabin air	AP	1.000	5.920	10.140					
24013	A-199	Hyundai, Kia (10-13)	AP	.748	8.858	10.000					
24014	A-207	Chevrolet Camaro, Caprice - cabin air - (10-13)	AP	.790	9.610	9.900					
24015	A-179	Hyundai (09-13)	AP	1.340	8.980	10.350					
24017	A-179	Jeep Grand Cherokee, Dodge Durango (11-13)	AP	1.118	9.610	10.390					
24019		Conversion Base For Cooling System Filters - 1 1/16-16" Threaded Base Stud - Inlet + Outlet has 3/8" NPT	BASE								
24020	A-179	Nissan Murano (09-12) - Cabin air	AP	.792	10.625	11.000					
24021	A-199	Infiniti M37 (optional) and M56 (Forest Air system) (11-12)	AP	1.180	8.380	8.460					
24023		Remote Mounting Base - Accepts 1-14 Threaded Filters. Dual Inlet/Outlet with female 1/4-18 NPT Threads - Includes 2 Plugs	BASE			1-14					
24027		Fuel Dispensing Pumps Using Gasoline/Alcohol Blends/ Diesel Fuel - Has water alert feature with two layers of media - one has special water absorbing capacity that can hold up to 8 oz of water - once media is saturated, the flow rate is reduced to 1 GPM to let the operator know the filter needs to be changed.	WASF	5.207	3.694	1-12	Attached	2.729	2.415	.255	
24029		Dispensing Pump Filter (10 Micron)	SOF	5.171	3.698	1 1/2-16	Attached	3.437	2.930	.218	
24030	A-322	Various Subaru (09-13) - Cabin air	AP	2.240	8.520	8.560					
24034		Base For 24006, 24027, 24347 Fuel Filters or Base for 51453 Hydraulic Applications (3/4" inlet and outlet) UL Approved.	BASE			1-12					
24035		Volvo Fleet Maintenance Kit - contains 1 - 51791, 1 - 51660, 1 - 33358	MK								
24036	A-196	Mazda 2 (11-13) - set of 2 per box	AP	.672	3.902	9.750					
24037		Adapter Stud For British Leyland Cars - 5/8-18 to 3/4-16	STUD								
24038		Conversion Adaptor Kit - converts CAV fuel systems from cartridge style filters to spin-on (Converts 33166 and 33196 to various spin-on options - can use : 33195 - 33358 - 33373 - 33192 - 33472)	BASE								
24039		Volvo Fleet Kit Contains: (2) 51791, (1) 51660, (1) 33721, (1) 33656	MK								
24042		Goldenrod Fuel System - Water Absorbent Version - Housing is 24380	CFM	4.900	2.940	T-.880 B-CLOSED	Packed				
24043		Goldenrod Fuel Systems - Standard Version (for Water Absorbent Version, use 24042) - Housing is 24380	CFM	4.940	3.080	1 1/8-12	Packed				
24044		Fuel Pump Applications - Replacement element for 24003 or 24744 (24 micron)	CFM	7.903	1.673	.534	Packed	1.865	1.625	.120	
24046	A-213	Mazda 3 (10-12) - cabin air - 2 per box	AP	.835	4.060	9.840					
24048	A-179	Various Chrysler, Dodge Models (11-13) - Cabin air	AP	1.211	7.870	10.875					
24050		Dispensing Pump Filter (19 Micron)	SOF	11.228	5.007	1 1/2-16	Packed	4.976	4.656	.187	
24051		Dispensing Pump Filter (10 Micron)	SOF	11.228	5.007	1 1/2-16	Packed	4.976	4.656	.187	
24053	A-179	Fiat 500 (12-13)	AP	1.180	7.400	7.640					
24055		Liquid Cooling System Treatment (55 Gallon Drum)	LCT								
24056		Liquid Cooling System Treatment (One Pint) to be used w/ traditional (green) antifreezes - one pint = 4 units of DCA	LCT								
24057		Liquid Cooling System Treatment (5 Gallon)	LCT								

TECHNICAL DATA

* AP=Air Filter Panel; BASE=Filter Mounting Base; CAP=Filter Base Cap; CFM=Cartridge Fuel Metal Canister Filter; F=Fuel (Complete In-Line) Filter; FC=Fuel Cartridge (Special Type) Filter; LCT=Radiator Liquid Cooling Treatment; MK=Filter Change Maintenance Kit; SOF=Spin-On Fuel Filter; STUD=Filter Adapter Stud; WASF=Water Alert Spin-On Filter

® Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions				
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.	
24058		Liquid Cooling System Treatment (½ Gallon)	LCT								
24060		Extended Drain Liquid Coolant (1 Quart) - Use with Part #s 24083, 24084, 24091, 24092	LCT								
24061		Spin-on Conversion Kit for Chevrolet V-8 Engines - converts 51129 or 51143 cartridges to 51061 spin-on (Contains base, gasket, mounting bolts and instructions)	COKIT				15124	3.998	3.772	.125	
24065	A-169	Ford Edge (07-12), Lincoln (08-12), Mazda CX9 (07-12) - Cabin air	CA	.685							
24066		Dispensing Pump Fuel (Amoco A08) - (30 Micron)	SOFW	7.500	3.670	1 ⅜-12	Attached	2.729	2.415	.255	
24067		Spin-on Conversion Kit for Cummins Engines (69-75) This allows you to replace 51954 cartridge to 51970 spin-on	COKIT				15628 15629	6.281 2.23	5.875 1.7	.203 .203	
24068	A-179	Various Ford, Lincoln (11-13) cabin air	AP	1.024	7.283	8.937					
24069		Cooling System Filter with No Chemicals - shorter version of 24070	CSO	4.317	3.694	1 1/16-16	Attached	2.834	2.462	.200	
24070		Cooling System Filter with No Chemicals	CSO	5.214	3.694	1 1/16-16	Attached	2.834	2.462	.200	
24071		Cooling System Filter/Conditioner - contains 4 units of DCA	CSO	4.317	3.694	1 1/16-16	Attached	2.834	2.462	.200	
24071MP		Master Pack containing (12) 24071	CSO	4.317	3.694	1 1/16-16	Attached	2.834	2.462	.2	
24072		Cooling System Filter/Conditioner - contains 6 units of DCA	CSO	4.317	3.694	1 1/16-16	Attached	2.834	2.462	.200	
24073		Cooling System Filter/Conditioner - contains 8 units of DCA chemical conditioner	CSO	5.214	3.694	1 1/16-16	Attached	2.834	2.462	.200	
24073MP		Master Pack of (12) 24073	CSO	5.214	3.694	1 1/16-16	Attached	2.834	2.462	.2	
24074		Cooling System Filter/Conditioner - contains 12 units of DCA conditioner	CSO	6.987	3.694	1 1/16-16	Attached	2.834	2.462	.200	
24075		Various Cummins, Detroit, Cat Engines - contains 15 units of DCA4 dry chemical additive	CSO	5.400	3.700	1 1/16-16					
24076		Remote Mounting Base - Accepts ¾-16 Threaded Filters. Duel Inlet/Outlet with ¼-18 NPT Threads.	BASE								
24077		Oil Analysis Kit---Contains one small bottle for used oil, one large bottle to use as a mailer, request sheet and instructions.	OAK								
24078		Oil Analysis Kit---Contains sample bottle for used oil, request sheet, mailer box, 3 ft length of ¼ inch plastic tubing and instructions.	OAK								
24078ECD		Oil Analysis Kit for ecoLAST lube filter line - Contains sample bottle for used oil, request sheet, mailer box, 3 ft length of ¼ inch plastic tubing and instructions - analysis through DA Lubricants	OAK								
24078ECP		Oil Analysis Kit for ecoLAST lube filter line - Contains sample bottle for used oil, request sheet, mailer box, 3 ft length of ¼ inch plastic tubing and instructions - analysis through Polaris	OAK								
24080	A-199	Hyundai, Kia (10-12) - Cabin air	AP	1.140	8.230	10.310					
24081		Remote Mounting Base - Accepts 1-12 Threaded Filters. Duel Inlet/Outlet with ¼-18 NPT Threads - includes 2 plugs	BASE								
24082		Extended drain for 24071 applications	CSO	5.430	3.690	1 1/16-16	Attached	2.860	2.500	.230	
24083		Extended Drain Coolant (Non Chemical Filter)	CSO	4.173	3.690	1 1/16-16	Attached	2.850	2.470	.230	
24084		Extended Drain Coolant, High Capacity (No Chemical) Long life (150,000 miles)	CSO	5.430	3.690	1 1/16-16	Attached	2.850	2.470	.230	
24085		Mack Extended Drain with Chemical	CSO	5.430	3.690	¾-20	Attached	2.850	2.470	.230	
24086		Mack Extended Drain (No Chemical)	CSO	4.170	3.690	¾-20	Attached	2.850	2.470	.230	
24087		Cummins, IHC Extended Drain (No Chemical Added)	CSO	5.410	3.670	1 1/16-16	Attached	2.830	2.680	.200	
24088		Long Life Coolant Filter - Various Truck Models	CSO	5.440		1 1/16-16	Attached	2.850	2.470	.200	
					B-3.680						
24089		Mack (Slow release)	CSO	5.430	3.690	¾-20	Attached	2.850	2.470	.230	
24090		Volvo Extended Drain with Chemical	CSO	5.440	3.690	16X1.5 MM	Attached	2.850	2.470	.230	
24091		Volvo Extended Drain (No Chemical)	CSO	4.180	3.690	16X1.5 MM	Attached	2.850	2.470	.230	
24092		Volvo Extended Drain, High Capacity (No Chemical)	CSO	5.440	3.690	16X1.5 MM	Attached	2.850	2.470	.230	
24093		Remote Mounting Base - Accepts Duel ¾-16 Threaded Filters. Duel ½-14 NPT Inlet And Outlets.	BASE								
24094	A-48	Caterpillar D11R & 950G - Cab Air	AP	2.300	10.750	11.850					
24098		Remote Base That Accepts ¾-18 Threaded By-Pass Filters. It Has Duel ¼-18 NPT Inlet and Outlet Ports - Includes 2 Plugs - used w/ 51050 - 51051 - 51320 or 51704	BASE			0.000					
24099	A-179	Nissan 370Z (13) - Optional for (09-12) -cabin air	AP	.787	7.874	8.543					

* AP=Air Filter Panel; BASE=Filter Mounting Base; COKIT=Conversion Kit; CSO=Coolant Spin-On Filter; LCT=Radiator Liquid Cooling Treatment; OAK=Oil Analysis Kit; SOFW=Spin-On Fuel/Water Separator Filter; CA=Cabin Air Filter

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
24100		Complete Assembly For Oil Burning Furnaces and Heaters (3/8" Female Pipe Thds)(UL Approved) - includes base and filter together - 24104 is filter only	FFC	5.375	2.619	1-14	15182	1.005	.799	.103
24101		Complete Assembly for Oil Burning Furnaces and Heaters (1/4" Female Pipe Thds)(UL Approved) - includes base and filter together - 24104 is filter only	FFC	5.375	2.615	1-14	15182	1.005	.799	.103
24102	A-270	Honda CRF150R, CRF150RB Motorcycles	ANT	4.034	T-6.000 B-6.625	T-.500 B-3.500				
24103	A-259	Mazda CX-5 (13) - cabin air	AP	1.255	7.740	8.779				
24104		Replacement Filter for 24100, 24101 (UL Approved) - for home furnaces	FFE	4.344	2.619	1-14	15182 Packed	1.005 .340	.799 .189	.103 .060
24105		Coolant Test Strips for Standard Service - test for 3 things: nitrite level, freeze point, pH level (48 Strips - 12 - Four Packs + reference chart) NOTE: test strips will not work for extended or long life antifreezes (only for traditional, standard antifreezes)	CTK							
24106		Coolant Test Strips for Standard Service (50 Count Bottle) - test for 3 things: nitrite level, freeze point, pH level - NOTE: test strips will not work for extended or long life antifreezes (only for traditional, standard antifreezes)	CTK							
24107		Coolant Test Kit for Standard Service Coolant (Contains 50 test strips, syringe, index reference chart) - test for 3 things: nitrite level, freeze point, pH level - NOTE: test strips will not work for extended or long life antifreezes (only for traditional, standard antifreezes)	CTK							
24108		Fleet Maintenance Kit for Cummins - contains 1 - 51748, 1 - 33422, 1 - 24071	MK							
24110	A-199	Porsche Panamera (10-12) - cabin air	AP	1.377	8.503	9.960				
24112		Cummins ISX Engine	CSO	5.760	3.772	36X2.0 MM	Attached	3.725	3.175	.200
24113		Cummins ISX Engines	CSO	5.760	3.772	36X2.0 MM	Attached	3.725	3.175	.200
24114		Volvo VED12 Engines - contains 8 units of DCA4	CSO	5.424	3.690	16X1.5 MM	Attached	2.775	2.470	.250
24115	A-340	Various IHC/Navistar Trucks - cabin air	AP	.590	10.030	13.660				
24116	A-339	Peterbilt Trucks - cabin air	AP	.790	6.810	11.180				
24117		Various Sterling Trucks - cabin air		.910						
24118	A-288	Various Mercedes (02-10) - Cabin air w/ particulate media - (used w/ 24686 which has carbon media) - both particulate and carbon filters are required on applications	CA	1.030						
24119	A-270	Kawasaki, Suzuki Dirt Bikes	ANT	4.426	T-4.418 B-5.448	T-.235 B-3.338				
24120	A-183	Suzuki Kizashi (10-13)	AP	.800	8.500	9.670				
24122		Replacement Element for 24121 (10 Micron)	CFM	6.656	3.546	T-1.267 B-.625	15218	4.225	3.74	.062
24123		Spin-on Conversion Kit for Late Model Ford Trucks Contains Base,Gasket, Threaded Bushing and Instructions for Converting O.E. Vehicle Base Pot Type Filters.	COKIT				15090	4.955	4.4	.062
24124		Spin-on Conversion Kit for Early Model Ford Trucks. Contains Base, Gasket, Threaded Bushing and Instructions for Converting O.E. Engine Block Mounted Pot Type Filters.	COKIT				15090	4.955	4.4	.062
24126		Cummins Fleet Maintenance Kit - contains 1 - 51970, 1 - 51749, 1 - 33109	MK							
24132		Filter For Furnaces	SOF	4.800	T-2.940 B-2.925	20X1.5 MM	Attached	2.750	2.400	.205
24142		Scania Trucks + Buses	CSO	4.000	3.675	1 1/16-16	attached	2.75	2.47	.23
24148	A-179	Mazda 6 (09-13) - Cabin Air	AP	.980	7.790	9.050				
24150		Cummins Fleet Kit contains: (1) 57746XD, (1) 33651	MK							
24153		Diesel Fuel Additive (32 oz bottle) - protection against fuel gelling in low temperatures - reduces ice formation on diesel fuels - specially formulated for ultra low diesel fuels - can be used with biodiesel up to B20 (20%) - Mix ratio: use 4 ozs for each 30 gallons of diesel fuel	FCT							
24153C		Diesel Fuel Additive (32 oz bottle/ .95L) for Canadian market only (has special label for Canada) - protection against fuel gelling in low temperatures - reduces ice formation on diesel fuels - specially formulated for ultra low diesel fuels - can be used with biodiesel up to B20 (20%) - Mix ratio: use 100 ml to 95 L of diesel fuel	FCT							

TECHNICAL DATA

* AP=Air Filter Panel; CFM=Cartridge Fuel Metal Canister Filter; COKIT=Conversion Kit; CSO=Coolant Spin-On Filter; CTK=Coolant Test Kit; FFC=Furnace Filter Complete Unit; FFE=Furnace Filter Element; MK=Filter Change Maintenance Kit; SOF=Spin-On Fuel Filter; CA=Cabin Air Filter; FCT=Fuel Chemical Treatment; ANT=Air Filter No-Toil
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
24155		Detroit Diesel DD13, DD15 & DD16 Engines	CC	5.275	3.651	T-CLOSED B-1.709				
24157		Various Komatsu Equipment	CSO	7.539	3.724	¹¹ / ₁₆ -16	Attached	2.833	2.469	.284
24160	A-199	Various Lexus (07-13), Scion (11-13)	AP	1.150	7.750	8.500				
24161	A-162	Various GM Vehicles (01-09) - 2 per box - Particulate Filter	AP	1.535	4.016	8.504				
24162		Thermo King Fleet Maintenance Kit - contains 1 - 51800, 1 - 33544, 1 - 33543	MK							
24163		Fleet Maintenance Kit - contains 2-51791, 1-51749, 1-33690	MK							
24164	A-270	Kawasaki KX125, KX250 Motorcycles	ANT	4.162	T-6.500 B-7.625	T-.245 B-4.960				
24165	A-226	Donaldson Top-Spin Air Precleaner (2 inch inlet - 90 to 200 CFM)	AFPC	5.750	6.380	T-CLOSED B-2.030				
24166	A-226	Top-Spin Add-On Air Pre-Cleaner (2.25 inch inlet - 90 to 200 CFM)	AFPC	5.750	6.380	T-CLOSED B-2.270				
24167	A-226	Top Spin Add-on Air Pre-cleaner (2.5" Inlet - 90 to 200 CFM)	AFPC	5.750	6.380	T-CLOSED B-2.530				
24168	A-226	Top Spin Add-on Air Pre-cleaner (3" Inlet - 90 to 200 CFM)	AFPC	5.750	6.380	T-CLOSED B-3.030				
24169	A-226	Top Spin Add-On Air Pre-Cleaner (Has 3" Inlet - 200 to 450 CFM rating)	AFPC	9.390	9.510	T-CLOSED B-3.07				
24170	A-226	Top Spin Add-On Air Pre-Cleaner (Has 3.75" Inlet - 200 to 450 CFM rating)	AFPC	9.390	9.510	T-CLOSED B-3.830				
24171	A-226	Top Spin Add-on Air Precleaner (Has 4" Inlet - 200 to 450 CFM rating)	AFPC	9.390	9.500	T-CLOSED B-4.060				
24172	A-226	Top-Spin Add-on Air Precleaner (4" Inlet - 450 to 750 CFM rating)	AFPC	11.300	11.320	T-CLOSED B-4.060				
24173	A-226	Top spin Add-on Air Precleaner (4.5" inlet - 200 to 450 CFM)	AFPC	9.39	9.51	T-CLOSED B-4.56				
24174	A-226	Top-Spin Add-on Air Precleaner (4.5" Inlet - 450 to 750 CFM rating)	AFPC	11.30	11.32	T-CLOSED B-4.56				
24175	A-226	Top Spin Add-On Air Pre-Cleaner (Has 5" Inlet - 450 to 800 CFM rating)	AFPC	11.300	11.32	T-CLOSED B-5.030				
24176	A-226	Top Spin Add-On Air Pre-Cleaner (6" Inlet - 750 to 1500 CFM rating)	AFPC	13.540	15.620	T-CLOSED B-6.03				
24177	A-226	Top-Spin Add-on Air Pre-cleaner (7" Inlet - 750 to 1500 CFM rating)	AFPC	13.540	15.620	T-CLOSED B-7.03				
24185		Mack Fleet Maintenance Kit contains: (2) 51791, (1) 57703, (1) 33588, (1) 33644, (1) 24428	MK							
24188		Fleet Maintenance Kit for Caterpillar - contains 1 - 51792, 1 - 51749, 1 - 33384, 1 - 24071.	MK							
24191	A-179	Cadillac, Buick, Chev (10-13) - Cabin air	AP	1.398	8.010	9.500				
24194	A-47	Volvo Equipment - Foam style cabin air	AP	.250	16.000	18.375				
24196		Cooling System Filter/Conditioner Volvo, Mack	CSO	5.551	3.681	16X1.5 MM	Attached	2.730	2.470	.230
24197		IHC Cooling System Filter/Conditioner - Pre-Charge Filter has 15 units of DCA (Use 24206 for Maintenance Filter - has 4 units of DCA)	CSO	5.410	3.690	¹¹ / ₁₆ -16	Attached	2.830	2.460	.160
24200	A-175	Suzuki Grand Vitara (06-12) - Cabin Air	AP	.825	7.750	10.660				
24201	A-199	Honda Insight (2010-12) - Cabin air	AP	1.142	8.031	8.307				
24202	A-178	Various Porsche (99-13) - cabin air	AP	1.340	6.400	12.900				
24206		Cooling System Filter/Conditioner IHC Trucks - Maintenance filter - has 4 units of DCA (For Pre-charge version use 24197 - has 15 units of DCA)	CSO	5.410	3.670	¹¹ / ₁₆ -16	Attached	2.830	2.460	.175
24209	A-270	Kawasaki KX250F, Suzuki RMZ250 Dirt Bikes	ANT	4.634	T-6.035 B-7.000	T-.225 B-4.414				
24210		Mack Maint. Kit- Contains: (2)51791, (1)33218, (1)33219, and (1)24428	MK							
24211	A-179	Cadillac XTS V6 3.6L (13) - cabin air	AP	1.181	7.992	9.449				
24212	A-199	Scion FR-S (13) - Cabin air	AP	1.140	7.051	7.240				
24213	A-270	Kawasaki KX250F, KX450F Motorcycles	ANT	3.600	T-7.250 B-9.000	T-.225 B-5.964				
24214	A-270	Kawasaki KLX450R Motorcycle	ANT	2.584	T-7.000 B-8.000	T-.235 B-5.250				
24216	A-50	CAT Equipment - Cabin air	AP	2.460	6.000	26.900				

* AP=Air Filter Panel; CC=Coolant Cartridge Filter; CSO=Coolant Spin-On Filter; MK=Filter Change Maintenance Kit; AFPC=Air Filter Precleaner; ANT=Air Filter No-Toil

® Housing gasket not packaged with filter - order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
24217	A-270	KTM Motorcycles	ANT	3.578	8.375	T-.244 B-5.500				
24218	A-179	Various Mercedes (07-13) - Cabin air (2 per box)	AP	1.181	7.244	10.314				
24220		Hydraulic Fluid Analysis Kit	HAC							
24224	A-179	Various John Deere Wheel Tractors - Cabin air	AP	1.880	6.500	12.600				
24226		Mack Fleet Maintenance Kit - contains (2) 51791 - (1) 57703 - (1) 33588 - (1) 33723	MK							
24227	A-300	Various Audi (08-13)	AP	1.377	9.389	11.023				
24230		Diesel Fuel Analysis Kit	FAC							
24234	A-270	KTM Motorcycles	ANT	4.000	9.500	T-.244 B-6.750				
24235	A-270	Suzuki RM125, RM250, RMZ450 motorcycles	ANT	4.314	T-6.750 B-7.500	T-.250 B-4.557				
24236	A-270	Various Yamaha motorcycles + dirt-bikes	ANT	4.102	7.000	T-.248 B-4.250				
24237	A-270	Yamaha WR250, WR450 Motorcycles - 2003-2008	ANT	3.440	T-6.500 B-8.000	T-.225 B-5.265				
24238	A-285	Honda XR650R Motorcycles	ANT	.969						
24239	A-270	Various Kawasaki and Suzuki Motorcycles	ANT	3.520	T-6.000 B-6.625	T-.250 B-3.500				
24240		Coolant Analysis Kit	CTK							
24242	A-270	Kawasaki, Suzuki Dirt Bikes	ANT	2.824	7.250	T-.260 B-4.500				
24243	A-279		ANT	5.000	4.569	3.244				
24244	A-279	Various Polaris ATV's	ANT	4.104	5.777	3.859				
24245	A-272	Various Polaris ATV's	ANT	8.250	4.000	T-CLOSED B-2.435				
24246	A-272	Various Polaris ATV's	ANT	4.308	3.656	T-CLOSED B-2.267				
24247	A-284	Various Polaris ATV's	ANT	.595						
24248	A-261	Polaris Predator ATV w/ 500cc - includes frame (24262 does not have the frame)	ANT	1.052						
24250		Cabin Air Hardware Kit - contains 10 different hard-to-find accessories to assist with installing various cabin air filters (retainers, clips, screws etc)	CAH							
24255	A-179	BMW (12-13) - cabin air	AP	1.574	7.840	9.724				
24258	A-199	BMW X3 L6 3.0L (12-13) - cabin air	AP	.980	7.360	7.360				
24261		Filter Wrap For 46352	WRAP	.625						
24262	A-261	Polaris Predator ATV w/ 500cc - foam filter w/o frame support (24248 includes foam filter + frame)	ANT	1.052						
24263	A-282	Polaris Outlaw 450, 525S ATV's (08)	ANT	5.241	7.000	T-CLOSED B-5.967				
24264	A-283	Polaris Outlaw 525IRS ATV's (07-08)	ANT	7.375	T-3.215 B-7.000	T-CLOSED B-5.966				
24266	A-272	Honda TRX250, TRX250EX, TRX250TE/TM ATV's	ANT	4.800	4.145	T-.225 B-2.160				
24267	A-271	Honda TRX300EX ATV's	ANT	5.918	4.515	T-CLOSED B-2.871				
24268	A-272	Honda TRX400EX , Rubicon, Rincon 650 ATV's	ANT	5.244	5.000	T-.293 B-3.388				
24269	A-272	Various Honda ATV's	ANT	4.620	4.450	T-.338 B-2.819				
24270	A-179	Hyundai Elantra (09-12)	AP	.748	6.752	9.764				
24274	A-272	Honda TRX400 FA/FGA, Rancher ATV's	ANT	4.828	4.438	T-CLOSED B-2.672				
24277	A-281	Honda TRX450R, TRX450ER ATV's	ANT	8.000	6.055	T-.210 B-4.877				
24278	A-273	Various Kawasaki ATV's	ANT	4.113	4.567	3.853				
24279	A-273	Kawasaki ATV's	ANT	.494	4.477	1.100				
24282	A-278	Kawasaki KFX450R ATV's	ANT	8.000	5.184	T-.225 B-3.454				

TECHNICAL DATA

* AP=Air Filter Panel; CTK=Coolant Test Kit; MK=Filter Change Maintenance Kit; WRAP=Wrap For Air Filter; HAC=Hydraulic Analysis Kit; FAC=Diesel Fuel Analysis Kit; CAH=Cabin Air Hardware Kit; ANT=Air Filter No-Toil

® Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
24283	A-280	Suzuki ATV's	ANT	4.440	3.482	T-.235 B-1.958				
24284	A-280	Artic Cat 400 DVX ATV's	ANT	5.442	T-4.807 B-5.055	T-.225 B-2.872				
24290		Oil Analysis Pump With Tubing	OAKP							
24291	A-280	Suzuki LTR450 Quadracr ATV's	ANT	5.500	4.775	T-.225 B-2.167				
24292	A-282	Yamaha Grizzly 125 ATV's	ANT	3.283	T-6.000 B-7.000	T-.225 B-4.678				
24293	A-280	Yamaha Wolverine ATV's, & Grizzly 600/660 ATV's	ANT	9.000	T-3.257 B-3.407	T-.235 B-2.383				
24294	A-280	Various Yamaha Big Bear, Kodiak & Timberwolf ATV's	ANT	5.715	3.338	T-.250 B-2.356				
24295	A-49	Komatsu Equipment - Cabin Air	AP	2.190	6.000	10.000				
24296	A-272	Yamaha Bear Tracker, Big Bear ATVs	ANT	4.817	T-3.315 B-3.363	T-CLOSED B-1.882				
24297	A-273	Yamaha Kodiak 400/450 ATV's (03-04)	ANT	5.182	3.710	2.712				
24298	A-286	Yamaha Raptor 660 ATV (01-06)	ANT	5.492	T-3.788 B-7.500	T-.500 B-6.280				
24299	A-278	Yamaha YFZ450 - ATV - 2004-2008	ANT	7.250	5.190	T-.250 B-2.831				
24300	A-199	Hyundai (09-13) - Cabin air	AP	1.179	8.750	10.000				
24302	A-179	Jeep Wrangler (11-13) - cabin air - 2 per box	AP	.787	2.913	5.944				
24305		Cummins Fleet Kit Contains: (1) 57746XD, (1) 33656, (1) 33711	MK							
24306	A-171	MAN Trucks - cabin air	AP	2.755	6.929	18.346				
24309		Base for Fuel/Water Separators 33123, 33418 (½-NPT)	BASE			1-12				
24311	A-156	Various Volvo Trucks - Cabin Air	AP	1.740	4.700	11.500				
24312	A-156	Various Volvo Trucks - Cabin Air	AP	.800	8.375	12.500				
24313	A-179	Chrysler, Dodge, Jeep (07-13), Freightliner w/ Behr HVAC Systems	AP	1.000	7.625	8.625				
24314	A-50	Caterpillar Motor Graders - Cabin Air	AP	2.870	4.055	14.900				
24315	A-50	Case Applications - Cabin Air - Two per box	AP	2.580	7.125	14.125				
24316	A-179	IHC Trucks W/ Behr HVAC	AP	.970	7.250	12.700				
24318	A-179	Freightliner HVAC Cabin Air	AP	.984	10.629	10.629				
24319	A-49	Caterpillar 980, 980F Loader	AP	2.190	6.000	17.125				
24320	A-273	Yamaha Rhino 440, 660 ATV	ANT	8.375	3.650	2.624				
24321	A-48	Various John Deere Tractors	AP	1.590	7.125	9.000				
24322	A-156	Various VW (94-12), Audi (00-06) - Carbon version	AP	1.020	8.125	11.000				
24323	A-278	Yamaha ATV's	ANT	7.500	3.929	T-.225 B-1.910				
24324	A-273	Yamaha Kodiak & Grizzly 400/450, Bruin 350, Wolverine ATV's	ANT	5.865	T-3.575 B-3.573	2.753				
24326	A-138	John Deere Tractors - Recirculating cabin filter - 2 per carton	AP	1.380	6.690	8.150				
24329	A-199	Various BMW (10-13) - cabin air - two per carton	AP	1.180	8.110	9.650				
24332		Fleet Maintenance Kit - contains 1 - 51971, 1 - 33118, 1 - 33120	MK							
24333	A-169	Various Caterpillar - cabin air	AP	.700	7.950	8.030				
24334		Detroit Diesel Fleet Maintenance Kit - contains 2 - 51970, 1 - 51749, 1 - 33118, 1 - 33120	MK							
24335		Oil Chemical Treatment used to oil No-Toil foam style air filters - comes in a 16 oz. bottle	AFCT							
24338		Plastic Bowl Replacement for 24389	BOWL				15230	3.387	3.109	.139
24339		Oil Chemical Treatment used to oil No-Toil foam style air filters - comes in a 12 oz. Aerosol spray bottle	AFCT							
24341		Chemical cleaner for No-Toil foam style air filters - 16 oz bottle - used to clean the foam filter, then use the oil to re-lubricate the filter	AFCT							
24343		Rim Grease for No-Toil foam style air filters - used to lubricate the air filter housing rim before installing the air filter - 4 oz bottle	RGR							

* AP=Air Filter Panel; BASE=Filter Mounting Base; BOWL=Filter Bowl; MK=Filter Change Maintenance Kit; OAKP=Oil Analysis Kit Pump; ANT=Air Filter No-Toil; AFCT=Air Filter Cleaning Kit

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions				
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.	
24344		3 Pack of chemicals for No-Toil style foam air filters - includes 16 oz bottle of oil, 16 oz bottle of cleaner, 4 oz bottle of rim grease	AFCT								
24345		Air Box Cleaner - 16 oz. Spray bottle of cleaner to clean air filter housings that use No-Toil style air filters	CLN								
24347		Dispensing Pump Fuel Filter (UL Approved) If Shorter version required, use 24006	SOF	6.987	3.673	1-12	Attached	2.729	2.415	.255	
24348		Spin-On Filter for Fuel Pumps with Drain.	SOFW	7.578	3.673	1-12	Attached	2.729	2.415	.255	
24367	A-199	Ford Fusion, Lincoln MKZ (10-12), Mercury Milan (10-11) - Cabin air	AP	1.540	8.250	10.450					
24368		Ford/IHC Fleet Maintenance Kit - contains 1 - 51742, 1 - 33811	MK								
24370		Coolant Filter for various equipment - has 2 units of DCA4 chemical in filter	CSO	4.380	3.690	1 1/16-16	Attached	2.81	2.46	.18	
24374		Air dryer spin-on for air brake system - Various HD equipment	B	6.500	T-5.520 B-5.350	39X1.5 MM					
24376		Mercedes Maintenance Kit - contains 1 - 57213, & 1 - 33651XE	MK								
24379		IHC Fleet Kit contains: (2) 51971XD, (1) 33651XE	MK								
24380		Goldenrod FW Separator Housing - Elements for Housing are 24043 or 24042 (housing does not include the element - elements sold separately)	FFH	9.785	4.140		None				
24389		Water Trap Fuel Filter Assembly for Gravity Flow Service Tanks (Replacement Element is 24390) - can be used w/ gas or diesel	WTF	11.199	3.688	1-12	15230	3.387	3.109	.139	
24390		Replacement Element for 24389 assembly.	CFM	5.435	3.130	T-CLOSED B-.719	15230	3.387	3.109	.139	
24396		Volvo HD Trucks, Equipment - non-chemical coolant filter - use w/ long life coolant	CSO	5.388	3.682	16X1.5 MM					
24400	A-179	Nissan (07-13) - Cabin air	AP	.780	10.625	11.125					
24418	A-186	Mercedes B200 (06-11) - Canadian vehicle	AP	1.259	7.165	15.472					
24419	A-199	Ford Focus (12-13) - Cabin air	AP	1.417	7.992	9.842					
24428		Cooling System Filter/Conditioner for Mack Trucks (To 1977)	CSO	5.214	3.694	3/4-20	Attached	2.834	2.462	.200	
24429		Cooling System Filter/Conditioner for Mack Trucks (1977-on)	CSO	5.652	4.316	1-16	Attached	3.967	3.587	.340	
24430		No Chemical Version of 24428 for Mack Applications	CSO	5.214	3.694	3/4-20	Attached	2.834	2.462	.200	
24439	A-300	Various Audi (11-13)	AP	1.378	9.961	10.079					
24444		Lubricant packet for radial seal air filters - apply to ribbed sealing surface to make installation easier	LUB								
24466	A-179	IHC Trucks - Cabin air	AP	1.180	6.260	12.280					
24469	A-111	Komatsu - Hitachi Equipment - cabin air	AP	1.990	6.540	8.860					
24472	A-179	Saab 9-3 (04-11) - Particulate version (24525 is the carbon version)	AP	1.181	6.417	13.110					
24474	A-236	Various GM Vehicles (00-05)- This part includes the frame + filter element together (element only is 24812)	AP	1.559	9.075	8.850					
24475	A-235	Suzuki XL-7 (04-06), Grand Vitara (03-04)	AP	1.165	7.880	10.125					
24476	A-237	Acura Legend (92-95)	AP	.685	5.315	7.730					
24477	A-179	Ford Escape Hybrid (05-12), Mercury Mariner Hybrid (06-11) - Air Filter for Battery Pack (in rear cargo area - driver's side trim panel)	BPA	.800							
24479	A-179	Infiniti (06-13), Nissan (09-13), Dodge Grand Caravan (08-13), VW Routan (09-12)	AP	1.181	7.873	9.094					
24480	A-179	Cadillac XLR (04-09), Corvette (05-13)	AP	1.150	7.375	11.375					
24481	A-199	Lexus LS400 (93-00)	AP	.759	8.385	9.267					
24482	A-213	Various Mazda (04-10) - 2 per carton	AP	.866	3.976	9.291					
24483	A-199	Various Lexus, Toyota, Scion (06-12) Pontiac Vibe (09-10), Subaru (10-12) - Particulate version (carbon version is 24511)	AP	1.181	7.677	8.543					
24484	A-199	Hyundai Accent (07-10)	AP	.787	8.071	9.508					
24485	A-199	Various Subaru (03-07), Saab (05-06)	AP	1.180	7.280	8.275					
24486	A-241	Mazda 626 (98-02)	AP	.314	8.700	9.133					
24487	A-213	Mazda Millenia (01-02) - Two per box	AP	.875	8.875	9.750					
24489	A-245	Audi, VW (06-13)	AP	2.280	8.500	11.250					

TECHNICAL DATA

* AP=Air Filter Panel; B=Breather Filter; CFM=Cartridge Fuel Metal Canister Filter; CSO=Coolant Spin-On Filter; MK=Filter Change Maintenance Kit; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter; WTF=Water Trap Fuel; FFH=Fuel Filter Housing; AFCT=Air Filter Cleaning Kit
 † Housing gasket not packaged with filter - order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions				
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.	
24490		Air Filter Housing to replace filter 42731 on Ford PUs w/ 6.0L Powerstroke Diesel - Includes Housing, instruction sheet + air filter element (49490) - For vehicles using an air charge temperature sensor (ACTS), order grommet part # WK490 - this grommet required to install this housing on vehicles with ACTS	AFH								
24491		Fleet Maintenance Kit for Caterpillar- contains 1 - 51792, 1 - 33674, 1 - 24071.	MK								
24495	A-186	Cadillac STS (05-09), SRX, STS-V (07-09)	AP	.930	9.570	10.450					
24500		DLR Skid Refrigeration Systems For Ice Skating Rinks	CLM	6.500	4.578	3.468	None				
24511	A-199	Toyota (05-12), Lexus (06-12) - Carbon Impregnated (For Particulate version, use 24483)	AP	1.140	7.650	8.410					
24517	A-179	Various Hyundai (06-09), Kia (06-12)	AP	1.181	8.701	9.843					
24518	A-186	BMW Z4 (03-12) Charcoal Impregnated Media	AP	1.150	9.125	9.650					
24523	A-249	Land Rover Freelander (02-05)	AP	1.300	7.875	9.650					
24524	A-156	Honda Fit (07-08)	AP	1.140	7.050	7.240					
24525	A-179	Saab 9-3 (04-12) - Charcoal version (24472 is the particulate version)	AP	1.181	6.417	13.110					
24536		Mack Maint. Kit - Contains: 1-24428,1-33218, 1-33219, 2-51791 1-51417	MK								
24538		Mack Maint. Kit- Contains: (2)51791, (1)51417, (1)33216, (1)33219, and (1)24428	MK								
24545		Mack Trucks and Buses (Additive Free Filter)	CSO	5.424	3.690	16X1.5 MM	Attached	2.8	2.426	.207	
24547		Cummins Maint. Kit- Contains:(1)51748, (1)33109, and (1)24071	MK								
24551		Cummins Maint Kit - Contains:1 - 51748, 1 - 33405, 1 - 24071	MK								
24561		Mack Maint. Kit - Contains: (2) 51791 (1) 51417(1) 33216 (1) 33219 (1) 24429	MK								
24562		IHC Maint Kit, Contains: (2) 51784 (1) 33341 (1) 33336 (1) 24073	MK								
24563		Cummins Maint Kit, Contains: (1) 51748 (1) 33109 (1) 24073 (Obsolete)	MK								
24564		Mack Maint Kit- Contains: (2) 51791, (1) 51417, (1) 33219, and (1) 33216	MK								
24566		Mack Maint. Kit- Contains: (2)51791, (1)51417, (1)33587, (1)33588, and (1)24428	MK								
24567		IHC Maint. Kit, Includes: (1) 51799, (1) 33403, (1) 24071	MK								
24568		Mack Maintenance Kit Includes: (2) 51791, (1) 33587, (1) 33588, (1) 57117	MK								
24569	A-169	Toyota Sienna Van (06-07)	AP	.787	8.503	8.582					
24571		Impco Carb. Kit - Fits 225 Carb. Horn (42232 Filter Included) - Base I.D. is 5.0"	ICK								
24572		Impco Carb. Kit. Fits 225 Carb. Horn(42232 Filter Included) - Base I.D. is 5.8"	ICK								
24573		Impco Carb. Kit. Fits 425 Carb. Horn(42232 Filter Included)	ICK								
24574		Impco Carb. Kit. Fits 225 Carb. Horn(46247 Filter Included)	ICK								
24575		Impco Carb. Kit. Fits 425 Carb. Horn(46247 Filter Included)	ICK								
24576		Impco Carb. Kit. Fits 225 Carb. Horn(42050 Filter Included)	ICK								
24578	A-179	Dodge Caliber, Jeep Compass, Patriot (07) - Carbon Impregnated	AP	.984	7.637	8.543					
24579	A-156	Mazda CX-7 (07-12)	AP	.984	7.677	8.503					
24584		Coolant & Battery Refractometer (Fahrenheit Freezepoint Readout) - works for standard and extended service coolants	CBR								
24585		Coolant & Battery Refractometer (Celsius/Centigrade Freezepoint Readout) - works for standard and extended service coolants	CBR								
24590	A-179	Chev Spark, Volt, Buick Encore (13)	AP	1.378	8.031	9.449					
24595	A-47	Freightliner cabin air	AP	.787	6.220	7.873					
24598	A-37	John Deere Loaders, Forestry Equip - Cabin Air	AP	2.940	10.00	18.00					
24600	A-179	Kia Soul (10-12) - Cabin air	AP	.997	6.310	7.100					
24604		Various Industrial Housings	CLS	27.250	5.250	2.000	None				
24606	A-48	CAT Equipment - Cabin Air	AP	2.323	7.047	12.441	None				
24608		Element for Peco Industrial Housings (Fiberglass Media)	CLS	24.000	3.625	2.125	None				

* AP=Air Filter Panel; CLM=Cartridge Lube Metal Canister Filte; CLS=Cartridge Lube Sock Filter; CSO=Coolant Spin-On Filter; MK=Filter Change Maintenance Kit; ICK=Impco Carb Kit; CBR=Coolant & Battery Refractometer; AFH=Air Filter Housing

° Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
24616	A-48	Cat Equipment - cabin air	AP	2.283	4.665	10.708				
24618		Peco Industrial Housings (Sock Type)	CLS	18.500	3.125	1.625	None			
24619	A-199	Ford Fiesta (11-12), Ford C-Max (2013) - cabin air	AP	1.180	7.400	7.640				
24621	A-50	Caterpillar Challenger 65B, Challenger 75 Farm Tractors, AD40, AE40 Articulated Trucks	AP	2.189	9.055	9.055				
24629	A-47	Freightliner - cabin air	AP	.270	5.200	10.200				
24631	A-179	Audi Q7 (07-12), VW Touareg (04-12), Porsche (03-12) - Iveco Trucks - Cabin air - some vehicles take 2 (one per box)	AP	1.185	8.650	10.875				
24639		Element for Peco Industrial Housings (Sock Type)	CLS	36.625	3.125	1.625	None			
24650		Element for Peco Industrial Housings (Sock Type)	CLS	36.500	4.000	1.625	None			
24656		Mack Kit - contains: (2) 51791, (1) 51660, (1) 33995 (1) 33721, (1) 24196	MK							
24673	A-237	Various BMW (99-12) - Carbon Version	AP	.779	4.120	25.984				
24675	A-270	Honda CR125, CR250, CR500 Dirt Bikes (2 stroke)	ANT	4.240	7.500	T-.229 B-4.704				
24677		Fleet Maintenance Kit for Caterpillar - contains 1 - 51792, 1 - 33374, 1 - 24071.	MK							
24681	A-191	Saab (91-03)	AP	1.165	4.960	15.310				
24682	A-199	Mitsubishi Galant, Eclipse (99-05)	AP	.709	7.323	8.583				
24683	A-179	Nissan Frontier, Pathfinder (05-12), Xterra (06-12), Suzuki Equator (09-12) - 2 per application, 2 per box	AP	1.000	3.976	10.250				
24684	A-179	Hyundai (05-13), Kia (06-13)	AP	.675	7.910	8.860				
24685	A-201	Chevrolet Aveo (04-11), Pontiac Wave (05-08) Pontiac G3 (09-10)	AP	.728	8.165	9.842				
24686	A-227	Mercedes C, CLK Class (03-09) w/ carbon media - Two elements per box - (used w/ 24118 which has particulate media) - both particulate and carbon filters required on applications	AP	1.570	7.240	7.400				
24687	A-186	Ford Mustang (05-13)	AP	1.023	7.047	8.149				
24688	A-186	Volvo S40, V50 (04-13)	AP	1.340	8.190	9.060				
24689	A-201	Various Hyundai (01-08), Kia (07-12)	AP	1.181	9.291	10.669				
24690		Fleet Maintenance Kit for Cummins - contains 1 - 51970, 1 - 51749, 1 - 33405, 1 - 24071	MK							
24691		Mack Fleet Maintenance Kit - contains 1 - 51791, 1 - 57703, 1 - 33723, 1 - 33588, 1 - 24428	MK							
24693	A-241	CAT Equipment - Cabin air	AP	.540	3.700	15.250				
24694	A-179	Honda Prelude (00-01) - 2 per carton	AP	1.140	3.700	9.980				
24695		Fleet Maintenance Kit for Caterpillar - contains 1 - 51792, 1 - 33115, 1 - 33374, 24071.	MK							
24696		Fleet Maintenance Kit for Caterpillar - contains 1 - 51792, 1 - 33374, 1 - 33405, 24071.	MK							
24697		Fleet Maintenance Kit for Caterpillar - contains 1 - 51792, 1 - 33384, 1 - 33405, 24071.	MK							
24698		Fleet Maintenance Kit for Caterpillar - contains 1 - 57746XD, 1 - 33422, 1 - 24112.	MK							
24699		Fleet Maintenance Kit for Caterpillar - contains 1 - 51792, 1 - 33374.	MK							
24700		Air Filter Wrap for 42020	WRAP							
24701		Air Filter Wrap for 42101	WRAP							
24702		Air Filter Wrap for 42049	WRAP							
24703		Air Filter Wrap for 42091	WRAP							
24704		Air Filter Wrap for 42098	WRAP							
24706		Air Filter Wrap for 42088	WRAP							
24707		Air Filter Wrap for 42011	WRAP							
24708		Air Filter Wrap for 42055	WRAP							
24709		Air Filter Wrap for 42073	WRAP							
24710		Air Filter Wrap for 42077	WRAP							
24711		Air Filter Wrap for 42103	WRAP							
24712		Air Filter Wrap for 42116	WRAP							
24713		Air Filter Wrap for 42697	WRAP							

TECHNICAL DATA

* AP=Air Filter Panel; CLS=Cartridge Lube Sock Filter; MK=Filter Change Maintenance Kit; WRAP=Wrap For Air Filter; ANT=Air Filter No-Toil
 † Housing gasket not packaged with filter – order separately.

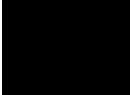
PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions				
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.	
24714		Caterpillar Maint. Kit - Contains: (1) 51792, (1) 33384	MK								
24715		Fleet Maintenance Kit for Caterpillar - contains 1 - 51791, 1 - 33626	MK								
24718	A-270	Various Honda Motorcycles (4 stroke)	ANT	4.717	7.625	T-.235 B-4.850					
24719		Fleet Maintenance Kit for Cummins - contains 1 - 51748, 1 - 33406, 1 - 24071	MK								
24720	A-49	Freightliner Trucks - Cabin air	AP	.750	10.600	10.600					
24723		Dodge Ram Pickup w/ 6.7L Cummins Diesel (07-09) - this is the complete assembly w/ drain + sensor - includes the replacement cartridge # 33733 that goes in the assembly	SOFW	9.118	T-4.537 B-3.735	T-1.170 B-CLOSED	Packed (O-Ring)	4.188	3.906	.141	
24724		Fleet Maintenance Kit for Cummins - contains: 1 - 51748, 1 - 33109.	MK								
24725	A-179	Chrysler PT Cruiser (01-10)	AP	1.215	4.500	9.000					
24726	A-276	Mercedes C Series, E Series (03-12) - Charcoal Impregnated	AP	1.338	10.149	12.204					
24727		Fleet Maintenance Kit for Cummins - contains 1 - 57746XD, 1 - 33691	MK								
24728		Fleet Maintenance Kit for Cummins - contains 1 - 51748, 1 - 33405	MK								
24729		Cummins Fleet Maintenance Kit - contains 1 - 51748, 1 - 33472 (Obsolete/Superseded by 24737)	MK								
24730		Conversion Adapter w/ 3/4-16 Mounting Thread w/ 1/2" N.P.T. Connections - allows you to convert engine mounted spin-ons to more accessible locations	BASE	1.500	B-3.125	3/4-16					
24731		Fleet Maintenance Kit for Cummins - contains 1 - 51748XD, 1 - 33406	MK								
24732		Conversion Adapter w/18x1.5mm Mounting Thread w/ 1/2" N.P.T. Connections - allows you to convert engine mounted spin-ons to more accessible locations	BASE								
24733		Fleet Maintenance Kit for Cummins - contains 1 - 57745XD, 1 - 33422	MK								
24734		Conversion Adapter w/ 13/16-16 Mounting Thread w/ 1/2" N.P.T. Connections - allows you to convert engine mounted spin-ons to more accessible locations	BASE	1.50	B-3.125	13/16-16					
24735		Fleet Maintenance Kit - contains 1 - 57746XD, 1 - 33422.	MK								
24736		Conversion Adapter w/ 20x1.5mm Mounting Thread w/ 1/2" N.P.T. Connections - allows you to convert engine mounted spin-ons to more accessible locations	BASE								
24737		Fleet Maintenance Kit - contains 1 - 51748, 1 - 33472.	MK								
24738		Conversion Adapter to Convert Cannister Type to Remote Mount Spin-on (GM)	BASE								
24740		Fleet Maintenance Kit - contains 2 - 51971, 1 - 33651, 1 - 24071.	MK								
24741		Fleet Maintenance Kit for Detroit - contains 1 - 51970, 1 - 33118, 1 - 33120, 1 - 24071	MK								
24742		Fleet Maintenance Kit - contains 2 - 51971, 1 - 33118, 1 - 33120, 1 - 24071.	MK								
24743		Fleet Maintenance Kit - contains 2 - 51971, 1 - 33120, 1 - 33405, 1 - 24071.	MK								
24744		Complete In-line Fuel Filter Assembly for Fuel Dispensing Pumps - Can be used w/ alcohol or methanol - 3/4" female pipe thread on both ends - This includes the assembly + 24044 cartridge element (24 micron)	F								
24745		Fleet Maintenance Kit - contains 2 - 51971, 1 - 33120, 1 - 33418, 1 - 24071.	MK								
24746		Fuel Filter Base for 24850 or 24851 - has 1 1/2-16 threaded stud	BASE			1 1/2-16					
24750		Conversion Base to Convert 51750 Series Filters to 51749 Spin-on Filters	BASE								
24752	A-156	Acura (98-03), Honda (98-02) - 2 per application	AP	1.181	3.779	11.575					
24753	A-156	Hyundai Veracruz (07-12)	AP	1.183	7.953	9.882					
24755		By-Pass Filter Base to Add Spin-on By-Pass Filter on Small Gas and Diesel Engines - used w/ 51050 - 51051 - 51320 or 51704 which have 5/8-18 threads - line sizes are 1/2 NPT in and out	BASE								

* AP=Air Filter Panel; BASE=Filter Mounting Base; F=Fuel (Complete In-Line) Filter; MK=Filter Change Maintenance Kit; SOFW=Spin-On Fuel/Water Separator Filter; ANT=Air Filter No-Toil
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
24756	A-265	Mitsubishi Lancer (02-06), Lancer Evolution (06-08), Outlander (03-08)	AP	2.930	9.040	9.090				
24757	A-186	Jaguar (02-08)	AP	1.712	7.125	10.196				
24758	A-296	Mini Cooper (02-08) - Carbon version	AP	1.385	4.680	18.625				
24759		Mounting Base w/ 1 1/2-16 Threads (51632, 51746, 51756, 51758, 51759, 51846, 51847, 51849, 51859, 51860, 51861), 51865 - comes with gasket # 15661	BASE				15661	5.030	4.440	.190
24761	A-199	Hyundai Tuscon (06-09)	AP	.790	7.440	9.410				
24762		Remote Mounting Base - Accepts 3/4-16 Threaded Filters. (Single Inlet/Outlet with Female 1/2" NPT)	BASE							
24763		Remote Mounting Base for 33225 or 33226 - has 1 1/16-16 threads - the inlet and outlet lines are 1/2" female N.P.T.	BASE							
24764		Remote Mounting Base - Accepts 3/4"-16 Threaded Filters - (Dual Inlet/Outlet with Female 1/2" NPT)	BASE							
24765	A-179	Various Audi (01-09)	AP	1.180	8.125	11.875				
24766		Remote Mounting Base - Accepts 1 3/16"-16 Threaded Filters. (Dual Inlet/Outlet with Female 1/2" NPT)	BASE							
24767	A-121	Various Mercedes (94-04), Chrysler Crossfire (04-07) - Carbon version	AP	2.126	8.500	10.750				
24768		Remote Mounting Base - Accepts 1-12 Threaded Filters. (Dual Inlet/Outlet with Female 1/2" NPT)	BASE							
24770		Remote Mounting Base - Accepts 1-14 Threaded Filters. (Dual Inlet/Outlet with Female 1/2" NPT)	BASE							
24771	A-130	Ford + Merc. Family of Cars (95-02)	AP	1.535	4.410	20.550				
24772	A-131	Lincoln Continental (95-97)	AP	1.150	4.949	10.250				
24773	A-138	Ford Taurus, Mercury Sable (96-07)	AP	1.142	6.693	10.394				
24774	A-179	Audi (96-02), Volkswagen (98-02)	AP	1.300	5.787	15.236				
24775	A-153	Mercedes S Class (94-97), CL Class (99-00) - Cabin Air - Particulate element	AP	1.693	10.118	15.400				
24776	A-153	Mercedes S Class (97-99), CL Class (98) - Carbon Impregnated for Odor Removal	AP	1.693	10.118	15.400				
24778	A-150	Various Mercedes (95-09) - Carbon Impregnated - 2 per box	AP	1.751	8.550	9.350				
24779	A-131	Volkswagen Passat (94-97) - Cabin Air	AP	1.181	7.126	10.256				
24780	A-180	Various GM (97-13)	AP	1.187	7.187	11.281				
24781	A-156	Cadillac Catera (97-01) - Cabin Air	AP	.590	8.898	11.496				
24783	A-162	Mercedes (97-09) Particulate Removal - 2 per box	AP	1.161	5.000	10.433				
24784	A-131	BMW 318i, 328i, M3 (98-99) - Cabin Air	AP	1.004	6.240	11.024				
24794	A-199	Kia Sorento (07-09)	AP	.708	4.488	8.307				
24797	A-288	Various Mercedes (03-12) (Charcoal activated cabin air that goes inside the heater casing) - 2 per box	AP	1.585	7.300	8.375				
24800		Air Filter Service Gauge (Direct Mount)	GAUGE							
24801		Light Duty Grommet Mounted Air Filter Monitor Kit (Includes Grommet and Instruction Card)	GAUGE							
24802		Air Filter Service Gauge (Remote mount, contains mounting bracket, ten feet of hose and 1/2 inch NPT brass fitting.)	GAUGE							
24803	A-260	Honda S2000 (00-09)	AP	1.700	6.625	7.750				
24804		Air Filter Service Gauge (Contains ten feet of hose and a 3/8 inch Brass fitting.)	GAUGE							
24805	A-174	Chevy/GMC Trks (99-02), Cadillac Escalade (00-02) - 2 per box	AP	.925	5.118	9.055				
24806	A-175	Lincoln Continental (98-02) - Cabin Air	AP	1.000	5.980	10.850				
24807	A-176	Ford Windstar (99-03), Freestar (05-07), Merc. Monterey (05-07)	AP	.984	5.236	11.496				
24808	A-156	Ford Focus (00-04), ZX2 (02-03), Ford Transit Connect (10-12)	AP	1.181	6.614	13.582				
24809	A-201	Kia Amanti (04-09)	AP	1.590	9.250	10.500				
24811	A-171	Various GM Vans (97-00) - Cabin Air - 2 per box	AP	2.322	4.291	9.312				
24812	A-173	Buick, Cadillac (01-11), Pontiac (00-05), Oldsmobile (01-03) - Particulate Removal - (Use 24813 for Odor Removal) (This is the element only - if you prefer the frame + element together, use 24474)	AP	.925	9.094	11.850				
24813	A-173	Cadillac (00-11) - Charcoal Impregnated Cabin Air for Odor Removal (Use 24812 for Particulate Removal)	AP	.925	8.897	11.575				



TECHNICAL DATA

* AP=Air Filter Panel; BASE=Filter Mounting Base; GAUGE=Air Filter Service Gauge
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
24814	A-175	Cadillac Escalade (03-06), GM Trucks + SUV Models (03-05), Hummer H2 (03-10)	AP	.980	9.210	10.430				
24815	A-199	Various Honda & Acura (03-13)	AP	1.180	8.860	9.210				
24816	A-178	Ford Escape, Mazda Tribute (01-08), Merc. Mariner (05-08)	AP	1.417	6.614	10.944				
24817	A-179	Acura, Honda (01-11) - (2 per application - 2 per box)	AP	1.142	4.370	8.846				
24818	A-183	Various Volvo Models (99-13)	AP	.950	10.000	11.125				
24821	A-181	Volvo (93-02)	AP	1.300	6.625	10.185				
24823	A-214	Nissan Maxima (00-03), Infiniti I30, I35 (00-04) - 2 per box. Charcoal Impregnated Media.	AP	1.185	3.720	10.750				
24824		(25) Storage Bin Boxes For Fuel Filters	PROM							
24826	A-162	Mazda MPV (00-06), RX-8 (04-11) - 2 Per Box	AP	.875	4.115	9.250				
24827	A-178	BMW X5 (00-06), Land Rover (04-13)	AP	1.300	10.000	21.000				
24829	A-259	Nissan Versa (07-13)	AP	.787	6.653	9.370				
24842		Filter Element w/o Water Sensing Media for 24840, 24846, 24843, 24847 housings (Obsolete/Superseded by 33679)	CFM	9.375	4.721	T-.565 B-1.115	Packed Packed Packed	5.025 1.579 .75	4.735 1.157 .5	.062 .12 .033
24848		Fuel Dispensing Fuel Filter for Fuel Pumps (Has Water Absorbing Media - 30 micron) If base required, use 24960 - can be used with unleaded gasoline, diesel, biodiesel up to B20 (20%) and kerosene	SOF	8.600	3.640	1 3/8-12	Attached	2.81	2.42	.21
24849		Fuel Dispensing Filter for Fuel Pumps (Has Water Absorbing Media - 10 Micron) (If base required, use # 24958) - can be used with unleaded gasoline, diesel, biodiesel up to B20 (20%) and kerosene	SOF	11.380	5.020	1 1/2-16	Packed	5.086	4.71	.188
24850		Fuel Dispensing Filter for Fuel Pumps (Has Water Absorbing Media - 10 Micron) - If base required, use 24746 - can be used with unleaded gasoline, diesel, biodiesel up to B20 (20%) and kerosene	SOFW	5.500	T-3.850 B-3.675	1 1/2-16	Attached	3.48	2.97	.23
24851		Fuel Dispensing Filter for Fuel Pumps (specifically for ethanol blended fuels up to E85 (85%) - 10 Micron) If base required, use 24746	SOF	5.420	3.750	1 1/2-16	Attached	3.48	2.97	.32
24853	A-162	Various Hyundai (01-06) Cabin Air	AP	1.490	7.830	9.850				
24854	A-179	Infiniti QX56, Nissan Titan, Armada, Pathfinder (04-13) - 2 per box	AP	.990	3.970	8.875				
24855	A-199	Nissan Quest (04-09) - 2 per box	AP	.980	4.720	9.450				
24856	A-213	Nissan Frontier, X-Terra (00-04) 2 Elements per box.	AP	.480	4.210	9.000				
24857	A-179	Various Nissan, Infiniti (00-08)	AP	1.200	7.875	8.500				
24863	A-213	Various Nissan, Infiniti (98-04) - 2 per carton	AP	.472	4.133	10.196				
24864	A-179	Chrysler Vehicles (00-07)	AP	.906	9.251	12.126				
24865	A-156	Saturn L Series (00-05)	AP	.984	5.709	16.220				
24866	A-179	Audi A6 (98-00)	AP	1.200	7.610	12.160				
24867	A-186	Mercedes Benz M Class (98-06) - Cabin Air - Charcoal Impregnated	AP	1.570	8.200	9.125				
24869	A-179	Cadillac (03-13)	AP	.925	9.251	10.433				
24871	A-179	Pontiac Vibe (03-08), Toyota Tacoma (06-08)	AP	.787	8.070	8.110				
24872	A-156	Various GM, Saturn, Suzuki (02-09)	AP	1.135	4.425	16.750				
24873	A-179	Toyota Corolla, Matrix (02-08)	AP	.787	7.874	8.661				
24874	A-189	Buick Park Ave (91-05), Cadillac Seville (98-04)	AP	.790	8.875	10.625				
24875	A-169	Mazda MPV (02-05), Mitsubishi (05-12), Subaru (05-12), Toyota (00-12)	AP	.670	8.500	8.500				
24876	A-181	Ford, Lincoln Trucks + SUVs (97-04) - Not factory equipped w/ a cabin air filter - kit must be installed at dealer before this filter can be used	AP	.945	9.882	10.512				
24877	A-179	Honda CRV (97-01) Honda Insight (00-06)	AP	1.181	7.795	8.819				
24878	A-162	Acura RL (96-04) - 2 per box	AP	.730	4.770	7.750				
24879	A-182	Hyundai Accent (03-06) - 2 per box-2 per application.	AP	.472	3.937	10.059				
24880	A-203	Hyundai Accent (01-02)	AP	.980	7.875	10.000				
24881	A-201	Hyundai Sonata (01-03), XG350 (02-03)	AP	1.500	7.625	10.500				
24882	A-179	Various GM Models (03-11)	AP	.950	8.500	9.750				
24883	A-199	Various Toyota, Lexus (00-10)	AP	.740	8.500	8.500				
24884	A-202	Lincoln LS (00-02), Ford Thunderbird (02-05), Jaguar (00-03)	AP	1.025	9.000	12.320				

* AP=Air Filter Panel; CFM=Cartridge Fuel Metal Canister Filter; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
24885	A-22	Replacement Element for Obsolete Conversion Kits 24785.	A	14.500	6.250	T-.910 B-4.620				
24886	A-22	Replacement Element for Obsolete Conversion Kits 24786 or 24789.	A	14.383	8.641	T-.906 B-7.053				
24887	A-22	Replacement Element for Obsolete Conversion Kit 24787.	A	11.500	4.750	T-.910 B-3.620				
24888	A-22	Replacement Element for Obsolete Conversion Kit 24788.	A	12.380	6.320	T-.910 B-4.620				
24889	A-22	Replacement Element for Obsolete Conversion Kit 24790.	A	12.500	7.650	T-.937 B-6.040				
24891	A-22	Replacement Element for Obsolete Conversion Kit 24793.	A	11.383	8.641	T-.906 B-7.053				
24892	A-22	Replacement Element for Obsolete Conversion Kit 24792.	A	14.508	8.641	T-.906 B-7.053				
24893	A-199	Various Lexus (02-10) (Carbon Impregnated Media)	AP	1.130	8.500	9.250				
24894	A-199	Lexus GS300 (98-00), GS400 (98-00)	AP	.755	8.450	9.250				
24895	A-196	Lexus ES 300 (92-01) - has two different style panels per box	AP	.790	5.531	10.000				
24896	A-204	Mercury Villager, Nissan Quest (98-02) (Carbon Impregnated Media)	AP	1.760	4.480	23.750				
24897	A-207	Honda Odyssey (99-04), Pilot (03-08), Acura MDX (01-06)	AP	.800	10.375	11.125				
24898	A-208	Land Rover Range Rover (96-02)	AP	1.030	7.720	8.520				
24899	A-130	Suzuki Vitara, Grand Vitara (99-03), Suzuki XL7 (01-03) - 2 per carton	AP	.713	4.325	8.900				
24900	A-169	Toyota Echo (00-04), RAV4 (01-07), Scion (03-10), Komatsu	AP	.709	7.716	8.504				
24901	A-169	Lexus (99-05), Toyota Highlander (01-07)	AP	.709	8.504	9.252				
24902	A-201	Suzuki Forenza (04-09), Reno (05-09)	AP	.975	7.625	9.000				
24903	A-219	Jeep Grand Cherokee (99-10)	AP	1.600	3.140	18.380				
24904	A-175	Volvo S40, V40 (02-04)	AP	.787	8.149	8.819				
24905	A-199	Various Lexus Models (03-09)	AP	.730	8.500	8.500				
24906	A-212	Chev Epica (04-07), Suzuki Verona (04-06)	AP	1.170	7.250	11.700				
24907	A-179	Mazda 6 (03-08)	AP	1.000	8.230	8.940				
24908	A-220	Lexus LX470 (98-07)-takes 2 per vehicle, Toyota Landcruiser (06-07)-takes 1 per vehicle	AP	.770	5.110	11.980				
24909	A-179	Various Chrysler, Dodge (05-10) - Charcoal Impregnated Media	AP	1.185	8.375	12.150				
24911		Complete Stanadyne FM 100 Assembly - contains base + filter - 5 Micron (Filter element only is 33911)	FMA							
24912		Complete Stanadyne FM 100 Assembly - contains base + filter - 30 Micron (Filter element only is 33912)	FMA							
24913		Complete Stanadyne FM 100 Assembly - Contains base + filter - 150 Micron (Filter element only is 33913)	FMA							
24914		Complete Stanadyne FM 100 Assembly (base + filter) for Marine Applications - 5 Micron (Filter element only is 33914)	FMA							
24915		Complete Stanadyne Fuel Manager Assembly (base + filter) for Marine Applications - 30 Micron (Filter element only is 33915)	FMA							
24916		Complete Stanadyne Fuel Manager 100 Assembly (base + filter) for Marine Applications - 150 Micron (filter element only is 33916)	FMA							
24918		Mercedes Fleet Kit - contains 1 - 57213, 1 - 33628, 1 - 33657	MK							
24919		Thermo King Fleet Kit - contains 1 - 51808, 1 - 51802, 1 - 33341, 1 - 33403	MK							
24921		Stanadyne Fuel Manager - Hand Primer - Can be used w/ 24911, 24912, 24913 assembly housings or 33911, 33912, 33913 filters	HP				None			
24922		Stanadyne Fuel Manager Heater Kit - 150W Series - Can be used w/ 24911, 24912, 24913 assembly housings or 33911, 33912, 33913 filters - instructions included with kit	HK				None			
24923		Stanadyne Fuel Manager - Water Sensor Kit - Installs in the bottom of the filter where the drain is - Can be used w/ 24911, 24912, 24913 assembly housings or 33911, 33912, 33913 filters	WSA				None			
24924		Stanadyne Fuel Manager - Plastic Bowl w/ Drain - Installs on the bottom of the filter (remove drain-plug and substitute the bowl in it's place) - Can be used w/ 24911, 24912, 24913 assembly housings or 33911, 33912, 33913 filters	BOWL				None			

TECHNICAL DATA

* AP=Air Filter Panel; BOWL=Filter Bowl; FMA=Fuel Manager Assembly; HK=Heater Kit; HP=Hand Primer; MK=Filter Change Maintenance Kit; WSA=Water Sensor Assembly
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
24931		Suzuki Motorcycles	CLM	2.535	2.830	T-CLOSED B-.760	Packed			.095
24932		Suzuki Motorcycles	CLM	2.535	2.830	T-CLOSED B-.760	Packed			.085
24933		Yamaha Motorcycles	CLM	1.583	3.957	.772	Packed (2)			
24934		Yamaha Motorcycles	CLM	1.441	2.996	.768	Packed (2)			
24935		Yamaha Motorcycles	CLM	2.252	2.170	.787	Packed (3)			
24936		Yamaha Motorcycles	CLM	2.252	2.170	.787	Packed (O-Ring) Packed (O-Ring)	2.752 .473	2.478 .293	.137 .09
24937		Yamaha Motorcycles	CLM	2.260	3.050	.770	Packed(2)			
24938		Honda Motorcycles	CLM	1.776	2.705	.776	Packed (2)			
24939		Honda Motorcycles	CLM	1.860	2.750	.770	Packed (2)			
24940		Honda Motorcycles	CLM	2.205	3.028	.776	Packed (2)			
24941		Honda, Kawasaki, Triumph Motorcycles	CLM	2.205	3.028	.772	Packed (2)			
24942		Kawasaki Motorcycles	CLM	3.209	3.150	.768	Packed Packed	3.915 .98	3.715 .76	.1 .11
24943		Kawasaki Motorcycles	CLM	3.209	3.150	T-CLOSED B-.768	Packed Packed Packed	3.915 .98 .75	3.715 .76 .57	.1 .11 .09
24944		Honda Motorcycles & Honda ATVs	CLM	1.484	1.965	T-CLOSED B-.460	Packed	2.280	2.080	.100
24945		BMW Motorcycles	CLM	4.606	1.634	.575	Packed (2)			
24949		Suzuki Motorcycles, Arctic Cat ATVs	CLM	2.177	1.732	T-CLOSED B-.532	Packed (2)			
24950		Kawasaki Motorcycles - If 24950 will not fit, try 24951 - Has thicker gasket	CLM	2.150	2.173	.535	Packed (2)			
24951		Kawasaki Motorcycles/ ATVs- 24951 has thicker gasket than 24950	CLM	2.150	2.173	.535	Packed (2)			
24952		Detroit Diesel Fleet Maintenance Kit - contains 2 - 51971, 1 - 33120, 1 - 33405	MK							
24955		Detroit Diesel Fleet Maintenance Kit - contains 2 - 51971, 1 - 33120, 1 - 33651XE	MK							
24956		Detroit Diesel Fleet Maintenance Kit - contains 2 - 51971, 1 - 33651	MK							
24957		Detroit Diesel Fleet Maintenance Kit - contains 2 - 51971, 1 - 33120, 1 - 33418	MK							
24958		Base for 24849 fuel filter - has 1 1/2-16" mounting thread	BASE			1 1/2-16				
24959		Ford/IHC Fleet Maintenance Kit - contains 1 - 51734, 1 - 33817	MK							
24960		Fuel Filter Base for 24848 - has 1 3/8-12" threaded stud	BASE			1 3/8-12				
24961		IHC Fleet Maintenance Kit - contains 2 - 51747, 1 - 33403, 1 - 33341, 1 - 24071	MK							
24963		IHC Fleet Maintenance Kit - contains 2 - 51789, 1 - 33403, 1 - 33341, 1 - 24071	MK							
24964		Fleet Maintenance Kit - contains 1 - 51799, 1 - 33403	MK							
24967		Fleet Maintenance Kit - contains 2 - 51747, 1 - 33341, 1 - 33403	MK							
24968		Fleet Maintenance Kit - contains 2 - 51789, 1 - 33341, 1 - 33403	MK							
24969		Fleet Maintenance Kit - contains 2 - 51791, 1 - 57117, 1 - 33587, 1 - 33588, 1 - 24056	MK							
24971		Fleet Maintenance Kit - contains 2 - 51791, 1 - 57117, 1 - 33587, 1 - 33588, 1 - 24428	MK							
24972		Fleet Maintenance Kit for Mack - contains 2 - 51791, 1 - 51417, 1 - 33219, 1 - 33218, 1 - 24429.	MK							
24973		Fleet Maintenance Kit for Mack - contains 3 - 51791, 1 - 33219, 1 - 33218, 1 - 24429.	MK							
24976	A-49	Cat Equipment, Other - cabin air	AP	2.193	8.000	17.000				
24977	A-50	Kenworth Trucks (cabin air)	AP	.787	10.079	13.701				
24978		Mack Fleet Maintenance Kit contains: (2) 51791, (1) 33644, (1) 33588, (1) 57706	MK							
24979		Fleet Maintenance Kit for Mack - contains 2 - 51791, 1 - 33219, 1 - 33218.	MK							
24980		Fleet Maintenance Kit for Volvo - contains: (2) 51791, (1) 51660, (1) 33721, (1) 33775								

* AP=Air Filter Panel; BASE=Filter Mounting Base; CLM=Cartridge Lube Metal Canister Filter; MK=Filter Change Maintenance Kit

° Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions					
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.		
24981		Fleet Maintenance Kit for Detroit - contains (1) 57909 - (1) 33655 - (1) 33849 (33849 is a kit with 3 separate fuel filters)										
24982	A-247	Universal Motorcycle/ATV conical air filter for various applications - 1 3/8" mounting flange I.D.	A	2.900	T-2.000 B-2.430	T-CLOSED B-1.300						
24983	A-247	Universal Motorcycles/ATV conical air filter for various applications - 1 1/16" mounting flange I.D.	A	3.430	T-1.990 B-2.900	T-CLOSED B-1.510						
24984	A-247	Universal Motorcycles/ATV conical air filter for various applications - 1 11/16" Mounting Flange I.D.	A	3.230	T-2.000 B-2.940	T-CLOSED B-1.670						
24985	A-247	Universal Motorcycles/ATV Conical Air Filter for various applications - 1 13/16" Mounting Flange I.D.	A	3.800	T-2.000 B-2.910	T-CLOSED B-1.715						
24986	A-246	Universal Motorcycle/ATV Air Filter for various applications - 1 7/8" Mounting Flange I.D. - flange position is centered	A	4.775	2.975	T-CLOSED B-1.160						
24987	A-248	Universal Motorcycles/ATV conical air filter for various applications - 1 7/8" Mounting Flange I.D. - flange position has a 10% angle.	A	4.555	T-2.000 B-2.965	T-CLOSED B-1.790						
24988	A-247	Universal Motorcycles/ATV Conical air filter for various applications - 1 15/16" Mounting Flange I.D.	A	3.425	T-2.000 B-2.930	T-CLOSED B-1.910						
24989	A-247	Universal Motorcycles/ATV conical air filter for various applications - 2 1/16" mounting flange I.D.	A	4.455	T-2.000 B-3.525	T-CLOSED B-2.000						
24990	A-247	Universal Motorcycles/ATV conical air filter for various applications - 2 1/8" mounting flange I.D.	A	3.460	T-2.000 B-3.035	T-CLOSED B-2.100						
24991	A-247	Universal Motorcycles/ATV conical air filter for various applications - 2 1/8" mounting flange I.D.	A	3.250	T-2.000 B-3.055	T-CLOSED B-2.080						
24992	A-247	Universal Motorcycles/ATV conical air filter for various applications - 2 1/4" mounting flange I.D.	A	4.445	T-2.000 B-3.360	T-CLOSED B-2.200						
24993		Fleet Maintenance Kit for Mack - contains 2 - 51791, 1 - 51417, 1 - 33219, 1- 33218	MK									
24994		Various Kawasaki Motorcycles, ATVs, Polaris ATVs	CLM	1.475	1.969	T-CLOSED B-.461	None					
24995		Fleet Maintenance Kit - contains 2 - 51791, 1 - 57703, 1 - 33588, 1- 33587.	MK									
24996		Fleet Maintenance Kit for Mack - contains 2 - 51791, 1 - 57703, 1 - 33588, 1- 33644	MK									
24997		Mercedes Benz Fleet Maintenance Kit - contains 1 - 57213, 1 - 33628	MK									
24998		Mercedes Benz Fleet Maintenance Kit - contains 1 - 57213, 1 - 33628, 1 - 33651	MK									
33001	G-9A	Plastic In-Line Fuel w/ 1/4" Inlet & Outlet Metal Version is 33031 w/Hoses + Clamps (for use w/ gasoline only - for diesel, use 33971)	F	3.480	1.826		None					
33002	G-10A	Plastic Universal In-Line fuel filter w/ 5/16" Inlet and Outlet (Metal Version is 33032 w/Hoses and Clamps) - use only w/ gasoline (not diesel) - for diesel fuel, use 33972	F	3.920	1.770		None					
33003	G-11B	Plastic In-Line Fuel w/ 3/8" Inlet & Outlet - Metal Version is 33033 w/Hoses and Clamps	F	3.543	1.826		None					
33004	G-14H	Volvo XC90 (08-12)	F	6.875	T-3.365 B-3.180							
33005		Caterpillar C9, C10, C11, C12, C15 Engines (3 micron)	SOFW	7.389	3.690	1-14	Attached	2.810	2.460	.203		
33006	G-52	Mercedes-Benz 200D, 300D Series (76-85) - 5/16" inline	F	4.180	1.380		None					
33007	G-6	Mercedes-Benz Cars (89-95) - 5/16 in-line fuel filter - can be used wth gas or diesel	F	4.280	1.210		None					
33008	G-103	Audi/VW EFI (77-89), Peugeot (87-88), Saab (75-80), Cadillac Catera (97-01)	F	5.355	2.520		None					
33009		Carrier Refrigeration Units	SOF	5.926	4.390	1-14	Attached	3.540	3.160	.210		
33010		Allis-Chalmers, Michigan (16 Micron)	CFM	4.360	3.778	.550	15016	4.191	3.793	.075		
33011	G-5	Various Early Model Imports (1/4 or 5/16 In-Line)	F	4.125	1.400		None					
33012	G-8A	Same as 33032 w/o Hoses and Clamps	F	3.863	1.937		None					
33013		Various MTU Diesel Engines, Generators	SOF	10.469	4.260	32X1.5 MM	Attached	3.98	3.59	.31		
33016	G-97	VW Dasher (76-77), Porsche (78-82)	F	5.886	2.520		None					
33019	G-86	Ford Family of Cars & Trucks w/V-8 Eng. (75-79)	F	2.183	1.000		None					
33021	G-67	Toyota Mark II Calif. (73-74). Corolla, Cressida (78), Subaru (80-85)	F	2.125	2.000		None					

TECHNICAL DATA

* CFM=Cartridge Fuel Metal Canister Filter; CLM=Cartridge Lube Metal Canister Filter; F=Fuel (Complete In-Line) Filter; MK=Filter Change Maintenance Kit; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter

® Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33022	G-17	Ford (94-97), Isuzu (83-89), Jaguar (69-77), Mazda (94-96), Mercury Villager (93-98), Nissan Family of Cars/Trucks EFI (75-97), Volvo (71-74)	F	4.920	T-3.080 B-2.980		None			
33023	G-18	Infiniti (90-04), Isuzu (88-95), Mercury (99-01), Nissan (84-09)	F	4.803	2.205		None			
33024	G-46	Nissan Stanza (82-86) (Obsolete)	F	2.550	1.620		None			
33027	G-4	Ford Family of Cars (71-80)	F	3.050	T-.921 B-.760		None			
33028	G-16	Nissan Pulsar, Sentra w/1.6L Carb. Eng. (8/85-86) (Obsolete)	F	4.567	2.440		None			
33031	G-9	Various Early Model Import and Domestic (Universal Metal 1/4" In-Line Fuel Filter w/ clamps + hoses- use w/ gasoline only - for diesel, use 33971)	F	3.830	1.745		None			
33032	G-10	ABG Construction Equipment, Ford Festiva (88-91), Various Early Model Import and Domestic (Universal 5/16 in. In-Line w/Hoses and Clamps)	F	3.862	1.936		None			
33033	G-11A	BMW (71), Pontiac (60-66), Saab (69-73), (Universal 3/8 in. In-Line w/Hoses & Clamps for Gasoline only.)	F	3.870	1.940		None			
33034	G-152	Early Model Ford and GMC (49-67) (10 Micron)	CFM	1.040	1.670	.455	Packed	2.100	1.700	.062
33035	G-125	Hyundai Elantra (92-95)	F	5.160	T-2.800 B-2.190		None			
33036	G-144A	Mercury, Lincoln(60-66)	F	3.390	1.930		None			
33037		Audi, VW w/TDI diesel (05-13)	CFMF	5.590	3.270	1.500				
33038	G-157	AMC (60-69), Evinrude Marine Engines, Jeep (66-71), Johnson Marine Engines, Mercruiser Marine Engines, OMC Marine Engines, Onan Engines, Palmer Marine Engines, Studebaker (66), Towmotor (10 Micron)	CFM	1.916	1.508	T-CLOSED B-.656	15253	1.937	1	.08
33039	G-153	GM Family of Cars w/A-C (59-67) (10 Micron)	CFM	1.320	T-1.795 B-1.390	T-CLOSED B-.470	None			
33040	G-77	American Motors (76-83), Buick (63-66), Jeep (72-90)	F	3.860	1.730		None			
33041	G-79	Chevrolet (71-73), Pontiac (66-67)	F	4.620	1.870		None			
33042	G-164	Chevrolet, GMC Trucks (58-67) (25 Micron)	CFM	2.125	3.000	T-.500 B-1.078	15254	3.735	3.25	.062
33043		Allis-Chalmers HD-3, HD-5, Detroit Diesel 2-71, 3-71, 4-71, 6-71 (Partial) (10 Micron)	CFM	4.437	3.375	T-.578 B-.512	15336 15041	1.984 3.728	1.25 3.218	.125 .062
33044	G-159	GM Family of Cars (68-75) In-Carburetor	FC	1.030	.714	.265	None			
33045	G-85	Ford Family of Cars (66-68)	F	2.830	.937		None			
33046	G-84	Ford Family of Cars (68-82)	F	2.860	.940		None			
33047		Racor Fuel Unit - replaces Racor # S6464	SOFW	6.220	4.340	1-14	Packed Packed	3.61 4.11	3.13 3.85	.26 .12
33048	G-161	GM Family of Cars (68-75) In-Carburetor	FC	2.062	.714		None			
33049	G-83	Ford Family of Cars (77-79)	F	2.340	.940		None			
33050	G-149	GM Family of Cars (59-75), In-Carburetor Ford Trucks (84-88) V-8 4Bbl. Carb.	FC	.790	.640		Packed	.646	.406	.016
33051	G-158	GM Family of Cars (76-80), Jeep (80-83) In-Carb. OPEN END GOES IN FIRST	FC	1.030	.700	T-CLOSED B-.205	None			
33052	G-160	GM Vehicles (76-90) - In-Carburetor	FC	2.010	.700	T-CLOSED B-.200	None			
33053	G-50	Nissan (67-87), Toyota (76-77)	F	3.420	1.879		None			
33054	G-81	Chrysler Family of Cars (79-89)	F	3.830	1.725		None			
33055		Cummins Engines Optional Applications.	CFM	8.390	4.640	T-.870 B-.860	15302 ⁸ 15167 ⁸	5.775 5.200	5.225 4.830	.275 .100
33056	G-101	Toyota Corona (70-72), Lincoln (60-62)	F	3.260	1.760		None			
33057		Isuzu, Nissan Engines, Linkbelt Cranes	CFM	8.280	4.350	T-.590 B-2.020	None Packed Packed Packed	5.803 .858 .623	5.547 .645 .411	.205 .058 .039
33058	G-100	Toyota Carina (71-72) (Obsolete)	F	3.140	1.760		None			
33061		Allis-Chalmers (10 Micron)	CFM	3.405	3.092	1.034	15095	4.031	3.468	.093
33062		Allis-Chalmer, Cummins, Euclid (To-1954) (10 Micron)	CFM	7.687	2.903	1.035	15095	4.031	3.468	.093
33063	G-172	GM Family of Cars w/Diesel Engines (78-84)	F	2.418			None			
33064		Detroit Diesel Engines (32-62) (10 Micron)	CFM	5.778	3.778	.480	15002 Packed	4.421 1.030	3.687 .480	.062 .062
33065		Detroit Diesel Engines (39-54) (10 Micron)	CFM	4.031	3.781	.550	15002 Packed	4.421 1.250	3.687 .558	.062 .187

* CFM=Cartridge Fuel Metal Canister Filter; CFMF=Cartridge Fuel Metal Free Filter; F=Fuel (Complete In-Line) Filter; FC=Fuel Cartridge (Special Type) Filter; SOFW=Spin-On Fuel/Water Separator Filter

⁸ Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33066	G-45	Toyota Corona, Starlet, Tercel (74-89) Mazda Trucks (86-92)	F	2.310	1.712		None			
33067	G-40	Honda Civic, CVCC (73-79)	F	3.190	2.110		None			
33069	G-41	Honda Civic w/1300cc & 1500cc Engine. (80-82)	F	3.500	1.962		None			
33073		Detroit Diesel Engines, Primary Fuel (35 Micron)	CFM	5.622	2.903	1.088	15133 15095 Packed	3.663 4.031 .75	3.437 3.468 .509	.125 .093 .047
33075		Murphy Diesel (62-70) (Sock Type)	CFS	37.250	2.375	T-CLOSED B-.250	None			
33076		Cat Equipment	SOF	5.491	3.060	12X1.5 MM	Attached	2.81	2.47	.21
33078	G-15D	Jaguar X-Type (02-08)	F	6.389	2.338					
33079	G-141	Ford Tempo, Mercury Topaz 2.3L Engine (83-85)	F	2.850	T-1.313 B-1.465		None			
33080		Clark, Drott, Galion, Hough, Other (10 Micron)	CFM	4.559	3.278	1.035	15062	4.687	4	.062
33081	G-142	Ford Family of Cars and Trucks (81-89)	F	1.929	1.331		None			
33082	G-80	Dodge Omni, Plymouth Horizon (83-86)	F	3.500	1.250		None			
33083	G-150	Ford Family of Cars and Trucks (77-91)	FC	1.259	.686	.410	Packed	1.060	.880	.031
33085	G-65	Toyota Celica, Corolla, Corona (78-87), Trucks (83-90)	F	2.300	2.051		None			
33086	G-76	Chrysler K Cars 2.2L (81-87)	F	3.485	1.240		None			
33087	G-53	Dodge Colt/Challenger (71-88), Mitsubishi (83-89)	F	3.570	1.880		None			
33089	G-69	Subaru All Models (1980-87), Chevrolet Spectrum (85-88), Isuzu I Mark (85-89)	F	2.106	T-2.047 B-1.712		None			
33090		Mack Trucks (55-69) (16 Micron)	CFM	6.312	3.781	.625	15062	4.687	4	.062
33091		Cummins Tier 2 QSB & 2VE Engines	SOFW	7.587	3.693	20X1.5 MM	Attached	2.835	2.461	.2
33092	G-57	Toyota Landcruiser (73-82)	F	3.375	1.996		None			
33093	G-90	Cadillac All Except Cimarron (82-85)	F	4.900	2.170		None			
33095	G-7	Dodge/Chrysler Family of Cars (80-89), Yugo (86-89)	F	3.490	1.260		None			
33096		John Deere - Pre-fuel filter	KWFM	7.750	T-3.340 B-3.120		None			
33097	G-14A	Ford/Lincoln/Mercury Vehicles w/ EFI (83-08) - two standard fuel filter clips packed w/ the filter - if shorter clips needed, order part # WCK11 separately	F	5.635	3.050		None			
33097MP		Master Pack of (6) 33097	MP	5.635	3.050		None			
33098	G-143	Ford Truck w/Elec. In-Tank Fuel Pump (83-87)	F	1.970	1.050		None			
33099	G-23A	Ford Probe (93-97), Mazda (93-01)	F	5.750	3.104		None			
33100	G-188A	Chev S-10, GMC S-15/Sonoma Trks (00-03)	F	8.100	T-2.370 B-2.150		None			
33101		Allis-Chalmers, Continental Engines (10 Micron)	CFM	3.968	2.903	.812	15137	3.735	3.235	.062
33102		Allis-Chalmers, Continental Eng., IHC Tractor	CFM	3.875	3.094	.567	15137	3.735	3.235	.062
33104		Allis-Chalmers, Continental, Euclid, Gardner-Denver, M-F	CFM	4.937	4.218	.553	15017	4.736	4.3	.072
33105	G-88C	Hyster Lift Trucks	F	3.268	1.400		None			
33106		Cummins Engines (50-59), IHC Trucks (16 Micron)	CFM	4.778	3.984	.765	15147	4.736	4.34	.072
33107		Various Cummins Engines, Hino, Komatsu (10 Micron) - Longer version is 33109 or 33115	SOF	4.354	3.663	1-14	Attached 15625	2.729 1.187	2.415 .915	.255 .16
33109		Cummins Engines - Extended Life (10 Micron) - Longer version is 33115 - Shorter version is 33107	SOF	5.209	3.663	1-14	15625 Attached	1.187 2.729	.915 2.415	.16 .255
33109MP		Master Pack of (12) 33109	MP	5.209	3.663	1-14	Attached 15625	2.729 1.187	2.415 .915	.255 .16
33110		Allis-Chalmers Forklifts, Gardner Denver, Hercules, (10 Micron)	CFM	2.434	2.903	.588	15134	3.25	3.03	.125
33111		Fuel Water Separator	SOFW	8.963	4.260	1 ⁵ / ₁₆ -16	Attached	2.810	2.460	.210
33112		Various Equipment using Deutz, Mercedes, Volvo Engines (10 Micron)	CFM	5.608	3.372	.530	15312 [®]	3.987	3.687	.13
33113		Allis-Chalmers, Case, Clark, Continental, Waukesha (10 Micron)	CFM	3.750	3.092	1.095	15131	3.587	3.317	.125
33114		CAV Fuel Systems, IHC, Perkins, Cockshutt Tractors Land Rover (70-74) (10 Micron)	CFM	2.909	3.375	.750	Packed	3.906	3.656	.112
33115		Cummins Engines - Extended Life (10 Micron) - Shorter version is 33109 or 33107	SOF	6.987	3.663	1-14	Attached 15625	2.729 1.187	2.415 .915	.255 .16
33116		Cummins, Komatsu, Other (10 Micron) - if Fuel/Water Separator version required, use 33613	SOF	11.345	4.668	1 1/4-12	Attached	4.320	3.820	.365
33117		Allis-Chalmers HD-20, Continental, Michigan, Oliver, Waukesha (10 Micron)	CFM	7.687	3.093	.925	15131 [®] 15310 [®]	3.587 4.014	3.317 3.828	.125 .125

TECHNICAL DATA

* CFM=Cartridge Fuel Metal Canister Filter; CFS=Cartridge Fuel Sock Filter; F=Fuel (Complete In-Line) Filter; FC=Fuel Cartridge (Special Type) Filter; KWFM=Key-Way Style Fuel Manager Filter; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter; MP=Master Pack
[®] Housing gasket not packaged with filter - order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33118		Detroit Diesel Engines (75-on) Primary (30 Micron)	SOF	7.827	3.698	1-12	Attached	3.555	3.174	.260
33118MP		Master Pack containing (12) 33118	MP	7.827	3.698	1-12	Attached	3.555	3.174	.26
33119		Dahl Fuel Water/Separator	CFM	4.620	6.070	T-1.480 B-3.280	None			
33120		Various Detroit Diesel Engines Secondary (10 Micron) (For glass media version, use 33815)	SOF	6.930	3.698	1 ³ / ₁₆ -12	Attached	3.444	3.100	.260
33120MP		Master Pack containing (12) 33120	MP	6.930	3.698	1 ³ / ₁₆ -12	Attached	3.444	3.1	.26
33121		Detroit Diesel 8.2 Liter Eng. (81-92) Primary (30 Micron)	SOF	5.189	3.670	1-12	Attached	3.444	3.100	.260
33122		Detroit Diesel 8.2 Liter Eng. (81-92) Secondary (10 Micron)	SOF	4.354	3.663	1 ³ / ₁₆ -12	Attached	3.444	3.100	.260
33123		Chevrolet & GMC Trucks 6.2L Diesel Eng. (82-83); Fuel/Water Separator w/Drain (12 Micron) (If base needed for this filter, use 24309)	SOFW	6.629	3.698	1-12	Attached	3.444	3.100	.260
33124		Secondary Used with 33123 (6 Micron)	SOF	4.828	2.939	16X1.5 MM	Attached	2.736	2.430	.226
33125		Clark 75C Loader (10 Micron)	SOF	4.354	3.663	1-12	Attached	3.444	3.100	.260
33128	G-180	Chev, Dodge, Isuzu, Mitsubishi Trucks w/Diesel Engines, Cat, Hyster, Komatsu, Toro, Other	SOF	5.524	3.830	20X1.5 MM	Attached	2.85	2.525	.125
33129	G-60A	Various GM, Isuzu Vehicles (02-06)	F	4.850	2.170		None			
33130	G-170	Chevrolet, GMC P & K Series Trucks w/6.2 L Diesel (83)	F	2.430			None			
33131		Dahl Fuel Water Separator Systems (2 micron)	CFM	9.680	6.070	T-1.480 B-3.260	Packed Attached	6.824 3.877	6.484 3.609	.134 .134
33132		Various Equipment w/Caterpillar Engines	KWFM	7.670	3.270		None			
33133		Allis Chalmers, Cerlist Diesel	CFM	7.623	3.092	.725	Packed	3.587	3.317	.125
33134		Used with 33133 (14 Micron)	CFM	4.781	3.092	.750	15131	3.587	3.317	.125
33135	G-95	Porsche (75-89)	F	6.398	T-3.150 B-2.953		None			
33136	G-171	Chevrolet and GMC Trucks with 6.2 Liter Diesel (84-93), Ford 2.3 L Diesel (85-87), Jeep 2.1 L Diesel (85-87)	F	2.640			None			
33138	G-179	Toyota Corolla, Camry, Truck w/Diesel Eng. (84-87) - Toyota, Nissan Trks, Manitou Forklifts (has 36X1.5 MM threaded port on dome end)	SOF	5.413	3.730	3/4-16	Attached	2.500	2.270	.115
33140	G-27A	2001-03 Dodge Sprinter/Freightliner Vans w/ Mercedes MBE600 2.7L Diesel	F	4.775	3.594		None			
33141	G-88	Mercedes 280SE, 300SEL (71-72), BMW (72-77)	F	5.750	3.135		None			
33143		John Deere Tractors (10 Micron)	CFM	4.122	3.371	T-CLOSED B-.750	15310	4.014	3.828	.125
33144		Cummins Engines (62-77) (10 Micron)	CFM	9.813	5.980	.969	Packed Packed	6.562 6.875	6.062 6.4	.062 .093
33147		Austin-Western, IHC TD-6 (16 Micron)	CFM	6.344	3.278	1.031	None			
33148		Adams, Austin-Western, Hough, IHC, Komatsu (10 Micron)	CFM	6.681	3.372	T-.553 B-1.341	15070	3.89	3.7	.156
33149		Mercedes (76-86) (10 Micron)	SOF	3.404	2.939	14X1.5 MM	Attached	2.736	2.430	.226
33150	G-23B	Suzuki Vitara (99-04)	F	5.390	2.950		None			
33152		Mercedes (84-99)	SOF	3.976	3.189	12X1.5 MM	Attached Packed (O-Ring) Packed (O-Ring)	2.780 .587 .473	2.425 .433 .315	.220 .079 .079
33153	G-145	Mercedes (77-98)	F	5.748	T-2.913 B-3.149		None			
33156	G-104	Various Alfa-Romeo, Audi, Jaguar, Peugeot, Saab, VW (80-05)	F	5.177	3.134		None			
33157		Adams 610, Barber-Greene 847, Galion 118, Hough D90, D100, IHC TD20. (Primary)	CFM	6.719	4.188	T-.800 B-1.615	15017 [®] 15067 [®]	4.736 4.97	4.3 4.77	.072 .125
33158		Secondary Used With 33157 (10 Micron)	CFM	6.656	4.281	T-.800 B-1.615	15017 [®] 15067 [®]	4.736 4.97	4.3 4.77	.072 .125
33161	G-19A	Alfa-Romeo (80-93), BMW (79-96), Jaguar (80-89), Renault (81-88), Triumph (80-81)	F	6.790	3.080		None			
33163		Hercules Engines, Fairbanks-Morse, Oliver Tractors (24 Micron)	CFM	3.815	T-3.437 B-3.027	T-1.450 B-.700	Packed	3.375	3.125	.125
33165		Case, Ford, Oliver, Minneapolis-Moline (52-63) (10 Micron)	CFM	2.880	T-3.390 B-3.325	T-.698 B-.583	Attached Attached	3.325 3.240	2.660 2.685	.062 .062
33166		CAV Fuel Systems - All Major Equipment (10 Micron)	CFM	2.825	T-3.470 B-3.328	T-.750 B-.875	Packed O-Ring O-Ring 15366	3.375 .755 .379 3.459	3.125 .549 .239 3.159	.125 .103 .07 .12

* CFM=Cartridge Fuel Metal Canister Filter; F=Fuel (Complete In-Line) Filter; KWFM=Key-Way Style Fuel Manager Filter; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter; MP=Master Pack

[®] Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33166MP		Master Pack Containing (12) 33166	CFM	2.825	T-3.470 B-3.328	T-.750 B-.875	Packed O-Ring O-Ring 15366	3.375 .755 .379 3.459	3.125 .549 .239 3.159	.125 .103 .07 .12
33167		Aston-Martin, Atlas-Copco, Daewoo, Case-IH, Deutz, Mahindra Tractors, Mercedes, Other (16 Micron)	CFM	4.451	2.718	.541	15378	3.187	2.937	.118
33168		Various Cummins Marine Engines	SOF	5.460	3.690	13/16-18	Attached	2.83	2.46	.2
33169		Komatsu D-60, D-65 Dozers (10 Micron)	CFM	9.188	4.970	1.000	15655	6.687	6.187	.25
33173		M.A.N. Trucks	CFMF	6.878	3.710	T-.500 B-1.809	Packed (O-Ring)	4.26	3.96	.15
33176	G-36E	Fiat 500 (12-13)	F	6.878	2.112					
33177		DAF, Paccar Trucks - fits Paccar MX Series (12.9L) diesel engines	SOF	8.444	3.779	1-14	Attached	2.818	2.46	.215
33179	G-19E	Audi, Volkswagen (80-05)	F	6.260	3.189		None			
33180		Caterpillar (2 per pkg.) (10 Micron)	CFM	6.500	3.375	T-.406 B-1.083	15135			.062
33181		Caterpillar (1 per pkg) (10 Micron)	CFM	6.465	3.371	T-.406 B-1.085	15635			.031
33182		Allis-Chalmers, Bucyrus-Erie, Fairbanks-Morse, Hercules, I/R, Lathrop Marine. (16 Micron)	CFM	6.125	3.375	T-CLOSED B-.750	15080 Packed	4.445 1.500	4.035 .718	.093 .187
33183	G-87A	GM Family of Vehicles (97-04)	F	5.780	1.950		None			
33184		33411 with sensor port and drain - can be used in place of 33231 or 33232 - Has 3/16" - 18UNF-2B sensor port thread (33611 has slightly different sensor port thread)	SOFW	6.781	4.250	1-14	Attached	3.984	3.593	.250
33185		Perkins, Tennant, Transicold Refrigeration Units (10 Micron)	CFM	6.776	2.901	.812	15122	3.156	2.916	.125
33187		Caterpillar (2 per pkg.) (10 Micron)	CFM	6.500	3.375	T-.406 B-1.083	15166			.062
33188		Caterpillar (2 per pkg.) (10 Micron)	CFM	6.500	3.375	T-.406 B-1.083	15364			.031
33189		Caterpillar (1 per pkg) (10 Micron)	CFM	6.500	3.375	T-.406 B-1.083	15183			.062
33190	G-37E	Chevrolet Lumina APV (90-91), Olds Silhouette (90-91), Pontiac Trans Port (90-91) (Bracket Included)	F	6.800	2.160		None			
33191	G-186	Allis-Chalmers, Case, Continental, Hercules,IHC, MF, Michigan, Waukesha.(In-Line Fuel) (1/4 X 28 UNF)	F	6.600	3.875		None			
33192		Clark/Melroe 753 Bobcat Loader.(w/Drain) (14 Micron)	SOFW	4.088	2.985	16X1.5 MM	Attached Packed	2.865 .871	2.421 .595	.217 .143
33193	G-37	Buick Roadmaster (94-96), Cadillac Fleetwood (94-96), Chevrolet Caprice (94-96), Chevrolet Impala SS (96)	F	6.470	2.176		None			
33194		Fordson Diesels, Perkins Engines(10 Micron)	CFM	3.058	2.889	1.062	15122 Packed	3.156 1.880	2.916 1.281	.125 .250
33195		Bobcat, Bomag, Ditchwitch, Deutz engines, Ford Trks, Other (10 Micron)	SOF	4.077	3.015	16X1.5 MM	Attached Packed	2.74 .871	2.37 .595	.275 .143
33196		CAV Fuel Systems, Fits Various Equipment (6 Micron)	CFM	4.437	T-3.470 B-3.321	T-.750 B-.875	15242 Packed 15366 ⁸	3.375 .755	3.125 .549	.125 .102
33197		Simms Fuel Systems, MF Tractors, Perkins Eng. (16 Micron)	CFM	5.250	T-3.321 B-3.470	T-.875 B-.750	15242	3.375	3.125	.125
33199	G-15A	Buick Reatta, Riviera (90-92), Cadillac Eldorado, Seville (90-92), Olds Toronado (90-92)	F	6.732	2.176		None			
33200	G-3	Honda Prelude (83-87)	F	3.287	1.350		None			
33201	G-82	Subaru Cars (80-87)	F	3.307	T-2.268 B-1.890		None			
33202	G-75	Honda Prelude (82), Honda Accord (82-85)	F	3.748	1.580		None			
33203	G-44	Honda Civic (82-83)	F	2.598	1.732		None			
33204	G-47	Honda Family of Cars (82-87) Primary, Subaru (86-89) Mazda RX7 and 626 (83-85), Trucks (85-92) Carb. Eng.	F	2.284	T-3.661 B-1.744		None			
33205	G-74	Honda 1300 & 1500 (82-83)	F	3.760	1.350		None			
33206	G-1	Honda Civic (84-87), CRX (84-86)	F	3.276	1.350		None			
33207		Racor 200 Series Fuel Assembly - used on vehicles w/ diesel engines (75-90) (14 Micron)	CFM	2.838	1.673	T-CLOSED B-.480	15208 15209	2.381 4.443	2.175 4.237	.103 .103
33208		Racor Fuel Systems Light Trucks (14 Micron)	CFM	2.714	3.372	.650	Packed 15204	.629 3.862	.489 3.562	.070 .15

TECHNICAL DATA

* CFM=Cartridge Fuel Metal Canister Filter; CFMF=Cartridge Fuel Metal Free Filter; F=Fuel (Complete In-Line) Filter; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter
⁸ Housing gasket not packaged with filter - order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33209		Racor Fuel Systems - Medium Duty Trks (14 Micron)	CFM	4.695	4.092	T-.650 B-.790	Packed (3)			
33210		Racor Fuel Systems - HD Trucks (14 Micron) (Vehicles up to 2001)	CFM	9.757	4.092	.750	15316 Attached Attached	5.02 1.250 1.250	4.75 .790 .650	.135 .125 .125
33211		Ford Trucks w/6.6L, 7.8L Diesel Engines (87-91) (14 Micron) - Can use 33426 which is a complete spin-on unit w/ drain (33211 cannot be used with heating unit)	SFWOE	4.650	3.810	1-14	Packed Attached	3.500 3.567	3.234 3.185	.139 .240
33212		Racor FG1000 Fuel Systems (2 Micron) - Vehicles up to 2001	CFM	9.757	4.092	.750	15316 Packed Packed	5.02 .629 .758	4.75 .489 .546	.135 .070 .106
33214	G-72	Nissan Trucks (80-85)	F	2.500	1.580		None			
33216		Mack Trucks - Secondary (6 Micron)	SOF	10.365	4.282	1 1/16-16	Attached	3.967	3.587	.340
33217		Ford Trucks w/7.3L Diesel (87-95) (14 Micron) Can use 33417 (Spin-on element w/ drain) - Also can use 33617 or 33805 (Spin-on element w/ drain + sensor port - 33617 sensor is 7/16-20 - 33805 sensor is 1/2-20)	SFWOE	4.055	4.282	1-14	Attached Packed	3.600 3.637	3.200 3.359	.360 .139
33218		Mack, Iveco Trucks - Secondary (6 Micron)	SOF	8.053	4.282	7/8-16	Attached	2.834	2.462	.200
33219		Mack Trucks - Primary (35 Micron)	SOF	8.113	4.282	13/16-18	Attached	2.834	2.462	.200
33220	G-168	Peugeot (81-87)	CFM	4.000	2.559	.551	None			
33221	G-30	Mazda RX-7 Turbo (86-92)	F	6.380	2.795		None			
33223	G-127	Toyota Celica (86-89), Corolla FX (87-88)	F	4.654	2.795		Packed (2)			
33224	G-178	Nissan 720 Trucks w/Diesel Engines (82-85) (Obsolete)	F	5.216	3.370	3/4-16	None			
33225		Mercruiser Marine Engines (14 Micron) - Shorter version is 33226	SOFW	4.359	3.694	11/16-16	Attached	2.834	2.462	.200
33226		Mercruiser Marine Eng. (14 Micron) - Longer version is 33225	SOFW	3.797	3.684	11/16-16	Attached	2.834	2.462	.200
33227	G-61B	Chrysler Family of Cars (91-95)	F	4.650	2.175		None			
33228	G-20A	BMW (95-06)	F	11.811	2.165		None			
33229	G-104A	Hyundai (96-04)	F	4.173	2.795		None			
33231		Ford Medium Duty Trks w/6.6L, 7.8L Engines, Atlas-Copco, DAF, John Deere, New Holland, Volvo Trks, Other (Can use 33411, complete spin on w/drain - if a spin-on w/ drain + sensor port required, use 33184 or 33611)	SFWOE	5.145	4.282	1-14	Attached Packed	3.600 4.226	3.210 3.926	.340 .225
33232		IHC School Buses and Medium-Duty Trucks w/DT360 Diesel (Can use 33411, complete spin on w/drain - if spin-on w/ drain + sensor port is required, use 33184 or 33611)	SFWOE	5.200	4.282	1-14	Attached Packed	3.600 3.637	3.210 3.359	.340 .139
33233	G-14E	Ford Ranger, Mazda B3000 Trks (99-00), Explorer (02-03)	F	7.000	T-2.300 B-2.240		None			
33234		Mack Trucks - Older Models - Primary (10 Micron)	CFM	6.157	3.781	1.084	15018	4.687	4.25	.062
33235	G-14D	Hyundai Accent (00-05)	F	4.803	T-2.559 B-2.125		None			
33236	G-111A	Toyota (00-05) (Without Bracket)	F	3.740	T-2.520 B-1.970		None			
33238	G-106B	Porsche (83-91)(96-97)	F	6.634	3.252		None			
33239		IHC H.D. Trucks, IHC Tractors (Primary) (32 Micron)	SOF	5.137	3.670	1-14	Attached	2.729	2.415	.255
33240		IHC, Hough Tractors (Secondary) (10 Micron)	SOF	5.214	3.663	1-14	Attached	2.729	2.415	.255
33241		John Deere Tractors (10 Micron)	CFM	3.937	3.000	T-CLOSED B-.750	15352 Packed Packed	3.42 .755 1.375	3.234 .549 .750	.093 .102 .250
33242		Various Applications w/ Cummins Engines (10 micron) - has open bottom that requires reusable plastic bowl	SFWOE	6.622	3.708	1-14	Attached	2.834	2.460	.120
33243	G-18B	Ford (03-13), Lincoln/Mercury (03-10) - Has 2 Lines	F	7.192	T-2.318 B-2.010		None			
33244		John Deere Construction and Farm Equipment (19 Micron)	SOF	5.692	3.694	1-14	Attached Packed	2.729 1.217	2.415 .875	.255 .171
33245		Thermo King Refrig Units	SOFW	6.420	3.690	22X1.5 - 6H	Attached	2.830	2.460	.110
33246		Galion, Komatsu (19 Micron)	SOF	7.827	3.698	13/16-16	Attached	2.834	2.462	.200
33247		Volvo Penta, OMC Marine Engines	SOFW	3.404	2.939	13/16-18	Attached	2.734	2.430	.120
33248	G-11D	Case, Komatsu, New Holland - 1/2" Diesel In-Line - 100 Mesh Screen Media - can be used with gas or diesel	F	4.342	1.728		None			
33250	G-196A	Mercedes, Freightliner vehicles with diesel engines (07-13) - used with detachable heater and water sensor (remove from old filter and install on new - has 4 packed o-rings and drain screw)	F	4.523	3.622		Packed (4)			

* CFM=Cartridge Fuel Metal Canister Filter; F=Fuel (Complete In-Line) Filter; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter; SFWOE=Spin On Fuel Water Separator w/ Ope
 ® Housing gasket not packaged with filter - order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33251	G-197	Mercedes (09-13), Sprinter Vans w/ 3.0L Diesel - this filter used with detachable fuel heater - remove heater attachment from old filter and install on new filter (one o-ring packed w/ filter)	F	4.687	3.562		Packed (O-Ring)	.685	.501	.92
33252	G-107A	Various HD trucks - Sterling, Freightliner, Mack - In-line fuel filter for diesel applications	F	5.000	1.800		None			
33253	G-8		F	3.875	1.728		None			
33254		IHC Engines (Secondary) (10 Micron)	SOF	5.500	3.694	5/8-11	Attached	2.729	2.415	.200
33255		Dodge Ram Pickup w/ 6.7L diesel (10-13)	CFMF	5.301	T-4.275 B-3.766	T-CLOSED B-2.521	Packed	4.742	4.482	.13
33256		Audi w/ 2.0L Turbo Diesel (12-13)	CFMF	5.374	3.110	T-CLOSED B-.441	Packed (O-Ring)	3.149	2.913	.118
33257	G-14	Ford Taurus w/Flex Fuel System (94-02)	F	6.810	2.980		None			
33258		Hitachi, John Deere, JCB, Isuzu	CFM	5.480	3.720	T-CLOSED B-1.030	Packed (O-Ring) Packed (O-Ring)	.336 4.625	.212 4.365	.062 .13
33259	G-165B	Isuzu Trucks and Industrial Engines	CFM	3.346	2.835	.571	Packed (4)			
33260		Isuzu, Hino, Hitachi, Komatsu, White (10 Micron)	CFM	4.133	2.693	.625	Packed (4)			
33261		European Industrial Engines Claas, Fahr, Rockwell, Farymann Diesel, etc.	CFM	2.700	2.075	.630	Packed	1.513	.831	.84
33262		Ford, John Deere, Mahindra Tractors, Massey Ferguson, Mitsubishi, Takeuchi, Yanmar, Other	CFM	2.717	1.378	T-CLOSED B-.492	None			
33263		Hitachi, John Deere, Komatsu, Yanmar Applications	CFM	3.490	1.378	T-CLOSED B-.472	None			
33264		Bolens, IHC, John Deere Lawn/Garden Tractors	CFM	2.270	1.140	T-CLOSED B-.515	None			
33265	G-111	Geo Storm (90-93), Isuzu (90-92)	F	4.215	2.170		None			
33266	G-165A	Ford Ranger w/2.3L Engine (85), Bronco and F Series w/V-8 302 EFI Engine (85)	CFM	2.490	2.753	T-CLOSED B-.500	Packed 15347	.754 3.379	.614 3.239	.070 .07
33267	G-37A	GM Family of Cars V-8 5.0L/5.7L (90-91)	F	6.470	2.176		None			
33268	G-154	Ford Light Trucks + Vans (86-89) (6 Micron)	CFM	1.500	2.753	T-CLOSED B-.500	Packed 15347	.754 3.379	.614 3.239	.070 .070
33269	G-144B	Case 7110, 7120, John Deere 4650, 4850 Tractor, Cummins In-Line	F	3.585	1.900		None			
33270	G-8B	Cummins and IHC - 3/8" In-Line Fuel Strainer - 120 Mesh - can be used with gas or diesel (sometimes used as a hydraulic breather filter)	F	3.850	1.940		None			
33271	G-167	Cadillac (76-84), Chevrolet, GMC Trucks (60-89), Dodge (57-78), Ford Cars, Trucks (58-89), Marine + Industrial Applications (10 Micron)	CFM	3.401	2.064	T-CLOSED B-.439	15174	2.768	2.468	.125
33272	G-19B	BMW 750iL w/V-12 (88-94), 850i (90-97)	F	7.992	2.165		None			
33273		Ford Heavy Duty Trucks (58-83) (16 Micron)	CFM	5.028	3.778	.770	15147	4.736	4.34	.072
33274	G-42	Volkswagen Beetle (75-79), Vanagon (80-85)	F	3.480	2.220		None			
33275	G-70	Chevrolet Nova (85-88), Toyota Corolla (88-89)	F	2.250	2.200		None			
33276	G-106	BMW 320i (80-83), Porsche (84-95)	F	5.354	2.953		None			
33277	G-109	Audi & Volkswagen (84-89), Volvo (83-87) Peugeot (87), Porsche (78-79)	F	6.890	T-3.504 B-3.189		Packed (2)			
33279	G-105	Audi (88-00), Peugeot (82-86), Saab (81-09), VW (86-95), Volvo (80-98)	F	6.063	T-3.400 B-3.189		Packed (4)			
33280	G-31A	Ford Festiva w/4 Cyl. 1.3L EFI Eng. (89-93)	F	5.890	2.800		None			
33281		Fiat-Allis, Hitachi, Iveco, New Holland, Other (10 Micron)	SOF	6.605	4.262	3/4-16	Attached	2.834	2.462	.200
33282	G-139	Acura Legend (86-88), Sterling 825 & 827 Series (87-91)	F	4.173	3.386		None			
33283	G-140	Acura Legend (89-95)	F	4.173	T-3.386 B-2.756		Packed (3)			
33284	G-26	Geo Metro (89-94), Suzuki Swift (89-94)	F	4.000	3.390		None			
33285	G-138B	Honda Accord (90-93) Civic, Del Sol (92-95)	F	3.700	3.386		Packed (3)			
33288	G-118	Daihatsu, Eagle, Mitsubishi, Plymouth Imports, Toyota (89-94)	F	4.843	2.756		None			
33289	G-32	Mazda Miata (90-97)	F	5.984	2.795		None			
33290	G-25A	Mazda 323 w/1.6L (86-89), Mercury Capri (89-93).	F	5.197	2.795		None			
33291	G-105B	Audi (83-94), SAAB (85-92), Volkswagen (86-91)	F	6.860	T-3.400 B-3.200		Packed (3)			
33292	G-137	Acura Integra 4 Cyl. 1.8L Eng. (90-91)	F	3.780	3.425		None			
33293	G-15	Ford T-Bird and Mercury Cougar w/V-6 Eng. (89-91), Ford Escort w/2.0L Eng. (97-02), Mercury Tracer (97-99)	F	5.845	T-2.260 B-2.003		None			

TECHNICAL DATA

* CFM=Cartridge Fuel Metal Canister Filter; CFMF=Cartridge Fuel Metal Free Filter; F=Fuel (Complete In-Line) Filter; SOF=Spin-On Fuel Filter
 † Housing gasket not packaged with filter - order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33294	G-128	Geo Prizm (89-92), Toyota Corolla (90-92)	F	4.614	2.795		None			
33295	G-31B	KIA Sephia (95-97), Mazda (90-99)	F	6.732	2.795		None			
33296	G-14B	Ford Trucks + Vans (90-05) (08-13), Mazda Trucks (91-99) (08-11)	F	6.696	3.080		None			
33296MP		Master Pack of (6) 33296	MP	6.696	3.080		None			
33297	G-29	Mazda MPV w/3.0L Eng.(89-99)	F	5.630	2.795		None			
33298	G-28	Mazda Trucks EFI (89-94)	F	5.709	T-2.795 B-2.180		None			
33299	G-11C	GMC Motorhomes V-8 454 Eng. (89-91)	F	4.352	1.729		None			
33300	G-15C	Ford Thunderbird, Mercury Cougar, Lincoln (92-98)	F	6.400	2.320		None			
33301	G-15B	Chrysler Concorde, Dodge Intrepid, Eagle Vision (93-97)	F	6.699	2.160		None			
33302	G-63A	Chrysler Lebaron (92-95), Dodge Daytona and Shadow (92-94), Plymouth Sundance (92-94)	F	3.080	2.150		None			
33303	G-63B	Various Chrysler w/ Flex Fuel (93-94) (Methanol M85 Fuels)	F	10.962	2.145		None			
33304		Case, New Holland Tractors	KWFM	6.044	T-2.730 B-3.337	T-.727 B-CLOSED	None			
33306R		Wix Racing Fuel Filter - for fuel injected engine applications	CFM	4.03	1.969	T-CLOSED B-.795				
33308	G-31	Mazda (92-01)	F	5.150	2.795		None			
33309	G-25B	Mazda RX-7 (93-95)	F	5.197	T-2.795 B-2.180		None			
33310	G-6B	Acura (96-00), Honda (95-02), Isuzu (93-04) - Can be used w/ Gas or Diesel	F	5.560	2.160		None			
33311	G-89B	GM Family of Vehicles (92-07)	F	5.465	2.165		None			
33311MP		Master Pack Containing (12) 33311	F	5.465	2.165		None			
33312	G-59A	Subaru Justy w/1.3L EFI (90-94)	F	5.835	2.790		None			
33313		McCormick Farm Equipment	KWFM	7.500	3.350					
33315	G-188G	Cadillac SRX (10-11)	F	6.142	2.154					
33316	G-20	AMC, Eagle Premier w/2.5 & 3.0L Eng.s. (88-91), Dodge Monaco (90-91), Jeep Grand Cherokee (93-96)	F	6.780	2.653		None			
33318	G-36C	Dodge Full Size Vans (90-91), Dodge Light Trucks(91-97)	F	5.550	2.189		None			
33319	G-115	Hyundai (95-04), Kia (02-06), Lexus (90-00), Toyota (88-04) (Without Bracket)	F	4.449	2.756		None			
33320	G-62	Chrysler Family of Cars 2.2L EFI Turbo (85-89)	F	4.586	2.175		None			
33321	G-63	Dodge Trucks, Vans (88-93) (Element w/ bracket - no attached hoses + clamps)	F	4.744	2.176		None			
33322	G-36B	Dodge Monaco, Eagle Premier (91-92)	F	6.740	2.170		None			
33323	G-61A	Chrysler Family of Cars (88-91)	F	3.870	2.175		None			
33324	G-36A	Chrysler Mini Vans (88-95) - Includes bracket	F	4.705	2.189		None			
33325	G-87	Dodge Vans 3.9L Eng. (92-94), Dodge Viper (93-00).	F	6.102	2.150		None			
33326	G-27	Mazda (88-92), Ford Probe (89-92)	F	5.267	2.795		None			
33327		Case Tractors, Eurostar Trucks, Iveco Eurotech	SOFW	7.347	3.680	14X1.5 MM	Attached	2.81	2.46	.215
33328	G-33	Mazda MX-6 (wo/ABS), 626 (88-92), Ford Probe w/o Turbo (89-92)	F	7.062	2.795		None			
33329	G-24	Mazda 929 V-6 3.0L EFI Eng.(88-91)	F	5.275	2.795		None			
33330	G-135	Honda Civic 1500, CRX, Wagon SOHC (88-91)	F	3.661	3.346		Packed (5)			
33331	G-136	Honda Prelude SI/SE (88-91)	F	3.661	3.346		None			
33334		IHC, Dresser, Galion, Thermo King (Secondary - 19 Micron)	SOF	7.827	3.698	1-14	Attached	2.834	2.462	.255
33335	G-63E	Chrysler Lebaron, Dodge Spirit and Plymouth Acclaim (94-95)	F	11.959	2.175		None			
33336		Agco, IHC, Case, Galion, Hercules, Komatsu, Thermo King (Secondary) (6 Micron)	SOF	7.827	3.698	7/8-14	Attached	2.729	2.415	.255
33336MP		Master Pack containing (12) 33336	MP	7.827	3.698	7/8-14	Attached	2.729	2.415	.255
33337		IHC DT360, DTA360 Engines (10 Micron)	SOFW	9.404	4.282	7/8-14	Attached	2.834	2.462	.200
33338		IHC, Dresser, Agco, Komatsu (Secondary - 6 Micron)	SOF	8.113	4.282	7/8-14	Attached	2.834	2.462	.200
33339		IHC, Dresser, Galion, Komatsu (Primary) (32 Micron)	SOF	6.987	3.674	1-14	Attached	2.834	2.462	.255
33340		IHC, Galion, Hough, Transcold (Secondary - 10 Micron)	SOF	6.987	3.674	1-14	Attached	2.834	2.462	.255
33341		IHC, Agco, Dresser, Galion, Case, Fiat-Allis, Komatsu (Primary) (32 Micron)	SOF	7.827	3.698	1-14	Attached	2.834	2.462	.255
33342		IHC, Dresser, Galion, Hough, Komatsu (Secondary - 10 Micron)	SOF	7.827	3.698	1-14	Attached	2.729	2.415	.255

* CFM=Cartridge Fuel Metal Canister Filter; F=Fuel (Complete In-Line) Filter; KWFM=Key-Way Style Fuel Manager Filter; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter; MP=Master Pack

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33343		Nissan UD Trucks, Chevy/GMC Medium Duty Trucks, Hitachi, Isuzu	SOF	5.189	3.663	3/4-16	Attached	2.834	2.462	.200
33344		Fiat Allis, Hesston, Hitachi, Iveco	CFM	7.410	3.565	T-1.029 B-.515	None			
33345		John Deere Equipment	KWFM	7.670	3.270		None			
33346	G-63D	Dodge and Plymouth Neon (95-97)	F	2.800	2.160		None			
33347	G-63C	Chrysler Products (95-98)	F	5.375	2.155		None			
33348		Lister, Petter Diesel Engines (10 Micron) Special Order Gasket pack 15398 - Consists of 2 Gaskets w/OD's of 1.360 and .400.	CFM	1.500	2.320	T-.260 B-.830	15405 15398 [®]	2.495	2.338	.06
33349		Dodge PU w/ 5.9L Diesel Eng. (97-99)	CFMF	4.339	T-4.230 B-3.578	T-1.260 B-.746	Attached Attached Attached	2.000 4.220 1.085	1.800 3.820 .755	.100 .145 .335
33351		Allis-Chalmers, Case, Caterpillar, Ford, IHC (6 Micron)	SOF	5.227	3.691	15/16-16	Attached	2.729	2.415	.255
33352		Caterpillar, Komatsu, Nissan, Other (6 Micron) - (2 Micron version is 33528)	SOF	6.987	3.663	1-14	Attached	2.729	2.415	.255
33352MP		Master Pack containing (12) 33352	SOF	6.987	3.663	1-14	Attached	2.729	2.415	.255
33353		Various Case (Primary) (32 Micron)	SOF	5.770	3.694	13/16-18	Attached	2.834	2.462	.200
33354		Secondary used with 33353 (10 Micron)	SOF	5.137	3.670	15/16-16	Attached Packed	2.834 1.187	2.462 .915	.200 .218
33355		Case Tractors (16 Micron)	SOF	7.827	3.698	15/16-16	Attached Packed	2.834 1.187	2.462 .915	.200 .218
33356		Caterpillar 3116, 3208 Engines	SOF	7.090	3.180	1-14	Attached	2.520	2.260	.130
33357		Case, Consolidated/Cummins Engines (12 Micron)	SOFW	6.081	3.710	13/16-18	Attached Packed	2.834 1.046	2.462 .770	.200 .186
33357MP		Master Pack version of 33357	SOFW	6.081	3.710	13/16-18				
33358		Case, Cummins, Deutz, Perkins, Volvo (10 Micron) If drain is needed use 33472	SOF	4.709	3.015	16X1.5 MM	Attached Packed	2.740 .871	2.370 .595	.275 .143
33358E		Various diesel engines	SOF	123	75	16				
33358MP		Master Pack of (12) 33358	SOF	4.709	3.015	16X1.5 MM	Attached Packed	2.740 .871	2.370 .595	.275 .143
33359		Ford, Lincoln, Mercury w/ V-8 5.0L (81-83) (6 Micron)	SOF	3.530	2.966	13/16-18	Attached	2.750	2.400	.125
33360		Caterpillar 571, 572, 835, 825, 963 (25 Micron)	CFM	2.928	2.313	1.000	None			
33361		ABG, Demag, Deutz, Ford, Hatz, Other (6 Micron)	SOF	3.352	2.939	16X1.5 MM	Attached	2.736	2.430	.226
33363		Fleetguard FS1010 Housings	CFM	6.470	T-4.310 B-4.290	T-CLOSED B-.650	None			
33363XE		High Efficiency Version of 33363	CFM	6.468	4.620	T-CLOSED B-.650	None			
33364		OMC Marine Engines (14 Micron)	SOFW	4.360	3.810	1-12	Attached	2.820	2.420	.220
33365		Onan Engines - Primary (10 Micron)	SOF	5.385	3.413	7/16-20	Attached Attached	2.040 3.225	1.770 2.995	.155 .225
33366		Onan Engines - Secondary (6 Micron)	SOF	5.385	3.413	3/8-24	Attached Attached	3.225 2.040	2.995 1.770	.225 .155
33367		Thermo-King Ref. Units - Primary (32 Micron)	SOF	7.600	3.673	1-14	Attached	2.729	2.415	.255
33368		Secondary used with 33367 (10 Micron)	SOF	5.209	3.663	7/8-14	Attached	2.729	2.415	.255
33369		Caterpillar, John Deere, Other - (Glass Case - F/W Separator - 10 micron)	F	3.337			None			
33370		John Deere + Other Farm Applications (Glass Case - 5 micron)	F	3.310			None			
33371		Various John Deere + Other Farm Applications (Metal Case - 5 Micron)	F	3.337			None			
33373		Deutz, IHC Equipment, Iveco Equipment (10 Micron)	SOF	5.811	2.985	16X1.5 MM	Attached	2.740	2.370	.275
33374		Caterpillar Engines (6 Micron) - (2 Micron version is 33674)	SOF	9.597	3.713	1-14	Attached	2.729	2.415	.255
33377		Various Caterpillar (5 Micron)	SOF	7.007	3.713	7/8-14	Attached	2.729	2.415	.210
33378		John Deere Equipment (25 Micron)	SOFW	6.547	4.243	1-14	Attached	2.834	2.462	.200
33379		Dodge Trucks w/5.9L Cummins Turbo-Diesel Engine (88-93)(14 Micron)	SOFW	4.805	2.976	16X1.5 MM	Attached	2.740	2.370	.275
33380		Case - Secondary (6 Micron)	SOF	4.978	3.694	15/16-16	Attached 15625	2.834 1.187	2.462 .915	.200 .16
33381		Primary used w/ 33380 (32 Micron)	SOF	4.978	3.694	13/16-18	Attached	2.834	2.462	.200
33382		Various Trks w/ Isuzu Diesel Engines, Hitachi, Linkbelt, Other (10 Micron)	SOF	3.812	3.673	3/4-16	Attached	2.538	2.224	.200
33383		Ford Trucks w/V-8 475, 477, 534 Engines (19 Micron)	SOF	6.087	3.663	1-14	Attached	3.555	3.174	.260

TECHNICAL DATA

* CFM=Cartridge Fuel Metal Canister Filter; CFMF=Cartridge Fuel Metal Free Filter; F=Fuel (Complete In-Line) Filter; KWFM=Key-Way Style Fuel Manager Filter; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter
[®] Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33384		Caterpillar 3406, 3412, 3408 Engines (16 Micron)	SOF	10.385	4.282	1-14	Attached	2.834	2.462	.200
33384MP		Master Pack containing (6) 33384	SOF	10.385	4.282	1-14	Attached	2.834	2.462	.2
33385		Caterpillar Trucks (6 Micron)	SOF	12.184	5.342	1 3/8-16	Attached	4.320	3.820	.365
33386		Various Hitachi, Isuzu, Komatsu & Kubota Equipment, TCM Forklift, Toyota Forklifts (10 Micron)	SOF	3.197	3.234	3/4-16	Attached	2.475	2.173	.233
33387	G-55	Suzuki Samurai (86-90), Suzuki Sidekick (89-90)	F	3.797	T-2.263 B-1.980		None			
33389		Various Equip w/ Kubota Engines	CFM	3.425	1.142	T-CLOSED B-.520	None			
33390		Allis-Chalmers, Hino, Hitachi, John Deere, Kubota, Other (10 Micron)	SOF	3.194	3.234	20X1.5 MM	Attached	2.475	2.173	.233
33391		John Deere, Kubota, Koehring (10 Micron)	SOF	4.436	3.694	20X1.5 MM	Attached	2.834	2.462	.200
33392		Kolher, Onan, Toro (14 Micron)	SOFW	3.374	3.023	16X1.5 MM	Attached Packed	2.74 .871	2.37 .595	.275 .143
33393		Hino, Isuzu, Mitsubishi, Nissan, Toyota Diesel Trucks (Secondary) (10 Micron)	SOF	4.069	3.234	3/4-16	Attached	2.487	1.987	.140
33394		Case, Cat, I-R, Mitsubishi Engines, Kobelco (10 Micron)	SOF	4.069	3.234	20X1.5 MM	Attached	2.487	1.987	.140
33395		Ford and Mazda Light Trucks w/Diesel Eng. (82-85), Kobelco Excavators (6 Micron)	SOF	4.382	3.698	20X1.5 MM	Attached	2.834	2.462	.200
33396		Mitsubishi FE Series Trucks (10 Micron)	SOF	3.812	3.672	20X1.5 MM	Attached	2.538	2.224	.200
33397		Caterpillar, Kato, Kobelco, Mitsubishi (10 Micron)	SOF	4.751	3.674	20X1.5 MM	Attached	2.538	2.224	.200
33398		Chevrolet/GMC Trucks w/Isuzu Engines, Iveco, Hitachi, Komatsu, Other	SOF	4.720	3.720	3/4-16	Attached	2.600	2.250	.175
33399		Atlas-Copco Generators, Caterpillar Excavators, Hyundai Excavators, John Deere Tractors, Kato Equipment, Komatsu Equipment, Mitsubishi Fuso Trucks, Takeuchi Equipment, Yanmar (10 Micron)	SOF	3.146	3.672	20X1.5 MM	Attached	2.538	2.224	.200
33400		Allis Chalmers, Fiat Allis Tractors, New Idea Combines - (10 Micron)	SOFW	8.420	3.698	1 1/8-16	Attached Packed	2.834 1.187	2.462 .915	.200 .218
33401		Fuel/Water Separator used on H.D. Optional Applications	CFM	8.690	5.830	1.000	Packed	6.750	6.270	.095
33402		Dodge Trucks w/5.9L Cummins Diesel (94-96)	SOFW	4.664	3.710	20X1.5 MM	Attached Packed Packed	2.834 1.046 1.255	2.462 .770 1.049	.200 .186 .103
33403		IHC DT466E, 530E, 551 Engines (96-02), Detroit Diesel Series 40	SOF	6.605	4.262	7/8-14	Attached	2.834	2.462	.200
33403MP		Master Pack version of 33403	SOF	6.605	4.262	7/8-14	Attached	2.834	2.462	.2
33404		Carrier Refrigerator Unit	SOF	5.143	4.282	1-14	Attached	3.967	3.587	.210
33405		Various Cummins, Hitachi, Kawasaki - w/Drain (14 Micron)	SOFW	7.219	3.698	1-14	Attached 15625	2.729 1.187	2.415 .915	.255 .16
33405MP		Master Pack of (12) 33405	MP	7.219	3.698	1-14	Attached 15625	2.729 1.187	2.415 .915	.255 .16
33406		Caterpillar Engines, Cummins Celect Engines - (14 micron - has standpipe) Shorter version is 33407	SOFW	9.805	3.677	1-14	Attached Packed	2.830 1.187	2.460 .915	.210 .16
33406MP		Master Pack containing (6) 33406	SOFW	9.805	3.677	1-14	Attached	2.83	2.46	.21
33407		Cummins Celect Engines	SOFW	7.980	3.680	1-14	Attached	2.830	2.460	.210
33408		Various Cummins B, ISB, QSB Series Engines	SOFW	5.819	3.693	20X1.5 MM	Attached	2.732	2.461	.155
33409	G-187	Ford Ranger (00-03), Mazda Trucks (00-04)	F	6.580	2.250		None			
33410	G-89I	Toyota Sequoia (01-09) - w/o bracket	F	4.780	2.54	T-CLOSED B-2.00				
33411		Complete Spin-on Unit w/Drain for Racor Systems - Can be used in place of 33231 or 33232 - If spin-on w/ drain + sensor port is required, use 33184 or 33611	SOFW	5.791	4.263	1-14	Attached	3.600	3.200	.290
33412		Various HD Trucks - Complete Spin-on w/Drain	SOFW	5.747	4.285	1-14	Attached	3.967	3.587	.340
33413		Nissan UD Trucks - has an open bottom that requires a reusable plastic bowl	SFOWE	4.025	T-4.330 B-4.240	1-14	Packed Packed	2.83 3.64	2.47 3.36	.22 .14
33414		OMC Mustang Loaders 552, 960, 2060, 2070	SOFW	4.426	3.663	1-14	Attached	3.550	3.140	.210
33416		Cummins Eng. w/Natural Gas Fuel	SOF	6.610	3.681	1 1/2-16	Attached	3.460	3.000	.280
33417		Can be used in place of 33217 - Complete spin-on unit w/ drain (no sensor port) - (33617 or 33805 are spin-ons w/ drain + sensor ports (33617 sensor is 7/16-20 - 33805 is 1/2-20)	SOFW	4.918	4.263	1-14	Attached	3.600	3.200	.360
33418		Detroit Diesel - w/Drain (12 Micron)	SOFW	8.419	3.698	1-12	Attached	3.444	3.100	.260
33419		Mack Fuel/Water Separator w/Drain	SOFW	8.689	4.282	1 3/8-18	Attached	2.860	2.500	.220

* CFM=Cartridge Fuel Metal Canister Filter; F=Fuel (Complete In-Line) Filter; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter; MP=Master Pack; SFOWE=Spin On Fuel Water Separator w/ Ope

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33420		IHC School Buses w/DT408 or DT466 Eng	SOF	5.816	3.015	7/8-14	Attached	2.740	2.370	.275
33421		Fuel/Water Separator (Optional Applications)	SOF	4.670	3.700	1-14	Attached	2.830	2.460	.210
33422		Various Cummins Engines - Has drain + sensor port - this sensor port is oval shaped - if square shaped sensor port required, use 33604	SOFW	9.378	3.657	1-14	Attached	2.834	2.400	.210
33423		Cummins ISM, ISX Engines.	SOFW	11.573	4.649	85X2 MM	Attached	4.680	3.999	.560
33424	G-188	Ford (02-13), Lincoln (07-13), Mercury, Mazda (02-10) - Has 3 Lines	F	7.000	T-2.220 B-2.000		None			
33425	G-15F	Daewoo Lanos, Leganza (99-02)	F	6.500	2.175		None			
33426		Complete spin-on element w/ drain - can be used in place of 33211	SOFW	5.640	3.690	1-14	Attached	3.430	3.110	.215
33427		Caterpillar 3612, 3616 Engines	CFM	10.375	5.015	2.130	None			
33429		Deutz Engines	CFM	6.732	3.936	T-CLOSED B-.748	Attached			
33431		Replacement element for Racor 110A Fuel Assembly - 10 micron version - 33438 is the 2 micron version	CFM	2.630	2.370	T-.622 B-.697	Packed (2)			
33432		Element for Racor 230R Fuel Assembly Series - 10 micron version - For 2 micron version, use 33776 - for 30 micron version, use 33614	SFWOE	4.020	3.800	1-14	Packed Packed (O-Ring)	3.544 3.463	3.115 3.223	.335 .12
33433		Element for Racor 215R Fuel Assembly base - 2 micron version - 33435 is the 10 micron version	SFWOE	3.290	3.800	1-12	Attached	3.87	3.19	.203
33434		Audi Q7 (09-13), VW Touareg (09-13) - Diesel engines	CFMF	3.134	4.000	1.700	Attached			
33435		Element for Racor 215R fuel assembly base - 10 micron version - 33433 is the 2 micron version - has open bottom that requires a reusable plastic bowl	SFWOE	3.290	3.800	1-12	Attached	3.87	3.19	.203
33436		Fuel/Water Separator used on Fram FCS 1136 Hsg.	CFM	3.763	2.908	1.046	None			
33437		Racor FH900, FH1000 Turbine Fuel Series for Over-the-Road Trucks (02 and up) - 30 Micron - 33437 is the OE style (taller, light media) - 33791 is the after-market version (slightly shorter, dark media) both work fine	CFMF	9.600	T-5.040 B-4.670	T-.640 B-.750	Packed (O-Ring) Packed	.47 4.73	.31 4.47	.08 .13
33438		Replacement element for Racor 110A Fuel Assembly - 2 micron version - 33431 is the 10 micron version	CFM	2.630	2.370	T-.622 B-.697	Packed	2.8	2.5	.094
33439		IHC Fuel/Water Separator w/Drain (14 Micron)	SOFW	8.419	3.698	1-14	15614	2.834	2.462	.255
33440		Racor Marine Applications w/ 400 & 600 Series Head (10 micron) - replaces Racor # R45T - has open bottom that requires reusable plastic bowl - 33773 is 2 micron version - 33755 is 30 micron version - bowl threads are 3 3/4-10	SFWOE	3.400	4.250	1-14	Attached Packed Packed	 3.585 4.285	 3.15 4.005	 .335 .14
33441		Element for Racor 245R Fuel Assembly - 30 micron version - 33771 is 10 micron version - 33775 is 2 micron version	SFWOE	5.530	3.800	1-14	Packed Packed	3.48 3.56	3.22 3.2	.13 .335
33442		Detroit Diesel, Isuzu Engines (can use 33418 to avoid the use of the plastic bowl)	SFWOE	7.400	3.620	1-12	Attached	3.520	3.160	.250
33443		Racor 225 Series - replaces Racor # R26T (10 micron version) - spin-on w/ open end that has a reusable plastic bowl attachment	SFWOE	4.660	3.750	1-14	Attached	3.586	3.18	.27
33444		Stanadyne FM1000 Series Fuel Manager (Key-way design) - for large diesel engines that use up to 180 gallons per hour (200 to 600 HP)	KWFM	10.270	4.370		None			
33445		Racor Fuel Systems - replaces R24T Racor Fuel Filter (10 micron) - has open bottom that requires reusable plastic bowl	SFWOE	3.550	3.750	1-14				
33446		Racor R26S Series Fuel/Water Separator (2 micron) - has open bottom that requires a reusable plastic bowl	SFWOE	4.660	3.750	1-14	Attached	3.586	3.18	.27
33447		Racor R24P Fuel Series (30 micron) has an open end bottom that takes a reusable plastic bowl	SFWOE	3.550	3.750		Attached	3.586	3.18	.27
33448		Mercedes MBE Series Engines, IHC Maxxforce Engines - Primary fuel strainer - similar to 33741 but has slightly different gasket	CFMF	1.614	T-1.968 B-1.850	T-.910 B-1.570	Packed	1.968	1.772	.098
33449		Hummer - In-line fuel	F	2.995	T-.927 B-.947	0	Attached			
33450		Davco Fuel/Water Separator	SOFW	8.669	4.282	1-14	Attached	3.967	3.587	.340
33453	G-29A	Mazda MX-3 V-6 1.8L (92-94)	F	5.177	2.795		None			
33454	G-51	Nissan Sentra w/ E16S Eng. (87)	F	5.118	2.756		None			
33455	G-140A	Acura Vigor (92-94); Honda Prelude (92-97)	F	4.173	3.386		None			
33460	G-133	Honda Accord LXi, Prelude (86-89)	F	3.740	3.386		None			

TECHNICAL DATA

* CFM=Cartridge Fuel Metal Canister Filter; CFMF=Cartridge Fuel Metal Free Filter; F=Fuel (Complete In-Line) Filter; KWFM=Key-Way Style Fuel Manager Filter; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter; SFWOE=Spin On Fuel Water Separator w/ Ope
 ° Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33461	G-116B	Hyundai (91-00)	F	4.724	2.795		None			
33463	G-64	Chrysler Family of Cars (85-87)	F	4.902	2.176		None			
33467	G-48	VW Golf, Jetta w/Diesel Eng. (86-89)	F	6.250	3.430		None			
33469	G-138A	Honda Prelude w/EFI (86-87)	F	3.740	3.386		None			
33470	G-73	Dodge D50 Trk. (87-89), Dodge Colt (87-88) (91), Mitsubishi Trk. (89)	F	2.815	2.067		None			
33471	G-23	Subaru w/EFI or Turbo Engine (83-94)	F	5.010	T-3.080 B-2.980		None			
33472		Audi, Volkswagen, Volvo (79-85), Cummins, Deutz, IHC, Other - w/Drain (10 Micron). If standard filter is needed w/o Drain use 33358	SOFW	5.196	3.015	16X1.5 MM	Attached Packed	2.74 .871	2.37 .595	.217 .143
33472MP		Master Pack Containing (12) 33472	MP	5.145	3.015	16X1.5 MM	Attached Packed	2.865 .871	2.421 .595	.217 .143
33474	G-93	Mazda 626 w/EFI or Turbo (86-87)	F	5.157	2.190		None			
33475	G-92	Mercury Tracer (88)	F	5.157	2.756		None			
33476	G-177	Nissan Maxima Diesel (81-84)	SOF	4.724	3.306	3/4-16	Attached	2.500	2.270	.200
33477	G-22B	Nissan (90-02), Infiniti (93-02)	F	4.783	2.461		None			
33478	G-94	Chevrolet Camaro, Pontiac Firebird/Trans Am (82-83)	F	5.600	2.170		None			
33479	G-68	Honda Accord 2 Bbl. Carb. (86-88) Located at Fuel Tank	F	2.598	1.968		None			
33480	G-2	Honda Accord w/ 2 Bbl. Carb.Eng. (86-89) Secondary	F	3.315	1.358		None			
33481	G-110	GM Models (82-08), Jaguar (97-09), Land Rover (99-04)	F	4.290	2.170		None			
33481MP	G-110	Master Pack of (6) 33481	MP	4.290	2.170		None			
33482	G-18A	Chevrolet Corvette w/5.7L V-8 TBI Engine (82-84)	F	5.546	2.160		None			
33483	G-91	GM Family of Cars and Trucks(83-91) Limited Models	F	4.752	2.165		None			
33484	G-37B	GM (91-05), Saturn (01-05)	F	6.600	2.165		None			
33486	G-13	AMC Alliance, Encore (83-87), Jeep (87-96)	F	6.000	2.894		None			
33487	G-37D	GM "A" Body Cars (89-97)	F	6.470	2.176		None			
33488		New Holland Tractors, Cummins QSX Engines	SOFW	10.790	4.660	85X2.0 MM	Attached	4.6	4.3	.35
33489	G-37C	Chevrolet Beretta/Corsica (90-91)	F	6.600	2.176		None			
33490	G-59	Chrysler Family of Cars (82-85)	F	3.031	1.654		None			
33491	G-117	Lexus (90-91), Toyota Camry (83-91), Corolla (85-86), Starlet (83)	F	4.800	2.790		None			
33495	G-123	Toyota Van w/ EFI Eng. (84-89)	F	5.118	2.755		None			
33496	G-122	Toyota Supra, Cressida (82-85)	F	5.118	2.755		None			
33497	G-126	Toyota Celica (85), Truck (85-86)(89-95)	F	4.902	2.795		Washers (4)			
33500	G-121	Universal In-Line Fuel For Many Japanese Applications - Using 12x1.25 MM Inlet/Outlet wadjustable Fuel Line Cradles (Without Bracket)	F	5.040	2.800		None			
33501	G-71	Subaru Justy w/3 Cyl. 1.2L Eng.(87-90)(92)	F	2.323	2.228		None			
33502	G-120	Universal In-Line Fuel for Many Japanese Applications - has adjustable cradle on one end (Without Bracket)	F	4.488	2.795		None			
33503	G-116A	Dodge, Mitsubishi, Toyota (Without Bracket)	F	4.445	2.756		None			
33504		Mitsubishi FK and FM Series Trucks (10 Micron)	SOF	6.987	3.663	1-14	Attached	3.444	3.100	.260
33507		Kubota, Kobelco, Komatsu, MF, Yanmar, Other (19 Micron)	CFM	3.500	1.969	T-CLOSED B-.795	None			
33508	G-105A	Mercedes (90-96)	F	6.575	T-3.563 B-3.215		None			
33509	G-48A	Volkswagen Golf, Jetta w/Diesel Eng. (89-95) - has fuel line cradle on top of filter	F	6.909	3.406		None			
33510	G-30A	Ford Aspire (94-97), Suzuki XL7 (01-06) (Without Bracket)	F	5.532	2.795		None			
33511		Detroit Diesel Engines Secondary (10 Micron)	CFM	3.622	2.903	1.085	15095 15133 Packed Packed	4.031 3.663 .750 .750	3.468 3.437 .509 .454	.093 .125 .047 .046
33512		Detroit Diesel Engines Secondary (10 Micron)	CFM	7.840	2.903	1.085	15095 15133 Packed Packed	4.031 3.663 .750 .750	3.468 3.437 .509 .454	.093 .125 .047 .046
33513		Case Tractors (35 Micron)	CFM	4.528	2.903	1.035	15095	4.031	3.468	.093
33514		Caterpillar 3508, 3512 Diesel Eng. (86-93) (6 Micron)	CFM	9.277	3.968	1.635	None			
33516		Case (35 Micron)	CFM	2.369	2.903	1.095	15095	4.031	3.468	.093

* CFM=Cartridge Fuel Metal Canister Filter; F=Fuel (Complete In-Line) Filter; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter; MP=Master Pack

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33519		Komatsu Equipment	SOF	4.579	3.009	3/4-16	Attached	2.835	2.475	.120
33521	G-19C	Audi (01-10), Volkswagen (98-12)	F	6.800	2.980		None			
33522		Komatsu Crawler Tractors, Hitachi Excavators (w/Drain) (10 Micron)	SOF	7.452	3.775	1-14	Attached	2.820	2.440	.200
33524		Komatsu Crawler Tractors. (10 Micron)	CFM	4.110	2.920	.590	None			
33525		Caterpillar and Mitsubishi Equipment (10 Micron)	SOF	6.987	3.663	24X1.5 MM	Attached	3.550	3.120	.065
33526	G-89E	Lexus, Toyota (98-07) (Without Bracket)	F	4.685	2.756		None			
33527		Caterpillar Equipment	SOF	9.597	3.713	7/8-14	Attached	2.760	2.285	.120
33528		Cat Engines + Equipment (2 Micron) - (6 Micron version is 33352)	SOF	7.007	3.713	1-14	Attached	2.715	2.430	.250
33528MP		Master Pack version of 33528	SOF	7.007	3.713	1-14	Attached	2.715	2.43	.25
33529	G-15E		F	5.709	2.170		None			
33530		Isuzu QT15 & QT23 Engines	CFM	1.771	1.673	.512	None			
33531		Atlas-Copco, Blaw-Knox, CAT, Ditchwitch, Dynapac, Gehl, I-R, John Deere Equipment	KWFM	5.300	3.270	T-.875 B-CLOSED	None			
33532		John Deere, Gehl Loaders, Ditchwitch, Atlas-Copco Equipment - 5 Micron	KWFM	6.040	3.270	T-.875 B-CLOSED	None			
33533		Various John Deere Equipment - 150 Micron	KWFM	6.040	3.270	T-.875 B-CLOSED	None			
33536		Various John Deere Equipment (30 Micron)	KWFM	7.720	3.270	T-.875 B-CLOSED	None			
33537		Chev, GMC Vans w/6.5L Diesel Eng. (96-02)	KWFM	6.500	3.270	T-CLOSED B-.875	None			
33538	G-25C	Mazda Miata (99-05)	F	6.378	2.756		None			
33539		Detroit Diesel 8V, 12V, 16V Engines (10 Micron)	CFM	8.735	4.365	.675	15311	5.135	4.625	.062
33540		Detroit Diesel - Secondary (6 Micron)	CFM	7.840	2.903	1.085	Packed Packed 15133 15095	.750 .750 3.663 4.031	.509 .454 3.437 3.468	.047 .046 .125 .093
33541		Detroit Diesel 12V, 16V (Primary)	CFS	8.688	4.188	T-1.125 B-1.128	15197 Packed	5.13 .875	4.375 .571	.094 .047
33542		Detroit Diesel Engines 16V (Primary)	CFS	9.875	5.750	2.750	Packed	6.500	5.940	.065
33543		Thermo King (Primary) (2.460 X 2.830 X 4.620) 4 Holes on Base.	F	2.460			None			
33544		Thermo King (Secondary...used w/33543 or 33545) (2.460 X 2.830 X 4.620) 3 Holes on Base.	F	2.460			None			
33545		Thermo King (Primary) (2.460 X 2.830 X 4.620) 4 Holes on Base.	F	2.460			None			
33546		CAT Equipment, Bandit, I-R, Melroe Bobcat	KWFM	5.770	3.270	T-.860 B-CLOSED	None			
33547		Cat Equipment, Bandit, Melroe Bobcat, New Holland, Perkins - Fuel/Water Separator (mesh media - 150 micron)	KWFM	5.040	3.300	T-.860 B-CLOSED	None			
33548		John Deere, Ditchwitch, I-R, Gehl, Lull Equipment	KWFM	4.500	3.270	T-.875 B-CLOSED	None			
33550	G-88A	Mitsubishi Diamante (97-04) (Without Bracket)	F	5.571	2.520		None			
33551	G-181	Chrysler Family of Cars (96-01) Mitsubishi (96-99) (Without Bracket)	F	4.016	2.520		Packed (4)			
33552		Detroit Diesel Engines - Primary (Sock Style)	CFS	8.500	3.000	T-.398 B-1.250	15133 Packed Packed	3.663 .75 .75	3.437 .509 .454	.125 .047 .046
33553	G-182	Toyota RAV 4 (96-00), Mitsubishi Mirage (97-02) (Without Bracket)	F	4.075	2.520		None			
33554	G-117C	Toyota Paseo Calif. Only (95-96), Paseo (97-99), Tercel (95-99) - (Without bracket)	F	4.075	2.520		None			
33555	G-134A	Acura Integra (92-93)	F	3.740	T-3.386 B-2.756		None			
33556	G-113B	Acura Integra (86-89), Honda Civic, CRX w/EFI (86-87)	F	4.055	3.386		None			
33557	G-31C	Mazda Protege (4WD) (90-91), 323 (4WD) (90-92)	F	5.945	2.785		None			
33558	G-34A	Saab (05-06), Subaru (90-06)	F	4.724	3.346		None			
33559	G-115A	Acura (94-04), Honda (95-02), Isuzu Oasis (97-01)	F	4.587	2.953		None			
33560	G-99	Porsche (65-76), Volvo (74), Renault (72-79)	F	5.728	2.480		None			
33561	G-117A	Toyota Celica (94-99) (Without bracket)	F	4.075	2.520		None			

TECHNICAL DATA

* CFM=Cartridge Fuel Metal Canister Filter; CFS=Cartridge Fuel Sock Filter; F=Fuel (Complete In-Line) Filter; KWFM=Key-Way Style Fuel Manager Filter; SOF=Spin-On Fuel Filter
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33562	G-108	BMW (77-79), Audi (75-77)	F	5.087	2.480		None			
33563	G-126A	Toyota Landcruiser (93-98)	F	5.079	2.795		None			
33564	G-107	Porsche (73-76), Saab (76-77)	F	5.079	2.480		None			
33565	G-129	Toyota Corolla (93-98), Geo Prizm (93-97)	F	4.843	2.795		None			
33566	G-148	Volvo 242, 244, 245 (75-80)	F	5.984	2.520		None			
33567	G-117B	Toyota (93-04) (Without Bracket)	F	3.996	2.520		Packed (2)			
33568	G-53A	Hyundai Excel (86-89), Mitsubishi Precis (87-89)	F	3.583	2.322		None			
33569	G-26B	Geo/Chevrolet Metro & Suzuki Swift (95-01)	F	3.937	2.953		None			
33570	G-116C	Lexus LS400 (95-00)	F	3.990	2.540		None			
33572	G-185	Suzuki Esteem (95-99)	F	4.154	2.953		None			
33573	G-37H	Saturn 1.9 DOHC (91-94)	F	6.700	2.165		None			
33574	G-37F	Saturn Cars L4 1.9L SOHC (91-94)	F	10.687	2.160		None			
33575	G-37G	Saturn (95-97) w/ 1.9L SOHC Engines	F	16.406	2.160		None			
33576	G-183	Chrysler Family of Mini Vans (Std. Wheelbase) (96-00)	F	3.700	2.100		None			
33577	G-184	Chrysler Family of Mini Vans (Ext. Wheelbase) (96-00)	F	3.700	2.100		None			
33578	G-116	Kia Sportage (95-97) (Without bracket)	F	4.921	2.795		Packed (2)			
33579	G-89	GM Cars & Trucks (97-05)	F	5.518	2.176		None			
33580	G-89C	Mitsubishi Montero Sport (97-04)	F	4.961	2.559		None			
33581	G-89D	Lexus ES300 V6 3.0L (97-99), Toyota (98-04)	F	4.173	2.559		None			
33582		Element for Racor 120A or 140R Fuel Assembly (2 micron)	SFWOE	2.370	3.000	18X1.5 MM	Attached	2.800	2.465	.225
33583		Element for Racor 120A or 140R Fuel Assembly (10 micron) - fits various equipment	SFWOE	2.370	3.000	18X1.5 MM	Packed Packed	2.800 2.750	2.475 2.550	.205 .100
33584		Element for Racor 120A or 140R Fuel Assembly (30 micron)	SFWOE	2.370	3.000	18X1.5 MM	Packed Packed	2.700 2.800	2.500 2.465	.100 .215
33585XE		Cummins 5.9L "B" Series Diesel Engines - Dodge Ram Pickup (00-10), Various other equipment - (Glass media)	CFMF	4.070	T-3.390 B-3.230	T-CLOSED B-.820	Packed	4.19	3.984	.103
33585XEMP		Master pack version of 33585XE	CFMF	4.070	T-3.390 B-3.230	T-CLOSED B-.820	Packed	4.19	3.984	.103
33586		Various John Deere Applications	KWFM	7.750	T-3.280 B-3.125	T-.870 B-.313	None			
33587		Mack 12L E-Tech Engine (Secondary)	SOF	10.365	4.282	30X1.5 MM	Attached	3.967	3.587	.340
33588		Mack 12L E-Tech Engine (Primary)	SOF	8.093	4.282	22X1.5 MM	Attached	3.967	3.587	.340
33589		Mack 12L E-Tech Engine - Fuel/Water Separator - can be used in place of 33588	SOFW	8.739	4.282	22X1.5 MM	Attached	3.967	3.139	.250
33590	G-88B	Cadillac (97-02)	F	5.375	2.190		None			
33591	G-188C	Ford Ranger, Mazda B3000, B4000 Pickup (01-03)	F	6.300	3.115		None			
33592		Caterpillar 3500 Stationary Engines	CFM	9.230	3.920	1.610	None			
33593	G-144C	John Deere Equipment	F	3.655	1.937		None			
33594	G-19D	Various Mercedes (96-01) (05-08)	F	6.102	2.913		None			
33595	G-14C	Ford, Lincoln, Mercury (98-13), Jaguar S-Type (01-08) - two clips packed with the filter - if shorter clips needed, order part # WCK11	F	7.146	2.318		None			
33595MP	G-14C	Master Pack Containing (12) 33595	F	7.000	2.300		None			
33596	G-36D	Various Volvo Models (93-04)	F	7.756	3.150		None			
33597	G-22C	Suzuki Vitara, Grand Vitara (99-05)	F	5.354	2.756		None			
33598	G-76A	Kia Sephia (98-01), Spectra (00-04)	F	6.417	2.854		None			
33600		Ford E Series Vans w/ 6.0L Diesel (04-10) - 2 different sized elements per carton	CFMF				Packed Packed	2.835 4.575	2.635 4.325	.1 .125
33601	G-189	BMW Vehicles (02-10)	F	12.402	2.189		None			
33602		Volkswagen Passat 1.9L Diesel (98), Linde Forklifts with VW Diesel engine	SOF	7.400	3.275	16X1.5 MM	Attached	2.735	2.465	.110
33603	G-14G	Various Volvo Applications (99-09)	F	8.250	T-3.365 B-3.170		None			
33604		Various Cummins Engines - has drain and sensor port - for high efficiency version, use 33604XE - This sensor port is square w/ rounded corners - if oval shaped sensor port required - use 33422	SOFW	9.730	3.690	1-14	Attached	2.845	2.500	.240
							Packed	1.29	.96	.165
33604XE		Cummins Engines - Extra Efficiency Version of 33604 - has drain and sensor port	SOFW	9.700	3.700	1-14	Attached	2.820	2.475	.230

* CFM=Cartridge Fuel Metal Canister Filter; CFMF=Cartridge Fuel Metal Free Filter; F=Fuel (Complete In-Line) Filter; KWFM=Key-Way Style Fuel Manager Filter; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter; SFWOE=Spin On Fuel Water Separator w/ Ope

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33605	G-14F	Various Volvo (03-10)	F	6.500	T-3.360 B-3.170		None			
33606		Caterpillar Equipment - Primary - has drain and sensor port (the OE part has an open bottom that requires a reusable plastic bowl - our version is a complete spin-on w/ drain and sensor port - plastic bowl no longer required) - Sensor port size is 3/16-18	SOFW	7.621	4.240	1-14	Attached	4.24	3.7	
33607		Various Cat Equipment - Has Drain and Sensor Port (the OE filter has an open bottom that requires a reusable plastic bowl - our filter is a complete spin-on - plastic bowl no longer required)	SOFW	9.334	4.250	1-14	Attached Packed	4.257 1.287	3.847 .988	.205 .085
33608		CAT Equipment - has drain and sensor port - sensor port thread size is 3/16-18	SFWOE	7.483	4.260	1-14	Packed	1.273	.981	.083
33609		CAT Equipment	KWFM	7.430	T-3.270 B-3.120	T-.850 B-CLOSED	None			
33610		Polaris snowmobiles	F	4.752	1.468					
33611		33611 has drain + sensor port - can be used in place of 33231 or 33232 - sensor port thread is 7/16" - 20 UNF-2B (33184 has slightly different sensor port thread - 9/16-18)	SOFW	6.480	4.230	1-14	Attached	3.955	3.585	.240
33612		Volvo Equipment, Deutz Engines	SOF	2.833	3.040	16X1.5 MM	Attached	2.81	2.48	.222
33613		Cummins, Cat, Hitachi, Detroit, Other - Fuel/Water Separator version of 33116 - has drain - if upgraded media version required, use 33645	SOFW	12.095	4.700	1 1/4-12				
33614		Element for Racor 230R Fuel Assembly Series - 30 micron version - For 10 micron version, use 33432 - for 2 micron version, use 33776	SFWOE	4.050	3.750	1-14	Packed Packed (O-Ring)	3.544 3.463	3.115 3.223	.335 .12
33615		Ford F-Series Super Duty PU w/ 6.7L diesel (11-13) - two different style fuel filters packaged together - sold as one unit (not sold separately)	CFMF	5.243	T-4.000 B-3.928	T-CLOSED B-2.370	Packed	4.24	3.98	.13
33616		Cummins 3.3L Engines	SOFW	5.625	3.009	3/4-16	Attached	2.720	2.459	.180
33617		Can be used in place of 33217 - This is a complete spin-on w/ drain + sensor port (sensor port connection is 7/16-20 - 33805 is the same filter w/ a different sensor port size - 1/2-20). If no sensor port needed, use 33417	SOFW	5.615	4.250	1-14	Attached	3.535	3.160	.270
33618	G-76B	Kia Rio (01-05)	F	7.401	2.795		None			
33619	G-48B	VW Models w/ 1.9L Diesel (98-06)	F	7.910	3.430		Packed (2) (O-R)	.494	.354	.07
33621		Racor Fuel Assembly - Bluebird Buses - Note: this filter will not work on the Racor 790R assembly - the 790R requires a larger 3.58" OD gasket which is not packed with this filter	SFWOE	5.520	3.670	1-14	Packed Packed Packed	2.830 1.245 3.540	2.480 .990 3.270	.220 .215 .130
33622	G-119	Toyota Tercel & Paseo (91-95) - w/o bracket	F	4.615	T-2.790 B-2.250		None			
33623	G-91A	GM Models w/Flex Fuel Systems (02-05)	F	5.400	2.170		None			
33624		Chev/GMC "C" Series Topkick, Kodiak Trks w/ 7.8L Duramax + Cat 3126 Engines (has open-end bottom that requires reusable plastic bowl)	SFWOE	4.025	3.790	1-12	Packed Packed	3.570 3.430	3.120 3.170	.255 .130
33625		Ingersoll-Rand Equipment	KWFM	5.364	T-3.346 B-3.127					
33626		Caterpillar 3116, 3126, 3126B & 3126E Engines	SOF	7.090	3.180	7/8-14	Attached	2.520	2.250	.110
33626MP		Master Pack version of 33626	SOF	7.090	3.180	7/8-14	Attached	2.52	2.25	.11
33627		Agco Tractors and Combines	CFM	5.855	4.065	1.234				
33628		Various Mercedes Diesel Engines	CFMF	8.000	T-3.730 B-4.255	T-.500 B-1.780	Packed	4.310	4.000	.155
33629	G-15G	Lincoln Navigator (03-06)	F	7.150	T-2.210 B-2.000		None			
33630		Racor Fuel Systems - Various Equipment - requires reusable plastic bowl - to eliminate plastic bowl use 33992 (One piece w/drain and sensor port)	SFWOE	5.000	4.250	1-14	Packed Packed	3.57 4.05	3.16 3.8	.33 .125
33631	G-23C	Kia Sportage (98-02)	F	5.708	T-2.205 B-2.795		None			
33632		New Holland Tractors	KWFM	5.770	T-3.270 B-2.730		None			
33633		CAT, Ford/New Holland Tractors	KWFM	7.430	T-3.270 B-2.730		None			
33634		Mercedes MBE904, MBE906 & OM906LA Engines	CFMF	4.075	3.610	T-.500 B-1.060	Packed	4.200	3.890	.155

TECHNICAL DATA

* CFM=Cartridge Fuel Metal Canister Filter; CFMF=Cartridge Fuel Metal Free Filter; F=Fuel (Complete In-Line) Filter; KWFM=Key-Way Style Fuel Manager Filter; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter; SFWOE=Spin On Fuel Water Separator w/ Ope
 ° Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33635		Cat 3600 Series Engines-Generators	CFM	2.283	3.150	T-.413 B-1.260	None			
33636		Various Caterpillar Equipment	KWFM	5.770	T-3.270 B-2.730		None			
33637		Cat Equipment w/Perkins Engines	KWFM	5.050	3.300		None			
33638		Various Caterpillar Equipment, Hino Trucks	KWFM	5.770	3.270		None			
33639	G-118A	Lexus (95-96), Toyota Avalon, Camry (95-99)	F	4.840	2.800		Packed (2)	.623	.479	.027
33640		Various CAT Equipment	SOF	10.730	3.700	1-14	Attached	3.6	3.2	.2
33641		Caterpillar (3 per pkg) (10 Micron)	CFM	6.500	3.375	T-.406 B-1.083	Packed			.031
33643	G-188B	Various Mercedes (98-13), Chrysler Crossfire (04-07)	F	6.300	T-2.985 B-2.945		None			
33644		Various Mack Applications	SOF	8.000	4.275	30X1.5 MM	Attached	3.99	3.65	.24
33645		Cummins, Detroit, Komatsu - upgraded media version of 33613	SOFW	12.323	4.736	1 1/4-12	Attached	4.36	3.875	.33
33646		Ingersoll-Rand Equipment (One Piece Spin-on w/Drain)	SOFW	4.025	3.800	1-12	Attached	3.47	3.14	.22
33647		Jeep Liberty w/ 2.8L Common Rail Diesel (05-06), Iveco, Mercruiser	SOFW	7.322	3.444	16X1.5 MM	Attached	2.77	2.44	.24
33648		Various John Deere Equipment	KWFM	7.877	3.290	T-.865 B-CLOSED	None			
33649		New Holland Equipment - Primary fuel (30 micron)	KWFM	5.770	B-3.270		None			
33650		Detroit Diesel Applications - w/Drain (5 Micron)	SOFW	10.931	5.344	1 3/8-16	Attached	4.285	3.915	.210
33651		Davco Fuel System 380087 - w/ Grommet (10 micron) - For glass media version, use 33651XE	CFWS	7.110	3.750	T-CLOSED B-.840	Packed Packed	1.762 5.270	1.484 4.850	.139 .210
33651MP		Master Pack Version of 33651	CFWS	7.110	3.750	T-CLOSED B-.840	Packed Packed	1.762 5.27	1.484 4.85	.139 .21
33651XE		Synthetic Media Version of 33651 (5 micron)	CFWS	7.000	3.820	T-CLOSED B-.660	Packed Packed	1.762 5.270	1.484 4.850	.139 .210
33653	G-119A	Dodge, Eagle Talon (95-96), Mitsubishi Diamante (92-96) (Without Bracket)	F	4.635	T-2.775 B-2.210		None			
33654		Daf Trucks, Iveco Trucks, Cummins & Yanmar Engines	SOF	7.520	3.700	20X1.5 MM	Attached	2.775	2.475	.23
33655		Detroit Diesel DD13, DD15 Engines - Davco 482 Fuel Pro Series	CFM	7.614	5.827	T-CLOSED B-1.035	None			
33656		Replacement Element For Davco Fuel Pro FH230 Series and Davco 382 Series (25 Micron)	CFM	7.255	3.820	T-CLOSED B-.660	None			
33657		Element For Davco Elemax 382 F/W Separator Assembly (50 Micron) - for oversized version, use 33709	CFM	7.255	3.820	T-CLOSED B-.660	None			
33658		Caterpillar Applications	KWFM	7.750	T-3.300 B-3.120	T-.875 B-CLOSED	None			
33659		JCB Equipment	KWFM	7.970	3.333	T-.721 B-CLOSED	None			
33660		JCB Equipment	KWFM	4.540	3.480	T-CLOSED B-.310	None			
33661		Davco Fuel System For Detroit Diesels	CFM	4.850	3.750	T-CLOSED B-.630	None			
33662		Iveco Trucks w/Cummins Engines	SOF	8.000	3.720	16x1.5 mm	Attached	2.75	2.46	.24
33663	G-119C	Toyota Tercel (91-94), Paseo (92-95) - includes bracket	F	4.615	2.790		None			
33664	G-119F	Lexus ES300 (95-96), Toyota Avalon, Camry (95-99) - includes bracket	F	4.840	2.800		None			
33665	G-119B	Toyota Camry (92-94), Lexus ES300 (92-94) - Includes bracket	F	4.240	2.790		None			
33666	G-119E	Toyota Camry, Starlet (83-85), Lexus ES250 (90-91) - includes bracket	F	4.800	2.790		None			
33667	G-78A	Ford Ranger (01-06), Explorer Sport Trac (01-03), Mazda Trks (01-04) - Flex Fuel	F	6.909	T-3.582 B-2.996		None			
33668		Various John Deere Equipment	KWFM	6.045	T-2.730 B-3.125	T-CLOSED B-.865	None			
33669	G-119D	Toyota Corolla (85-87) w/1.6L EFI - Includes bracket	F	4.800	2.790		None			
33670		JCB Equipment	KWFM	5.328	T-3.365 B-3.117		None			
33671		Volvo Excavators	SOF	5.424	3.700	16X1.5 MM	Attached	2.81	2.46	.215
33673		Fuel Filter for Fuel Preparator (AirDog) Fuel Systems	SOF	5.910	3.050	7/8-14	Attached	2.83	2.46	.2

* CFM=Cartridge Fuel Metal Canister Filter; F=Fuel (Complete In-Line) Filter; KWFM=Key-Way Style Fuel Manager Filter; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter; CFWS=Cartridge Fuel Water Separator

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33674		Various Cat Engines + Equip. (2 Micron) - (6 Micron version is 33374)	SOF	9.597	3.713	1-14	Attached	2.729	2.415	.255
33674MP		Master Pack Containing (6) 33674	SOF	9.597	3.713	1-14	Attached	2.729	2.415	.255
33675		Cat Equipment	SOFW	7.920	3.670	1-14	Attached	2.83	2.47	.19
33676		Marine Applications (Racor # S3221UL)	SFWOE	4.030	3.790	1-12	Packed Packed	2.835 3.525	2.48 3.285	.24 .12
33677		Water Sensor Filter Element - 10 Micron	WSE	9.375	T-4.500 B-4.730	T-.550 B-1.100	Packed Packed Packed	5.025 1.579 .75	4.735 1.157 .5	.062 .12 .033
33678		Filter Element w/o Water Sensor - 30 Micron	WSE	9.375	T-4.500 B-4.730	T-.550 B-1.100	Packed Packed Packed	5.025 1.579 .75	4.735 1.157 .5	.062 .12 .033
33679		Filter Element w/o Water Sensing Media - 10 Micron (this will replace 24842)	CFM	9.375	T-4.500 B-4.730	T-.550 B-1.100	Packed Packed Packed	5.025 1.579 .75	4.735 1.157 .5	.062 .12 .033
33680		John Deere 3220, 3420 Telescopic Handlers	KWFM	6.030	T-3.125 B-2.725	T-CLOSED B-.875	None			
33681		New Holland Equipment (5 micron)	KWFM	7.620	3.300	T-.855 B-CLOSED	None			
33682		Cummins QSB 6.7L Diesel, New Holland, Case, Hyundai, Other	SOF	6.950	3.730	20X1.5 MM	Attached	2.83	2.47	.19
33683		Volvo Equipment - has drain and sensor port	SOFW	11.133	4.260	1-14	Attached Packed	4.119 4.068	3.697 3.837	.255 .142
33684		John Deere Tractors - Primary fuel	KWFM	6.040	3.270	T-.860 B-CLOSED				
33685		Fits Caterpillar 3500 Engines.	SOF	12.172	5.344	1 3/8-16	Attached	4.300	3.910	.300
33686	G-125A	Geo Tracker (89-98), Suzuki Sidekick, Samurai (92-00) (No bracket)	F	5.120	2.800		None			
33687	G-124	Toyota T100 (94-98), Tacoma (95-04) (Without Bracket)	F	5.120	2.800		None			
33688		Saab Scania Trucks	CFMF	7.220	3.300	T-CLOSED B-1.488	Packed	3.986	3.756	.115
33689	G-8C	Various GM Models (03-07)	F	6.730	2.220		None			
33690		Volvo Trucks	SOF	8.131	3.690	18X1.5 MM	Attached	2.810	2.460	.190
33691		Kenworth, Peterbilt, IHC Trucks w/ ISX Cummins Engines	SOF	5.780	3.720	1-14	Attached	2.83	2.46	.17
33692		Various John Deere Equipment	SOFW	11.400	4.239	1-12	Attached	3.935	3.565	.21
33693		Racor Fuel Systems - complete spin-on element w/ drain + sensor port (can be used in place of 33783 - plastic bowl no longer required)	SOFW	9.526	B-3.69	1-14	Attached Packed	2.81 1.3	2.46 .96	.203 .165
33694		JCB Equipment	KWFM	5.020	T-3.460 B-3.124		None			
33695		IHC Trucks w/ Maxxforce Engines - Fuel filter strainer	CFMF	2.874	T-1.673 B-1.614	T-CLOSED B-1.396	None			
33696	G-126B	Lexus (95-97), Toyota Avalon, Camry (95-99) - includes bracket	F	4.840	2.800		Packed (2)	.623	.479	.027
33697		Cummins ISC, ISL, ISM Engines	SOF	6.920	3.670	7/8-14	Attached Packed	2.835 1.18	2.47 .95	.2 .23
33698		Ford Diesel Engines	SOFW	6.051	3.690	1-14	Attached	3.47	3.14	.21
33699		Add-on Fuel/Water Separator w/Drain	SOFW	10.310	4.280	1 5/16-16	Attached	2.850	2.485	.260
33700		Hitachi, John Deere Excavators	CFMF	6.410	3.720	T-CLOSED B-1.030	Packed (O-Ring) Packed	4.625 .79	4.365 .477	.13 .112
33701		Alco, Fairbanks-Morse Industrial Eng. (16 Micron)	CFM	12.154	T-4.974 B-4.976	T-.677 B-.625	None			
33702		Alco, Fairbanks-Morse Industrial Engines	CFM	20.940	5.060	T-CLOSED B-.690	None			
33703		Kobelco, Kato, Furukawa, Mitsubishi, Other	CFM	5.390	3.580	.550	Packed Packed (O-Ring)	.895 4.508	.632 4.118	.069 .195
33704	G-15H	Ford Focus w/2.3L (03-04)	F	7.087	2.216		None			
33705	G-187A	Saturn Vue (02-07)	F	7.000	2.160		None			
33709		Davco Elemax F/W Separator - oversized version of 33657 for extended service intervals (50 Micron)	CFM	7.030	4.210	T-.660 B-CLOSED	Packed (O-Ring) Packed (O-Ring)	1.742 5.068	1.462 4.638	.14 .215
33710		Bautz Farm Equipment, Komatsu, Yanmar	CFM	2.600	2.550	T-.440 B-.500	None			
33711		Cummins ISX Engines	SOF	8.984	3.700	72X2.0 MM	Attached	3.770	3.180	.260
33712		EMD Industrial Engines. (Sock Type)	CFS	11.000	2.812	1.625	None			

TECHNICAL DATA

* CFM=Cartridge Fuel Metal Canister Filter; CFMF=Cartridge Fuel Metal Free Filter; CFS=Cartridge Fuel Sock Filter; F=Fuel (Complete In-Line) Filter; KWFM=Key-Way Style Fuel Manager Filter; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter; WSE=Water Sensor Filter Element; SFWOE=Spin On Fuel Water Separator w/ Ope
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33713		MAN, DAF Engines, Doosan, Terex (Bowl threads are B80x3-8A metric buttress)	SFWOE	9.106	4.268	1-14	Packed (O-Ring)	3.24	2.94	.15
33714		EMD Industrial Engines (16 Micron)	CFM	10.000	2.903	1.437	None			
33715		Bomag, Bobcat, Hatz, Manitou	CFM	5.236	1.574	.334				
33716		Volvo Equipment, Deutz Engines	CFMF	3.850	2.874	T-.551 B-1.574	None Packed (O-Ring)	3.492	3.212	.14
33718		Various John Deere Equipment	CFMF	8.675	T-5.401 B-4.610	T-CLOSED B-.750	None			
33719		IHC Trucks w/DT466, DT466E, DT570, HT570 Engines (05-on)	CFM	5.590	T-3.690 B-3.600	T-CLOSED B-.820	Packed Packed	4.5 2.93	4.25 2.76	.125 .085
33720		John Deere Equipment	SOF	5.930	4.260	7/8-14	Attached	3.560	3.160	.240
33721		Various Volvo Buses + Trucks, Renault, Mack MP7, MP8 Engines	SOF	10.5	T-4.43 B-4.32	32X1.5 MM	Attached	4.09	3.65	.33
33722		Cummins Engines	SOFW	7.566	3.680	20X1.5 MM	Attached	2.83	2.46	.19
33723		Mack AC, ASET Series Engines	SOFW	8.353	4.250	30X1.5 MM	Attached	3.98	3.64	.235
33724		Racor Marine Applications	SFWOE	5.250	3.050	16X1.5 MM	Attached Packed	2.8 2.74	2.46 2.56	.215 .09
33725		Pre-filter strainer for various Cummins engines	SOFW	5.760	3.720	1-12	Attached	2.87	2.48	.275
33726	G-144D	Mitsubishi Forklifts	F	3.386	3.071		None			
33727		Davco FH233 Fuel Housing Series - Cummins ISX Engines - Outside/in flow	CFM	7.039	3.820	T-CLOSED B-.660	Packed (3)			
33729		JCB Equipment, Sullair Compressors	KWFM	5.075	T-2.300 B-3.300		None			
33730		Ingersoll-Rand Compressors, Generators	SFWOE	3.260	3.795	1-12	Packed Packed (O-Ring)	3.55 3.47	3.165 3.22	.335 .125
33731	G-188E	Saturn (98-02) - This is a combination pressure regulator/fuel filter - has three lines	F	8.504	2.157		None			
33732		Cummins QSC, QSL Tier 3 Engines - has drain and sensor plug-in	SOFW	7.580	3.650	1-14	Attached Packed	2.845 1.25	2.47 .97	.24 .215
33733		Dodge Ram Pickup w/ 6.7L Cummins Diesel (07-09) - this is the replacement cartridge that goes inside the 24723 assembly	CFMF	6.222	T-3.540 B-3.830	T-.802 B-2.366	Packed (O-Ring)	4.188	3.906	.141
33734	G-184A	Dodge/Chrysler Mini Vans (01-03)	F	3.090	2.035		None			
33736		Ford Trucks w/ Cat 3126 Engines - requires reusable plastic bowl (to eliminate plastic bowl, use 33806 - complete spin-on w/ drain)	SFWOE	4.100	3.785	1-14	Packed	3.590	3.150	.240
33737	G-190	Chevrolet Corvette (99-04)	F	5.755	2.230		None			
33738		Various John Deere Tractors	KWFM	7.750	3.285		None			
33739		John Deere Equipment	KWFM	6.000	T-3.460 B-3.130	T-.855 B-CLOSED	None			
33740		John Deere Excavators	CFM	7.940	3.722	T-CLOSED B-1.030	Packed Packed (O-Ring)	.789 4.574	.479 4.298	.112 .138
33741		Mercedes MBE Series Engines, IHC Maxxforce Engines - Primary fuel strainer - similar to 33448 - has slightly different size gasket	CFMF	1.630	T-1.950 B-1.840	T-.910 B-1.570	Packed	2.13	1.894	.118
33742		Cat Equipment	SOF	3.243	3.234	3/4-16	Attached	2.475	2.173	.233
33743		John Deere Forwarders, Tractors	KWFM	6.040	T-2.730 B-3.270		None			
33744		Case-IH, Iveco, New Holland	SOF	6.625	4.327	16X1.5 MM	Attached	2.81	2.46	.271
33745		Mitsubishi Fuso FE Series Trucks	CFMF	3.680	3.720	T-CLOSED B-1.030	Packed (O-Ring) Packed (O-Ring)	4.6 1.24	4.344 .974	.128 .133
33746		Racor 660R-RAC-02 or 660R-RAC-01 Fuel Assembly for Marine Applications - Replaces Racor # S3232 or S3232UL (filter element only, does not include bowl)	SFWOE	5.500	3.790	1-14	Packed Packed	2.82 3.55	2.45 3.31	.24 .12
33747		John Deere Equipment	KWFM	6.000	T-3.270 B-.875		None			
33748		Various Caterpillar Equipment	KWFM	5.020	3.270		None			
33749	G-188D	Ford Expedition (03-05)	F	7.710	T-2.225 B-2.000		None			
33750	G-191	Jeep Grand Cherokee (02-04)	F	6.800	2.150		None			
33751		Various Caterpillar Equipment	SOFW	9.233	4.250	1-14	Attached	3.905	3.39	.36
33752		John Deere Equipment	KWFM	6.200	3.125	T-CLOSED B-.715	None			

* CFM=Cartridge Fuel Metal Canister Filter; CFMF=Cartridge Fuel Metal Free Filter; F=Fuel (Complete In-Line) Filter; KWFM=Key-Way Style Fuel Manager Filter; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter; SFWOE=Spin On Fuel Water Separator w/ Ope

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33753		Various John Deere Equipment - Secondary Fuel (Primary is 33778)	SOF	6.850	4.250	7/8-14	Attached	3.925	3.575	.24
33754		Various Caterpillar (5 micron)	KWFM	5.820	T-3.300 B-3.120	T-.860 B-.375	None			
33755		Racor Marine Applications w/ 400 & 600 Series Head (30 micron) - replaces Racor # R45P - has open bottom that requires reusable plastic bowl - 33773 is 2 micron version - 33440 is 10 micron version	SFWOE	3.500	4.250	1-14	Attached	3.56	3.17	.33
33756		Various Ford/New Holland, & John Deere Equipment	KWFM	7.420	T-2.730 B-3.100	T-.840 B-CLOSED	None			
33757		Marine Engines - Fits Racor 320R-RAC-02 Mounting Bases - Replaces Racor element # S3227	SFWOE	4.050	3.750	1-14	Packed Packed	3.575 3.52	3.18 3.26	.25 .13
33759		Caterpillar Excavators	KWFM	5.020	3.270		None			
33760		JCB Equipment	KWFM	5.822	T-3.346 B-3.117	T-.702 B-CLOSED	None			
33761		Agco, Massey-Ferguson Equipment	KWFM	6.940	3.337	T-.687 B-CLOSED	None			
33762		Various Perkins Generators	KWFM	5.770	3.270		None			
33763		Davco D19100 Series Housings or Fleetguard Sea Pro 7 fuel assemblies, FH230, FH234 Industrial Fuel Pro Series - 7 micron - 25 micron version is WF10005	CFM	7.039	4.210	T-CLOSED B-.660	Packed (O-Ring) Packed (O-Ring)	5.11 1.73	4.71 1.47	.2 .13
33764		Chev/GMC Kodiak, Topkick Trucks w/ 7.8L, CAT 3126 diesel engines	SOFW	7.41	3.69	1-12	Attached	3.47	3.14	.2
33765		New Holland Equipment, Cummins NEF-EEA Engines	SOFW	6.250	3.010	16X1.5 MM	Attached	2.84	2.47	.21
33766		Stanadyne Marine Applications	KWFM	7.450	3.345	T-.870 B-CLOSED	None			
33767		Stanadyne Marine Applications	KWFM	7.440	3.340	T-.865 B-CLOSED	None			
33768		Volvo Equipment	SOF	4.381	3.700	16X1.5 MM	Attached	2.81	2.46	.21
33769		Racor B32013, B32014 Marine Applications - to eliminate the plastic bowl - use 33225	SFWOE	4.030	3.790	1 1/16-16	Packed (3)			
33770		Racor B32013, B32014 Marine Fuel Systems - has open bottom that requires reusable plastic bowl - to eliminate the bowl, use 33364 (complete spin-on)	SFWOE	4.030	3.790	1-12	Attached	2.834	2.462	.255
33771		Element for Racor 245R Fuel Assembly (10 micron) - 33441 is 30 micron version - 33775 is 2 micron version	SFWOE	5.530	3.750	1-14	Packed Packed	3.56 3.48	3.2 3.22	.335 .13
33772		Racor Marine Applications - replaces Racor # S3228UL - 10 Micron	SFWOE	4.030	3.790	1-14	Packed Packed (O-Ring)	3.57 3.469	3.159 3.211	.266 .129
33773		Racor Marine Applications w/ 400 & 600 Series Head (2 micron) - replaces Racor # R45S - has open bottom that requires reusable plastic bowl - bowl threads are 3 3/4-10 - 33440 is 10 micron version - 33755 is 30 micron version	SFWOE	3.500	4.250	1-14	None			
33774		Racor 4120R Fuel/Water Separators (30 micron) - has open bottom that requires a reusable plastic bowl - can use 33847 which is a complete spin-on w/ drain (bowl no longer required)	SFWOE	8.630	4.392	1-14	Attached	3.565	3.165	.235
33775		Racor 245 Fuel Assembly Series - 2 micron - 33771 is 10 micron version - 33441 is 30 micron version	SFWOE	5.520	3.800	1-14	Packed Packed	3.54 3.47	3.165 3.21	.33 .13
33776		Element for Racor 230R Fuel Assembly Series - 2 micron version - For 10 micron version, use 33432 - for 30 micron version, use 33614	SFWOE	4.020	3.800	1-14	Packed Packed	3.565 3.525	3.165 3.265	.33 .13
33777		Various Case, Deutz, Volvo Applications w/Cummins Engines (has standpipe)	SOF	4.950	3.050	16X1.5 MM	Attached	2.73	2.46	.2
33778		Various John Deere Equipment - Primary Fuel (Secondary is 33753) - has drain and sensor (sensor port size is 14x2.0 mm)	SOF	11.871	4.236	1-14	Attached	3.94	3.575	.24
33779		John Deere Tractors (Obsolete)	SFWOE	8.900	4.235	1-12	Attached Packed	3.570 3.870	3.150 3.590	.235 .140
33780		Various Cat + John Deere Equip (6 micron)	SOFW	11.308	4.390	1-14	Attached	3.500	3.175	.255
33781		Dahl Fuel Water Separator	CFWS	2.300	4.220	T-.650 B-1.700	None			
33782		Various Volvo HD Applications	SFWOE	8.500	4.370	1-14	Attached Packed	3.575 4.2	3.175 3.9	.33 .19
33783		Caterpillar 3208 Engine used in Motorhomes - this filter has an open-end bottom that takes a reusable plastic bowl(2 Micron) - can use 33693 which is a complete spin-on w/ drain + sensor port - eliminates the bowl	SFWOE	7.400	3.620	1-14	(Packed 3)			

TECHNICAL DATA

* CFM=Cartridge Fuel Metal Canister Filter; KWFM=Key-Way Style Fuel Manager Filter; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter; CFWS=Cartridge Fuel Water Separator; SFWOE=Spin On Fuel Water Separator w/ Ope
 ® Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33784		Davco Fuel Systems	CFM	4.320	3.480	T-CLOSED B-.660	Packed (2)			
33785		Various John Deere Tractors	CFM	8.760	T-5.401 B-4.550	T-CLOSED B-1.000	None			
33786		Various Caterpillar Equipment - One piece design w/ drain + sensor port	SOFW	7.500	4.250	1-14	Attached	3.92	3.4	.38
33787		Various Caterpillar Equipment - One piece design w/ drain + sensor port (Cat Filter has open bottom that requires reusable plastic bowl - no plastic bowl required with our design) - Sensor port size is 3/16-18 (Obsolete/Superseded by 33606)	SOFW	7.580	4.250	1-14	Attached	4.265	3.7	.2
33788		Racor 390, 490, 690 Series Fuel/Water Separators (2 micron)	SFWOE	6.100	4.360	1-14	Packed Packed	3.575 4.3	3.175 4.01	.33 .18
33789		Caterpillar Equipment - has drain + sensor port	SOFW	9.373	4.250	1-14	Attached	4.245	3.845	.2
33790		Fuel Filter for Fuel Preparator (Airdog) Systems	SOFW	5.580	3.020	3/4-16	Attached	2.76	2.46	.19
33791		Racor FH900, FH1000 Turbine Fuel Series for Over-the-Road Trucks (02 and up) - 30 Micron - this is the after-market version (slightly shorter, dark media) - 33437 is the OE style (taller, light media) - both work fine	CFMF	8.910	4.320	T-.640 B-.750	Packed (4)			
33792		Racor 900FH, 1000FH Turbine Fuel Series for Over-the-Road Model Trucks (2002 and up) - 10 Micron Version	CFM	9.630	T-5.040 B-4.680	T-.640 B-.750	Packed (4)			
33793		Racor 900FH, 1000FH Turbine Fuel Series for Over-the-Road Model Trucks (2002 and up) - 2 Micron Version	CFM	9.630	T-5.040 B-4.680	T-.640 B-.750	Packed (4)			
33794		Racor FH Turbine Series Model 500FG - 30 Micron	CFMF	2.780	3.080	T-.650 B-.670	Packed (2)			
33795		Racor FH Turbine Series Model 500FG - 10 Micron	CFMF	2.780	3.080		Packed (2)			
33796		Racor FH Turbine Series Model 500FG - 2 Micron	CFMF	2.780	3.080	.660	Packed (2)			
33797		Racor FH Turbine Series Model 900FG - 30 Micron	CFMF	4.600	T-4.680 B-4.345	T-.645 B-.750	Packed (4)			
33798		Racor FH Turbine Series Model 900FG - 10 Micron	CFMF	4.600	T-4.680 B-4.345	T-.655 B-.750	Packed (4)			
33799		Racor FH Turbine Series Model 900FG - 2 Micron	CFMF	4.600	T-4.680 B-4.345	T-.645 B-.750	Packed (4)			
33800		Magnum Generators	KWFM	4.320	T-3.285 B-3.125	T-.860 B-CLOSED	None			
33801		New Holland, Case, Ford Tractors	SOFW	4.610	3.700	14X1.5 MM	Attached	2.81	2.46	.265
33802		John Deere Equipment	KWFM	6.043	T-2.730 B-3.286		None			
33803		JCB Equipment	KWFM	5.290	T-2.730 B-3.270		None			
33804		Caterpillar, Equipment w/ Perkins 4.4L engines - Cat OE (1R1804) is a threaded cartridge - 33804 is a spin-on that includes the outer shell - the OE outer shell is no longer required with our filter	SOF	8.050	T-3.424 B-3.249	1 1/4-12	Attached	3.334	2.774	.381
33805		Can be used in place of 33217 - This is a complete spin-on w/ drain + sensor port (sensor port connection is 1/2-20 - 33617 is the same filter w/ different sensor port size - 7/16-20). If no sensor port needed, use 33417	SOFW	6.051	3.690	1-14	Attached	3.47	3.14	.21
33806		Ford Trucks w/ CAT Engines (complete spin-on w/ drain - can use in place of 33736 to eliminate the reusable plastic bowl)	SOFW	6.230	3.690	1-14	Attached	3.47	3.14	.21
33807		Freightliner Trucks w/ C13, C15 Cat Engines	SOFW	6.815	4.230	1-14	Attached	3.98	3.58	.22
33808		Iveco, Case, Agco Equipment	KWFM	7.970	3.333	T-.721 B-CLOSED	None			
33809		New Holland Equipment	KWFM	7.500	T-2.730 B-3.339		None			
33811		Ford Trucks/Vans w/6.9 Liter Diesel Engine (83-88), IHC Trucks (6 Micron)	SOF	4.332	4.282	7/8-14	Attached	2.834	2.462	.200
33812		Freightliner & Sterling Trucks w/ Cat + Detroit Diesel + Mercedes Engines - (30 Micron - 33813 is 10 micron version) - to eliminate the use of the reusable plastic bowl, can use 33412 which is a complete spin-on w/ drain	SFWOE	6.250	4.380	1-14	Attached	4.08	3.66	.275
33813		Various HD Truck Applications - 10 Micron - (33812 is 30 micron version)	SFWOE	6.250	4.380	1-14	Packed Packed	4.11 4.12	3.7 3.88	.275 .12
33814	G-198A	Audi, VW (06-13)	F	6.468	T-2.409 B-2.150		None			

* CFM=Cartridge Fuel Metal Canister Filter; CFMF=Cartridge Fuel Metal Free Filter; F=Fuel (Complete In-Line) Filter; KWFM=Key-Way Style Fuel Manager Filter; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter; SFWOE=Spin On Fuel Water Separator w/ Ope

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33815		Various Detroit Diesel Engines - Secondary (2 Micron - Glass media version of 33120)	SOF	6.930	3.698	1 ³ / ₁₆ -12	Attached	3.36	3.052	.274
33816		Deutz Engines, Liebherr, Atlas-Copco	CFM	4.724	3.287	.527	None			
33817		Ford + IHC Trks w/ 7.3L Diesel (94-98) (Has lid attached to the filter)	FC	4.641	T-4.845 B-3.609	T-CLOSED B-.640	Packed	4.621	4.169	.155
33817MP		Master Pack version of 33817 (Has lid attached to the filter)	FC	3.836	3.469	T-.175 B-.530	Packed	4.621	4.169	.155
33818		Ford Trks + Vans w/ 7.3L Diesel Eng. (99-03) (Has housing lid attached to filter)	FC	3.873	T-4.873 B-3.499	T-CLOSED B-.580	Packed Packed (O-Ring)	4.621 3.637	4.187 3.359	.155 .139
33818MP		Master Pack version of 33818	FC	3.873	T-4.873 B-3.499	T-CLOSED B-.580	Packed	4.621	4.187	.155
33819		Fleetguard Fuel Pro FH23000, FH23300 series fuel housing assemblies - this is an add-on fuel assembly used on HD trucks + equipment	CFM	6.468	T-4.620 B-4.615	T-CLOSED B-.650	Packed	5.55	5.27	.14
33820		Various Cat Equipment, Cat Engines - Metal Mesh Strainer	CFM	6.020	2.190	.250	None			
33821		MTU Marine + Industrial Engines	SOF	5.669	3.779	1-12	Attached	2.811	2.449	.211
33822		MTU Marine + Industrial Diesel Engines	SOF	10.314	4.330	32X1.5 MM	Attached	4.055	3.661	.25
33823		MTU Marine + Industrial Diesel Engines	SOF	5.669	3.779	1-12	Attached	2.8	2.458	.227
33824		MTU 16V-4000 Diesel Engine (for large marine applications)	SOF	11.889	5.511	39X1.5 MM	Attached	4.37	3.936	.28
33825		Caterpillar D318, D386, D397 Generator Sets	CFS	7.750	1.750	.420	None			
33826	G-63F	Chrysler Family of Cars (98-01)	F	4.728	2.150		None			
33827		Case/New Holland, Iveco (European Models)	SOFW	7.410	3.688	16X1.5 MM	Attached	2.826	2.444	.255
33830		Kubota Equipment	CFM	2.110	T-1.375 B-1.800	T-CLOSED B-.210	None			
33831	G-78C	Various Audi (07-12)	F	6.936	2.929		None			
33832		Audi, VW (06-13) w/ 1.9L + 2.0L Turbo Diesel	CFM	4.570	3.287	T-CLOSED B-.732	Packed	3.492	3.184	.154
33833	G-198	Various Audi, VW (06-13) - fuel filter w/ pressure regulator	F	6.468	T-2.409 B-2.155		None			
33834		Volkswagen Touareg w/ 5.0L Turbo Diesel (07-09)	CFMF	3.877	4.015	1.751	Packed Packed (4) Packed	4.248 .5 .383	3.958 .409 .259	.372 .152 .05
33835	G-189B	BMW 760 Series (03-09)	F	8.090	T-2.200 B-2.160		None			
33837		Chevy, GM Express + Savana vans w/ 6.6L Duramax diesel (06-13) - two filters packed together (one cartridge, one spin-on - the spin-on is # 33960XE) The cartridge is not sold separately	CFMF	3.900	3.700	T-CLOSED B-1.710	Packed	4.5	4.244	.128
33838		Freightliner Trucks - complete spin-on w/ drain and sensor port (no bowl required) - sensor port thread size is 1/2-20	SOFW	8.110	4.250	1-14	Attached	3.54	3.16	.265
33840		Volvo, Komatsu, Yanmar, Hyundai Equipment	SOF	6.620	3.690	20X1.5 MM	Attached	2.738	2.333	.236
33842		John Deere 4.5L Powertech marine engine - 2 micron	KWFM	5.770	3.330	T-.850 B-CLOSED				
33847		Racor Fuel/Water Separator (30 micron) - complete spin-on w/ drain - can be used in place of 33774 which has an open bottom that requires a reusable plastic bowl)	SOFW	11.312	4.28	1-14	Attached	3.565	3.165	.235
33849		Fuel filter kit for Detroit Diesel DD13, DD15 Engines - contains 3 separate filter elements in one kit - individual elements not sold separately - this kit replaces DD kit # A0000901552 (now obsolete)	MK				Packed (3)			
33850	G-151	Suzuki Verona, Chev Epica (04-07)	F	6.300	T-2.340 B-2.135		None			
33866	G-120I	Eagle Talon (95-96), Mitsubishi Eclipse (95-99) (Includes Bracket)	F	4.488	2.795					
33875	G-89L	Lexus LX470, Toyota Land Cruiser (98-06) (Includes Bracket)	F	4.685	2.756					
33876	G-88D	Mitsubishi Diamante (97-04) (Includes Bracket)	F	5.571	2.520					
33878	G-117D	Toyota Paseo Calif. Only (95-96), Paseo (97-99), Tercel (95-99) (Includes Bracket)	F	4.075	2.520					
33881	G-116E	Kia Sportage (95-97) - (Includes Bracket)	F	4.921	2.795					
33882	G-22D	Suzuki Grand Vitara (99-05) Includes bracket	F	5.354	2.756					
33883	G-76D	Kia Rio (01-05) (Includes Bracket)	F	7.190	T-2.825 B-2.215					
33884	G-23F	Kia Sportage (98-02) (Includes bracket)	F	5.708	T-2.205 B-2.795					

TECHNICAL DATA

* CFM=Cartridge Fuel Metal Canister Filter; CFMF=Cartridge Fuel Metal Free Filter; CFS=Cartridge Fuel Sock Filter; F=Fuel (Complete In-Line) Filter; FC=Fuel Cartridge (Special Type) Filter; KWFM=Key-Way Style Fuel Manager Filter; MK=Filter Change Maintenance Kit; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter

® Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33886	G-124A	Toyota T100 (94-98), Tacoma (95-04) - (Includes Bracket)	F	5.120	2.800					
33887	G-78B	Audi (05-08)	F	7.000	2.940					
33889	G-91B	Cadillac (05-11)	F	6.120	T-2.155 B-2.145					
33890	G-121F	Hyundai Excel (90-94), Scoupe (91-95), Mitsubishi Precis (90-94) (Includes Bracket)	F	5.040	2.800					
33892		Freightliner Trucks - complete spin-on w/ drain	SOFW	9.970	4.281	1-14	Attached	3.55	3.16	.22
33896	G-48C	VW Jetta, Golf, Passat w/ 1.9L Diesel (93-99)	F	7.875	3.555					
33897	G-192	VW Beetle w/ 1.9L Diesel (98), VW Jetta w/ 1.9L Diesel (99) Late Model Only	F	7.625	3.545					
33899		Ford Super Duty Pickup, Excursion w/ 6.0L Diesel (03-07) - contains 2 different size elements - Installation instruction sheet in the box	CFMF	4.240	3.335	T-CLOSED B-1.570	Packed	2.83	2.65	.09
							Packed	3.92	3.63	.145
33899MP		Master Pack version of 33899 (6 per carton)	CFMF	4.240	3.335	T-CLOSED B-1.570	Packed	2.83	2.65	.09
							Packed	3.92	3.63	.145
33900R		Racing Applications - Replaces Fram HPGC-1	CFM	2.500	2.750	.656	None			
33901	G-76C	Kia Sephia (98-01), Spectra (00-04) Includes bracket	F	6.417	2.205					
33905	G-89F	Mitsubishi Montero Sport (97-04) - (Includes Bracket)	F	4.961	2.559					
33908	G-181A	Chrysler Family of Cars (96-01), Mitsubishi (96-99) (Includes Bracket)	F	4.016	2.520					
33911		Stanadyne FM100 Series (5 Micron)	KWFM	5.770	3.460	T-.680 B-CLOSED	None			
33912		Stanadyne FM100 Series (30 Micron)	KWFM	5.770	3.460	T-.680 B-CLOSED	None			
33913		Stanadyne FM100 Series (150 Micron)	KWFM	5.770	3.460	T-.680 B-CLOSED	None			
33914		Stanadyne FM100 Series For Marine Applications (5 Micron)	KWFM	5.850	3.460	T-.680 B-CLOSED	None			
33915		Stanadyne FM100 Series For Marine Applications (30 Micron)	KWFM	5.850	3.460	T-.680 B-CLOSED	None			
33916		Stanadyne FM100 Series For Marine Applications (150 Micron)	KWFM	5.850	3.460	T-.680 B-CLOSED	None			
33918	G-111B	Toyota Tundra (00-07) (Includes Bracket)	F	3.740	T-2.520 B-1.970					
33920		Detroit Diesel Series 60, 55, 50 Engines (2005-on only) (This is a 33120 w/ a different style base plate)	SOF	7.038	3.698	1 ³ / ₁₆ -12	Attached	3.444	3.1	.26
33925	G-182A	Toyota RAV 4 (96-00) (Includes Bracket)	F	4.075	2.520					
33929	G-188F	Jeep Grand Cherokee, Laredo (99-01)	F	6.730	2.150					
33930		Dahl #20130 - Fuel Series	CFM	4.625	6.070	T-1.480 B-3.281	Packed	6.875	6.495	.19
33932		Freightliner, Sterling Trucks w/ Cat Engines	SOFW	7.407	3.690	1-14	Attached Packed	2.81 1.24	2.46 .96	.21 .14
33933	G-146	Onan Generator	F	1.935	T-1.325 B-1.130					
33934	G-196	Dodge Sprinter Vans, Mercedes, Jeep w/ Mercedes MBE600 2.7L, 3.0L Diesel (04-13) (w/o sensor - sensor must be removed from old filter and reinstalled on the new filter - has 2 packed o-rings)	F	5.026	3.594		Packed (2)	.75	.625	.0625
33935		Freightliner Trucks - Complete spin-on w/ drain + sensor port (plastic bowl not required w/ this filter) - Sensor port thread size is 1/2-20	SOFW	11.234	4.290	1-14	Attached	3.56	3.16	.26
33936		Cummins ISC, ISL Engines - Secondary fuel filter	SOF	7.151	3.730	7/8-14	Attached Packed	2.81 1.286	2.46 .91	.21 .188
33937		Chev/GMC, Isuzu NPR, NQR, NRR Trucks w/5.2L Diesel Engine	CFMF	4.566	T-3.858 B-3.582	T-CLOSED B-.472	Packed (O-Ring)	4.33	4.056	.137
33938		Racor 3150R fuel assembly - Thermo-King Refrigeration Units, Other	SOFW	6.280	5.026	1 1/4-12	Packed Packed	4.17 4.061	3.635 3.813	.306 .115
33940		Cummins Tier 2 QSB Applications	SOFW	9.806	3.657	1 1/8-16	Attached	2.834	2.462	.205
33941		Caterpillar Equipment - metal mesh media	CFM	2.990	2.190	.405	None			
33942		Komatsu Equipment	SOFW	12.095	4.650	1 1/4-12	Attached	4.21	3.62	.21
33943	G-156	Dodge Trucks (57-65), Ford Trucks (63-64), JHC Trucks, Rambler (62-63)	CFM	1.890	1.371	T-CLOSED B-.555	15308 15253	2.093 1.937	1 1	.062 .08
33944		Cummins QSK Tier 2 series engines	SOF	10.500	4.660	2 1/4-12	Attached	4.68	4	.4

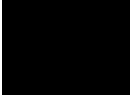
* CFM=Cartridge Fuel Metal Canister Filter; CFMF=Cartridge Fuel Metal Free Filter; F=Fuel (Complete In-Line) Filter; KWFM=Key-Way Style Fuel Manager Filter; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33945		Various John Deere, Leibherr equipment	SOF	5.600	3.710	16X1.5 MM	Attached	2.81	2.46	.24
33946	G-91C	Pontiac Grand Prix (04-05), G6 (06)	F	6.398	2.173					
33947		Fleetguard Sea Pro 5 Series Marine Housings	SOFW	12.996	4.754	1 1/4-12				
33948		Komatsu Equipment	SOF	11.294	4.700	1 5/8-12	Attached	4.33	3.85	.21
33949		Renault, Mack Truck & Buses	SOF	5.622	3.707	18X1.5 MM				
33951		Dahl 150 Fuel Systems (4 micron) - Dahl #15130 is 30 micron version - # 151W is 10 micron version	CFM	4.280	4.220	T-.830 B-1.690	None			
33952		Dahl 150 Fuel Systems (10 micron) Dahl # 15130 is 30 micron version - # 151 is 4 micron version	CFM	4.280	4.220	T-.830 B-1.690	None			
33953		Dahl 150 Fuel Systems (30 micron)	CFM	4.280	4.220	T-.830 B-1.690	None			
33954		Saab-Scania Engines, Trucks	SOF	5.669	3.779	24X1.5 MM	Attached	2.795	2.44	.25
33955		Cummins QSC, QSL Tier 3 Engines - has drain and sensor plug (has metal drain stem on valve required for marine applications)	SOFW	7.945	3.656	1-14	Attached	2.835	2.461	.21
33956		Komatsu Equipment	SOF	6.719	3.690	20X1.5 MM	Attached Packed	2.81 .97	2.46 .46	.21 .18
33957	G-77B	Ford Taurus, Mercury Sable w/ 3.0L (01)	F	6.377	T-2.244 B-2.000		None			
33958		Primary Detroit Diesel 12V-71, 16V-71, 16V-92 Engines (19 Micron) - Used with secondary 33959	SOF	8.957	4.658	1 1/4-12	Attached	4.320	3.820	.365
33959		Secondary, used with 33958 Primary(10 Micron)	SOF	8.957	4.658	1 1/16-16	Attached	4.320	3.820	.365
33960		Chevy-GMC Trucks w/ 6.6L Duramax Diesel (01-09) (standard version of 33960XE)	SFWOE	6.300	T-3.958 B-3.472	3 3/8-8	Packed Packed	1.63 3.755	1.3 3.475	.165 .14
33960MP		Master pack version of 33960	SFWOE	6.300	T-3.958 B-3.472	3 3/8-8				
33960XE		GMC Trucks (01-12), Chevy (01-12) w/ 6.6L Duramax Diesel - High efficiency version of 33960	SFWOE	6.390	4.020	3 3/8-8	Packed (O-Ring) Packed	1.63 3.755	1.3 3.475	.165 .14
33960XEMP		Master pack version of 33960XE	SFWOE	6.390	4.020	3 3/8-8				
33961		Hatz Diesel Engines (slightly shorter version of 33361 to assist w/ clearance issues)	SOF	3.120	2.985	16X1.5 MM	Attached	2.825	2.475	.21
33962		ThermoKing Reefer Units - APU fuel systems	SOFW	5.035	3.694	22X1.5 MM	Attached	2.834	2.462	.2
33963		Ford Superduty PU w/6.4L Powerstroke diesel (08-10), IHC Trucks - (has two different size elements in one box - smaller one is a fuel-water separator - the larger element is the standard fuel)	CFMF	4.760	3.580	T-CLOSED B-1.580	Packed (O-Ring) Packed (O-Ring)	3.851 4.218	3.541 3.948	.155 .135
33964		Davco DI9100 Series Fuel Housings, FH230, FH234 Fuel Pro Series Housings	CFM	7.039	4.210	T-CLOSED B-.660	Packed (O-Ring) Packed (O-Ring)	1.761 5.1	1.489 4.69	.136 .205
33965		Cummins ISB 6.7L, ISC, ISL Engines, CAT C7 (suction side) - has drain + plug-in sensor port	SOFW	9.838	3.681	1-14	Attached	2.82	2.475	.23
33966		Cummins ISB Engines - goes on the pressure side of this engine - 33965 is for the suction side	SOF	7.220	3.690	20X1.5 MM	Attached	2.83	2.475	.225
33967		IHC Maxxforce 7 (6.4L) engine - This is a kit w/ two fuel filters included (1 spin-on - 1 cartridge) sold together as one unit - not sold separately	MK							
33968		Mack CXP612, CXP613, GU703, CTP713, CTP713B, GU713, GU803, GU813 Trucks with MP7, MP8 Engines	SOFW	7.817	3.690	1-14	Packed Packed Packed	3.57 1.25 3.48	3.165 1 3.22	.24 .215 .13
33969		John Deere Equipment - has open end bottom that requires a reusable plastic bowl	SFWOE	8.520	4.250	7/8-14	Packed Packed	3.562 4	3.162 3.72	.266 .125
33970		New Holland, Freightliner	SOFW	6.782	4.300	1-14	Attached	3.54	3.16	.21
33971	G-9B	Plastic Universal in-line fuel filter w/ 1/4" lines - can be used w/ gas or diesel fuel (33001 or 33031 are for gasoline only)	F	3.449	1.828					
33972	G-10B	Plastic Universal In-line fuel filter w/ 5/16" lines - can be used w/ gasoline or diesel fuel (33002 only to be used w/ gas)	F	3.636	1.828					
33973		John Deere - This is the cartridge primary filter that goes in Kit # 33975 - this filter is only sold with the kit which includes the secondary filter (33974) as well - Not sold individually	CFMF	6.270	3.750	T-1.610 B-1.599	Packed	4.234	3.956	.139
33974		John Deere - This is the spin-on secondary filter - 33974 is not sold individually - it is sold as part of a kit that includes this spin-on and cartridge 33973 - must buy Kit # 33975 which includes both filters packed together	SOF	6.150	4.390	1-14	Attached	3.18	2.91	.21
33975		John Deere Equipment - Two different fuel filters sold together as a Kit (cartridge is 33973 - primary) (Spin-on is 33974 secondary) - the individual filters are not sold separately	CFMF							



TECHNICAL DATA

* CFM=Cartridge Fuel Metal Canister Filter; CFMF=Cartridge Fuel Metal Free Filter; F=Fuel (Complete In-Line) Filter; MK=Filter Change Maintenance Kit; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter; SFWOE=Spin On Fuel Water Separator w/ Ope
 ° Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
33976		Chev-GMC Trks w/ 6.5L Diesel (92-02), Hummer (93-04)	FC	6.170	T-2.574 B-3.700	T-.838 B-CLOSED	Packed	3.319	2.937	.13
33977		John Deere Equipment - Primary fuel used w/ 33978	KWFM	7.750	T-3.340 B-3.120	T-.860 B-CLOSED	None			
33978		John Deere Equipment - Secondary fuel used w/ 33977 primary	KWFM	7.800	T-3.340 B-3.120	T-.860 B-CLOSED	None			
33979		John Deere Equipment	SOF	9.190	4.250	1-14	Packed	4	3.651	.28
33980	G-91D	Chevrolet, Pontiac, Saturn (03-10)	F	4.800	2.170					
33981	G-199	Universal in-line fuel filter housing for various motorcycle, ATV + mower applications - includes in-line housing w/ plastic mesh fuel filter and three adjustable threaded line sizes (1/4", 5-16", 3/8") - the mesh replacement element is # 33983 - can be used w/ gas or diesel (for shorter version, use # 33982)	FFH	3.386	1.102		None			
33982	G-200	Universal in-line fuel filter housing for various motorcycle, ATV + mower applications - includes in-line housing w/ plastic mesh fuel filter and three adjustable threaded line sizes (1/4", 5-16", 3/8") - the mesh replacement element is # 33984 - can be used w/ gas or diesel (for longer version, use # 33981)	FFH	2.559	1.102		None			
33983	G-201	Plastic mesh fuel filter element replacement for in-line housing 33981 - can be used for gas or diesel	FC	1.520	.633	.482	Packed (3)	.98	.728	.135
33984	G-202	Plastic mesh fuel filter element replacement for in-line housing 33982 - can be used for gas or diesel	FC	.763	.633	.482	Packed (3)	.98	.728	.135
33985		Various Applications w/ Cummins Engines - High efficiency media - complete spin-on w/ drain + sensor port	SOFW	8.817	3.690	1-14	Attached	2.81	2.46	.19
33986		John Deere Marine Engines - has open end bottom that takes reusable bowl - also has a removable plastic fill cup that threads onto the base-plate (10 micron)	SFWOE	8.750	4.250	1-14	Attached	3.58	3.19	.265
33987		Deutz Engines, Liebherr, Other	SOF	5.708	3.779	16X1.5 MM				
33988		John Deere 4.5L Powertech marine engine - 10 micron	KWFM	5.755	3.330	T-.860 B-CLOSED				
33989		Perkins Engines	CFMF	10.320	4.900	T-CLOSED B-2.060	Packed (O-ring)	5.406	5.146	.13
33990		Perkins Engines	CFMF	9.130	4.590	T-CLOSED B-2.162	Packed (O-ring)	5.394	5.124	.135
33991		IHC Maxxforce 11 & Maxxforce 13 Engines	CFMF	7.248	3.740	T-.551 B-1.771	Packed Packed	4.213 2.158	3.907 1.968	.153 .095
33992		Racor 325 series fuel systems - Complete Spin-on w/ Drain & Sensor port - Sensor thread size is 1/2-20 - Can be used in place of 33630 so plastic bowl no longer required	SOFW	6.615	4.290	1-14	Attached	3.54	3.16	.21
33993		Mahindra Tractors	CFM	4.528	2.598	.531	None			
33994		IHC Trucks w/ DT466E, MaxxForce Engines	CFMF	5.540	3.280	T-CLOSED B-1.169	Packed (2)			
33995		Primary F/W Separator for Various Mack, Volvo Trucks - has stepped-down female threaded open end bottom that takes a reusable plastic bowl	SFWOE	5.118	4.347	1-14	Attached Packed	4.093 3.493	3.727 3.243	.271 .125
33996		Applications with Deutz Diesel engines - (w/standpipe - if standpipe not required, use 33961)	SOF	3.212	3.149	16X1.5 MM	Attached	2.815	2.461	.2
33997		Davco 210 Fuel Processor - Primary Fuel - 10 micron	SOF	6.93	3.18	16X1.5MM				
33998		Davco 210 Fuel Processor - Primary Fuel - 25 micron	SOF	6.93	3.18	16X1.5MM				
42003	A-59	Allis-Chalmers, Hyster, IHC, John Deere, Towmotor, M-F	A	10.687	T-3.562 B-3.543	T-CLOSED B-2.040				
42005	A-21	Case Tractors	A	5.000	10.230	5.540				
42006	A-59	IHC, Allis Chalmers, Case, GMC Trucks, Wayne Sweepers	A	20.250	6.968	T-CLOSED B-4.750				
42007	A-59	IHC TD15, TD18, Case, GMC	A	18.156	6.074	T-CLOSED B-3.628				
42008	A-44	Various Marine Applications	AP	5.380	19.500	19.500				
42009	A-59	Allis Chalmers HD-7G, Ford, Fiat-Allis.	A	14.437	T-6.072 B-6.059	T-CLOSED B-3.644				
42010	A-59	Allis Chalmers D190, Fiat-Allis	A	14.250	T-5.551 B-5.537	T-CLOSED B-3.165				
42011	A-1	Chrysler, Dodge, Plymouth, Renault. (60-80) - A separate wrap is available (part # is 24707)	A	3.000	T-8.300 B-8.000	6.470				
42012	A-21	Caterpillar Engines and Generator Sets, Road Graders, Diamond T, IHC	A	12.000	10.214	5.557				

* AP=Air Filter Panel; CFM=Cartridge Fuel Metal Canister Filter; CFMF=Cartridge Fuel Metal Free Filter; F=Fuel (Complete In-Line) Filter; FC=Fuel Cartridge (Special Type) Filter; KWFM=Key-Way Style Fuel Manager Filter; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter; FFH=Fuel Filter Housing; SFWOE=Spin On Fuel Water Separator w/ Ope
 ° Housing gasket not packaged with filter - order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
42013	A-195	Chevy Colorado, GMC Canyon (04-07), Hummer H3 (06-07), Isuzu I280, I350 (06-08)	A	8.875	5.820	T-CLOSED B-3.59				
42014	A-59	Pettibone-Mulliken, GMC, IHC, Y&T	A	9.312	7.060	T-CLOSED B-4.600				
42015	A-51	Kia Sportage (95-02)	AP	1.457	7.126	10.433				
42016	A-48	Kia Sephia (94-97)	AP	1.654	6.181	10.118				
42017	A-59	Case 400SK Skid King, Elgin Sweepers, GMC Trucks(65-73)	A	12.593	7.057	T-CLOSED B-4.687				
42018	A-18	Sullair Compressors and Various HD Housings (Outer used w/42019)	A	24.500	15.120	T-.810 B-10.000				
42019	A-22	Various Sullair Compressors (Inner used w/42018)	A	23.500	9.910	T-.810 B-8.060				
42020	A-1	AMC (71-78), Chrysler Family of Cars (57-89), Dodge Light Trucks + Vans (71-03), Jeep w/V-8 Eng. (71-91) - A separate wrap is available (part # is 24700)	A	2.737	10.000	7.540				
42022	A-59	Optional Applications w/Purolator Housings	A	20.281	T-9.000 B-9.048	T-CLOSED B-5.389				
42023	A-128	Acura TL S-Type 3.2L, CL S-Type H/O (01-04)	AP	1.600	6.150	12.750				
42024	A-21	Optional Applications w/Purolator Housings	A	24.000	10.228	5.543				
42025	A-21	Optional Applications w/Purolator Housings (Outer used w/42247)	A	24.000	14.185	9.515				
42028	A-21	Optional Applications w/Purolator Housings	A	24.000	16.625	12.000				
42029	A-112	Freightliner Classic	RSA	19.000	10.975	5.796				
42030	A-4	Chrysler Family of Cars. (57-59)	A	3.620	T-11.438 B-6.562	T-9.125 B-4.250				
42032	A-1	Pontiac GTO/Tempest (61-66)	A	1.950	5.500	4.000				
42033	A-112	CAT, John Deere, Other (Outer used w/42034 inner)	RSOA	11.510	7.950	T-CLOSED B-4.250				
42033FR	A-112	CAT, John Deere, Other - Flame retardent version of 42033 (Outer used w/42034 inner)	RSOA	11.510	7.950	T-CLOSED B-4.250				
42034	A-144	CAT, John Deere (Inner used w/42033 outer)	RSIA	10.820	T-4.190 B-3.950	T-CLOSED B-3.938				
42036	A-5	Dodge Omni, Plymouth Horizon (78-83)	A	5.762	4.393	3.002				
42037	A-22	Ford H.D. Trucks (Optional Applications)	A	14.125	9.798	T-.406 B-5.156				
42039	A-4	Buick, Chevrolet, Olds, Pontiac (80-86)	A	2.109	T-10.629 B-9.173	T-9.094 B-7.637				
42040	A-2	Desoto, Dodge, Plymouth (57-58)	A	3.540	8.000	5.750				
42041	A-2	Chrysler, Desoto, Dodge, Plymouth, Rambler (57-66)	A	3.160	T-10.250 B-9.937	7.687				
42043	A-1	Chrysler Family of Cars V-8 (63-78)	A	3.500	12.802	11.035				
42044	A-1	Chrysler Family of Cars V-8 (68-90)	A	2.750	12.796	11.031				
42045	A-52	Caterpillar (Outer used w/42046 or 46629) Radial Seal Version 46607	A	16.500	11.000	T-CLOSED B-6.725				
42046	A-12	(Inner used w/42045) Radial Seal Version 46595	A	16.100	T-6.300 B-9.060	4.625				
42047	A-52	Caterpillar (Outer used w/42048 or 46511) Radial Seal Version 46474	A	12.500	T-9.218 B-9.138	T-CLOSED B-4.890				
42048	A-12	Inner Air used with 42047, Radial Seal Version 46475	A	12.100	T-4.812 B-7.312	3.625				
42049	A-1	Dodge Trucks (71-79) - A separate wrap is available (part # is 24702)	A	3.539	10.906	8.937				
42050	A-1	Continental Engines, Ford and Mercury (57-66),Ingersoll-Rand, Kohler, Tractor Cab Air	A	3.656	T-9.437 B-9.156	6.750				
42051	A-1	Ford Family of Cars (58-62)	A	2.380	T-10.390 B-9.770	7.290				
42052	A-48	Mercedes CLK Class (99-03) - (Some applications take 2 per vehicle - 1 filter per box)	AP	1.161	7.480	13.209				
42053	A-1	Ford Family of Cars (60-62)	A	2.080	T-13.145 B-12.540	10.385				
42054	A-1	AMC (64-88), Ford (60-69), Dodge, Jeep (79-87)	A	2.264	9.718	8.187				
42055	A-1	Ford Family of Cars (62-86) - A separate wrap is available (part # is 24708).	A	3.220	8.400	6.580				

TECHNICAL DATA

* AP=Air Filter Panel; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air
 ° Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
42056	A-2	Ford and Mercury (63-64)	A	2.531	9.780	7.280				
42057	A-1	Ford Family of Cars V-6 3.8L (73-87).	A	1.974	11.250	9.030				
42060	A-2	Lincoln and Mercury (57-58)	A	4.090	T-14.500 B-13.750	12.000				
42061	A-1	Ford, Mercury, Mustang (64-68), Dodge Trucks (87-88), IHC (74-75), AMC (78-79)	A	2.350	10.000	7.540				
42062	A-2	Ford 6 Cyl. Engine (65-67)	A	2.560	10.260	8.340				
42063	A-1	Ford, Mercury (62-71)	A	2.193	13.300	11.320				
42064	A-2	Ford, Ford Falcon, Fairlane, Mustang (68-69)	A	2.250	10.260	8.340				
42066	A-23	Cummins, IHC, Reo, Gardner-Denver (Optional Application)	A	11.015	8.412	T-.525 B-5.776				
42067	A-1	Ford (68-86), Jeep (84-85)	A	2.132	10.906	8.937				
42070	A-1	Cadillac (67), Dodge Police (59), Chevrolet (63-65).	A	2.120	12.802	11.035				
42071	A-1	Ford Pinto 4 Cyl. 1.6L Eng. (71-72)	A	2.300	11.030	8.925				
42072	A-1	Ford Pinto (71-73), Komatsu Forklift	A	2.100	9.230	7.030				
42073	A-1	Ford Family of Cars and Trucks (72-91) - A separate wrap is available (part # is 24709)	A	2.615	11.250	9.030				
42076	A-22	Massey-Ferguson Tractors (Outer used w/46297)	A	9.375	T-4.093 B-4.085	T-.660 B-2.475				
42077	A-1	Ford Family of Cars and Trucks (69-86), BMW (75-76) - A separate wrap is available (part # is 24710)	A	2.117	11.750	9.560				
42079	A-1	Ford Mustang II (75-76)	A	1.875	13.550	11.345				
42080	A-1	GM Family of Cars (58-64)	A	3.040	12.609	9.796				
42081	A-1	GMC Trks w/ V6 305 CID, Oldsmobile (59-67)	A	2.750	13.040	10.200				
42082	A-1	Buick, Cadillac, Chevrolet Trucks, Pontiac (61-65)	A	3.030	9.960	8.620				
42083	A-1	GM Family of Cars and Trucks (62-80), Bertone (84-87)	A	1.982	9.718	8.187				
42084	A-2	Buick (65-67)	A	2.360	11.625	9.625				
42086	A-51	Kia Sedona (02-05)	AP	1.600	7.500	10.625				
42087	A-2	Chevrolet Corvair (61-65), Cushman, Komatsu, Post Office Specialty Vehicles	A	3.109	5.500	3.812				
42088	A-1	GM Family of Cars and Trucks (69-96) - A separate wrap is available (part # is 24706)	A	3.545	9.718	8.187				
42089	A-26	IHC TD-20 Crawler Tractor	A	20.093	7.060	T-CLOSED B-4.370				
42091	A-1	Buick (59), Chevrolet (59-66), Pontiac (59-66), Volvo (71-75) - A separate wrap is available (part # is 24703)	A	3.030	11.500	8.625				
42092	A-2	Buick (63-66), Cadillac (59-60), Olds (59-60)	A	2.920	T-17.062 B-16.160	13.812				
42093	A-1	Chevrolet and GMC Trucks (72-89), Olds (61-62)	A	3.015	9.718	8.187				
42095	A-1	GM Family of Cars (68-85)	A	3.040	13.875	11.625				
42096	A-1	GM Family of Cars and Trucks w/Diesel Eng.(78-85) - The wrapped version is 46096	A	4.056	13.875	11.625				
42096R	A-1	Racing Applications Only	A	4.050	13.875	11.625				
42097	A-1	Cadillac, Oldsmobile, Pontiac (61-78)	A	2.546	10.750	8.609				
42098	A-1	GM Family of Cars and Trucks (68-97) - a separate wrap is available (part # is 24704)	A	3.489	12.000	9.828				
42099	A-1	Cadillac (68-79)	A	2.578	12.344	10.844				
42100	A-2	Chevrolet Corvette(61-62), Pontiac GTO (66-67)	A	1.531	13.750	12.000				
42101	A-1	GM Cars + Trucks (68-92), Jeep (70-71) - A separate wrap is available (part # is 24701)	A	2.489	12.000	9.828				
42102	A-1	Pontiac (70-76, 79), Oldsmobile (70-74)	A	2.546	13.125	11.625				
42103	A-1	GM Family of Cars and Trucks (79-87) - A separate wrap is available (part # is 24711)	A	2.312	9.968	8.625				
42104	A-22	Caterpillar (Outer used w/42342)	A	12.375	6.750	T-.625 B-3.450				
42105	A-22	Hummer H1 w/ 6.5L Diesel (96-06)	A	13.130	9.060	T-.500 B-5.720				
42106	A-1	Mercedes-Benz (76-85)	A	3.375	12.000	8.800				
42107	A-22	Vortex Housing Applications	A	8.875	6.090	T-.437 B-3.000				

* AP=Air Filter Panel

° Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
42108	A-22	Vortex Housing Applications	A	10.156	8.875	T-.437 B-5.000				
42109	A-22	Vortex Housing Applications	A	10.375	10.230	T-.437 B-5.500				
42110	A-1	AMC (58-61), Continental Engines, Hercules, Kohler, Studebaker (57-61), Towmotor	A	3.000	6.350	5.000				
42111	A-1	AMC (61-72), Studebaker (61-64).	A	2.780	T-9.440 B-9.150	6.750				
42112	A-1	AMC Rambler, Studebaker (62-66).	A	3.046	T-6.640 B-6.375	4.109				
42113	A-1	Ford Family of Cars (69-78)	A	2.510	13.000	11.203				
42114	A-22	Vortex Housing Applications	A	13.375	11.884	T-.437 B-7.125				
42115	A-22	Vortex Housing Applications	A	10.281	7.383	T-.437 B-3.500				
42116	A-1	Ford Family of Cars and Trucks (69-87) - A separate wrap is available (part # is 24712)	A	2.822	13.000	11.203				
42117	A-1	Vortex LPG Conversion	A	3.062	12.000	9.875				
42118	A-9	IHC H.D. Trucks	AF	10.439	T-10.000 B-7.940	T-.500 B-3.562				
42119	A-22	AG-Chem, Allis-Chalmers, Case, Clark, Galion, Grove Crane, IHC, Hitachi & Kobelco Loaders and Excavators (Outer used w/42924)	A	13.375	9.223	T-.660 B-4.889				
42120	A-56	Caterpillar Starter Engines	A	4.750	4.266	T-CLOSED B-1.550				
42121	A-1	Austin, MG Midget (Emission Control) (70-79)	A	2.437	3.125	1.750				
42122	A-1	Chevrolet and GMC Trucks (66-92) - The wrapped version is 46222	A	5.500	11.500	8.625				
42123	A-8	Massey-Ferguson MF-135 Tractors (Outer used w/46297)	AF	9.375	T-5.147 B-4.093	T-2.475 B-.660				
42124	A-8	Clark, Cummins, Euclid, Ford H.D. Trucks, GMC H.D. Trucks, Hitachi Loader/Excavators, Hough, IHC, John Deere, Mitsubishi Fuso Trucks	AF	12.377	T-13.703 B-11.062	T-.531 B-6.725				
42125	A-8	GMC H.D., IHC, Mack Trucks, White Trucks	AF	14.377	T-15.703 B-12.093	T-.531 B-7.729				
42126	A-8	Allis-Chalmers, Case, Clark, Hyster, IHC, John Deere, Joy, Massey Ferguson, Minneapolis-Moline, Oliver (Outer used w/46371, 46372, 46375 or 42342).	AF	12.250	T-7.812 B-6.090	T-.750 B-3.500				
42127	A-8	Allis Chalmers 190, 200 Tractors.	AF	9.377	T-9.940 B-7.937	T-.531 B-3.567				
42128	A-22	Chicago Pneumatic C700, Euclid B110, R35, Ingersoll-Rand VHP-1050 (Outer used w/42132)	A	18.500	13.830	T-.906 B-9.480				
42129	A-22	White Trucks	A	13.502	11.095	T-.531 B-6.725				
42130	A-22	Hough, IHC	A	14.375	13.831	T-.531 B-9.480				
42131	A-4	Toyota Landcruiser (75-88)	A	2.561	T-14.700 B-10.200	T-10.550 B-6.050				
42132	A-22	(Inner used w/42128 or 46736)	A	17.039	8.641	T-.906 B-7.053				
42133	A-48	Audi/VW (76-92), Chrysler Family of Cars and Trucks (84-01)	AP	1.638	5.250	10.750				
42134	A-8	John Deere Tractors	AF	9.281	T-6.375 B-5.254	T-.656 B-2.621				
42135	A-1	Lister Petter Engines	A	2.865	5.910	3.500				
42136	A-51	Nissan (75-90), Subaru (85-94)	AP	1.416	6.198	10.710				
42137	A-14	Joy Compressors (Inner used w/42138 or 42202)	A	15.000	T-6.410 B-7.460	T-.675 B-5.265				
42138	A-9	(Outer used w/42137)	AF	15.375	T-13.656 B-11.095	T-.625 B-6.725				
42139	A-9	GMC H.D.Trucks	AF	12.314	T-10.000 B-7.935	T-.500 B-3.567				
42140	A-1	Ford Family of Cars V-8 Eng.(76-82)	A	1.765	11.500	9.030				
42141	A-1	Ford Family of Cars V-6 Eng (76-86)	A	1.791	11.240	9.400				

TECHNICAL DATA

* AF=Air Filter w/Fin; AP=Air Filter Panel
 § Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
42142	A-8	Willmar Sprayers	AF	12.000	T-6.093 B-7.937	T-.708 B-3.937				
42143	A-5	GM Family of Cars w/Turbocharged Eng.(78-88)	A	5.281	5.125	3.406				
42144	A-59	IHC TD-9B Dozer	A	17.375	T-5.551 B-5.537	T-CLOSED B-3.165				
42145	A-8	Allis Chalmers M-100 Grader.	AF	13.377	T-9.940 B-7.937	T-.531 B-3.567				
42146	A-136	Ford Lawn and Garden Tractors.	A	7.343	T-5.015 B-3.293	T-.250 B-1.750				
42147	A-1	MG (62-74) - 2 per application - 2 per box	A	3.570	5.040	3.500				
42148	A-1	Fiat (66-73)	A	2.150	6.810	5.050				
42150	A-1	Mercury Capri 4 Cyl. 2300cc (76-78)	A	2.460	11.656	9.921				
42151	A-51	Mercury Capri (72-74), M.G. (75-81) (Flame Retardant Media)	AP	1.380	4.970	9.940				
42152	A-1	Fiat X1/9 (74-78)	A	1.830	9.055	7.480				
42153	A-1	Toyota (69-80), Dodge Colt, Plymouth Arrow (78-79)	A	2.281	9.703	6.969				
42155	A-1	Triumph (68-80)	A	2.030	6.810	4.680				
42156	A-111	Jeep Liberty, Wrangler w/ 2.4L (02-06)	AP	2.106	6.496	9.940				
42157	A-5	BMW, Opel (60-73)	A	4.250	5.820	3.500				
42158	A-5	Austin-Healey, M.G. Midget (59-74)	A	3.550	4.380	2.980				
42159	A-21	Toyota Landcruiser (69-74)(89-98)	A	5.750	8.937	4.312				
42160	A-1	Fiat (69-79)	A	2.235	9.055	7.480				
42164	A-111	Kia Sorento (03-06)	AP	1.303	9.331	11.732				
42165	A-5	Mercedes (59-76), Volvo (71)(73)	A	5.000	7.000	4.750				
42167	A-50	Insley, Komatsu - Cab Air	AP	2.230	7.500	20.000				
42168	A-48	BMW (95-99)	AP	1.650	9.325	9.200				
42170	A-48	AMC (88), Audi (78-92), Dodge Monaco (90-92), Eagle Premier (89-92), Jeep (86-90), Renault (88), Volkswagen (74-91), Volvo (69-73), Case-IH, Steiger	AP	1.275	5.250	13.175				
42172	A-48	Mercur Scorpio (88-89)	AP	1.620	8.450	10.180				
42174	A-32	Mercedes 300 Series (86-92)	A	3.307	16.043	12.835				
42177	A-48	Volvo (93-07)	AP	1.815	7.280	13.740				
42180	A-8	Nissan Forklifts: C80K, C80KLP	AF	9.410	T-5.250 B-6.380	T-.650 B-2.840				
42181	A-111	Honda Odyssey (99-01)	AP	2.570	6.440	11.250				
42182	A-111	Suzuki Aerio (02)	AP	2.390	6.350	7.125				
42183	A-22	Detroit Diesel, GMC (Optional Applications)	A	7.375	13.850	T-.531 B-11.235				
42185	A-5	Renault Fuego, 18i (84-86)	A	10.100	5.000	3.400				
42186	A-1	Fiat 128 (71-73), Yugo (86-91)	A	1.900	8.250	6.250				
42188	A-5	Acura RSX (02-06), Honda CRV (02-06), Element (03-06)	A	6.850	5.472	3.228				
42189	A-48	Hyundai Accent 1.6L (01-02) (Obsolete)	AP	1.496	6.574	7.519				
42190	A-48	Jeep Grand Cherokee 4.7L High Output Engine (02-04)	AP	1.515	9.685	10.708				
42193	A-1	Saab 900 2.1L (91-94); Volkswagen Vanagon (86-91)	A	4.031	7.031	3.781				
42194	A-2	Mercedes 300D, SD, TD (77-85)	A	4.200	12.000	8.800				
42199	A-32	Jaguar XJ6 (78-89), Lotus (75-84)	A	6.350	5.440	3.181				
42200	A-5	Renault (71-85)	A	8.795	5.000	3.375				
42202	A-9	Joy Compressors (Outer used w/42137)	AF	18.439	T-15.625 B-12.088	T-.708 B-7.729				
42203	A-56	Allis-Chalmers D-15D, Caterpillar Engs. and Generator Sets	A	18.250	13.831	T-CLOSED B-9.480				
42205	A-21	Applications For Purolator AP-400 Hsg.	A	7.500	10.250	7.937				
42206	A-21	Applications For Purolator AP-500 Hsg.	A	11.500	10.250	7.937				
42208	A-22	Various HD Equipment + Trucks (Outer used w/42209)	A	16.500	11.095	T-.675 B-6.725				
42209	A-14	Inner used w/42208 or 46698	A	16.000	T-6.410 B-7.454	T-.675 B-5.280				
42210	A-22	Ford Trucks C900, CT900 V-8 554 Eng.	A	10.281	9.223	T-.531 B-4.889				
42211	A-8	Huber-Warco D1400, D1500 Grader.	AF	16.000	T-7.812 B-6.090	T-.650 B-3.500				

* AF=Air Filter w/Fin; AP=Air Filter Panel

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
42212	A-9	GMC Trucks, IHC Trucks, White Trucks.	AF	10.439	T-11.562 B-9.218	T-.625 B-4.894				
42213	A-48	Mercedes Benz C Class, CLK (98-02), E Class (01-03)	AP	2.330	7.480	12.421				
42214	A-48	Various BMW (87-96), Lincoln (84-85), Kubota	AP	2.272	5.886	12.913				
42215	A-21	Caterpillar Road Graders & Scrapers	A	15.000	12.016	7.312				
42216	A-22	Case, Cat, Champion, Kawasaki, Kobelco, JCB, Volvo, Other (Outer used w/42217 or 42835)	A	20.500	10.841	T-.906 B-6.519				
42217	A-22	(Inner used w/42216)	A	19.375	6.410	T-.656 B-5.280				
42218	A-35	Honda Accord (86-88)	A	2.037	T-13.521 B-8.375	T-11.021 B-5.875				
42219	A-94	Acura Legend (86-90), Sterling (87-91) (Obsolete)	A	3.370						
42220	A-5	American-LaFrance, Diamond T Trucks	A	8.560	6.060	4.560				
42221	A-2	Allis-Chalmers, Continental, Hercules, Thermo-King, Yale & Towne (Flame Retardant Media)	A	3.850	6.060	4.560				
42222	A-8	Various HD Equip + Trucks (Outer used w/42769)	AF	11.438	T-5.249 B-6.375	T-.656 B-2.626				
42224	A-35	Honda Prelude w/Carb. (83-87)	A	2.700	T-11.600 B-8.500	T-9.580 B-6.480				
42225	A-22	A-C, Champion, Case, Hino, IHC, Iveco, New Holland, Komatsu, Other (Outer used w/ 42226 inner or 49510 inner for ceratin Komatsu models)	A	16.500	12.088	T-.875 B-7.729	15295 ⁸	12.31	11.552	4.2
42226	A-22	(Inner used w/42225)	A	15.375	7.640	T-.875 B-6.040	Packed	1.500	.843	.208
42228	A-4	Mercedes 190D Turbo (87), 350SD, 350SDL Turbo (90-91), 300 Series (86-87)	A	5.135	T-11.135 B-7.700	T-6.995 B-3.560				
42229	A-32	Mercedes 190E (84-88) (92) (Oval)	A	2.323	T-14.331 B-7.500	T-11.122 B-4.950				
42230	A-1	Checker Cab, IHC Trucks	A	3.910	T-9.390 B-9.190	6.660				
42231	A-1	GMC and IHC Trucks	A	3.000	13.000	10.500				
42232	A-5	IHC Trucks	A	6.565	9.000	6.625				
42233	A-35	Hatz Diesel Eng. Model "L" and "M" Series 30 and 40.(2L40, 2M40, 3M40, 3L40)	A	3.681	T-9.173 B-5.984	T-5.472 B-2.283				
42234	A-8	Various HD Equipment + Trucks	AF	10.502	T-9.940 B-7.937	T-.531 B-3.567				
42235	A-18	AG-Chem, Dynapac, Volvo, Sullair (Outer used w/42236)	A	20.375	13.830	T-.906 B-9.480				
42236	A-22	(Inner used w/42235)	A	18.508	8.641	T-.906 B-7.053				
42237	A-8	Allis-Chalmers, Clark, Euclid, Hough, IHC, Mack, Minneapolis-Moline, Reo	AF	10.375	T-9.218 B-11.531	T-.531 B-4.894				
42238	A-18	Drill Tech, Euclid, Wabco (Outer used w/42239)	A	23.500	17.636	T-.906 B-12.248	Packed	1.500	.843	.208
42239	A-22	(Inner used w/42238)	A	22.500	11.900	T-.900 B-10.200				
42240	A-23	IHC Trucks	A	7.625	8.075	T-.437 B-5.757				
42241	A-57	Mack Trucks	A	4.000	8.075	T-.250 B-5.757				
42242	A-20	Daihatsu Rocky (90-91)	A	6.188	6.133	3.440				
42243	A-112	Cat, John Deere Equipment - Outer (Inner for Cat Equipment is 46934)	RSOA	12.440	6.500	T-CLOSED B-3.670				
42244	A-21	Dodge Trucks w/V-8 361 and V-8 413 Gas Eng.	A	6.030	10.170	7.370				
42245	A-23	Cummins, White (Optional Applications)	A	7.937	6.625	T-.250 B-4.218				
42247	A-21	Purolator Housing Applications	A	23.375	8.075	5.757				
42248	A-21	Ingeroll-Rand, Purolator Hsg.	A	16.000	16.625	12.000				
42249	A-21	White Trucks, Purolator Hsg.	A	15.250	8.075	5.757				
42250	A-23	Autocar, Dodge Trucks, Hyster, IHC	A	12.000	10.310	T-.437 B-7.937				
42251	A-21	White Trucks, Purolator Hsg.	A	16.000	14.185	9.515				
42252	A-21	Purolator Housing Applications	A	12.000	10.310	7.937				

TECHNICAL DATA

* AF=Air Filter w/Fin; AP=Air Filter Panel; RSOA=Radial Seal Outer Air
⁸ Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
42253	A-26	IHC Trucks, Ag-Chem, Other (Outer used w/42254)	A	16.500	10.410	T-CLOSED B-6.035				
42253FR	A-26	Flame Retardant Version of 42253	A	16.500	10.410	T-CLOSED B-6.035				
42254	A-22	(Inner used w/42253 outer)	A	13.875	5.955	T-.656 B-4.835				
42255	A-56	Caterpillar 3208 Generator Sets	A	9.500	10.401	T-CLOSED B-6.035				
42257	A-22	(Inner used w/42256) (Obsolete)	A	19.375	5.260	T-.656 B-4.125				
42258	A-22	I/R, Hitachi, Komatsu, Terex (Outer used w/42259)	A	24.500	T-14.686 B-14.687	T-.937 B-10.314				
42259	A-22	(Inner used w/42258 or 46853)	A	22.500	10.245	T-.906 B-9.13				
42260	A-23	Autocar, Cerlist Diesel, Dodge Trucks, IHC Trucks	A	10.000	9.000	T-.437 B-6.625				
42261	A-48	Mercedes Benz E Class (93-95), Jaguar (03-13)	AP	2.240	6.720	11.880				
42263	A-22	Case, Hough, IHC, Komatsu (Outer used w/42264)	A	18.500	9.218	T-.656 B-5.835				
42264	A-22	(Inner used w/42263)	A	16.375	5.750	T-.660 B-4.600				
42266	A-40	IHC Farm Tractors (Outer used w/42267)	A	12.875	T-6.937 B-6.625	T-CLOSED B-4.218				
42267	A-22	(Inner used w/42266)	A	12.375	4.121	T-.437 B-3.003	Packed	.750	.375	.031
42268	A-40	IHC 815, 856, 2856 Tractors (Outer used w/42269)	A	15.375	T-6.937 B-6.625	T-CLOSED B-4.218				
42269	A-22	(Inner used w/42268)	A	14.562	4.121	T-.437 B-3.003				
42271	A-1	Ford Trucks and Buses	A	7.156	9.156	6.750				
42272	A-48	Range Rover 95-96	AP	2.342	8.976	10.000				
42273	A-21	Ford Trucks and Buses	A	5.120	12.200	9.450				
42274	A-57	Divco Trucks, Hyster Fork Lifts, Leroi	A	3.980	5.950	T-.250 B-3.556	Packed	5.124	3.562	.187
42275	A-5	Gould-National CFK25 Hsg., David Brown Tractors 780, 880	A	4.437	7.125	4.937				
42276	A-8	Various HD Equipment (Outer used w/42456 or 46263)	AF	10.375	T-4.085 B-5.147	T-.687 B-2.475				
42276FR	A-8	Flame Retardant Version Of 42276	AF	10.375	T-4.085 B-5.147	T-.687 B-2.475				
42278	A-8	Case 870, Davey Compressors, John Deere 4000, 4020 Tractors	AF	13.250	T-6.375 B-5.250	T-.656 B-2.620				
42284	A-8	Dresser, IHC, Komatsu Equipment	AF	16.377	T-9.940 B-7.937	T-.531 B-3.567				
42285	A-48	Land Rover (94-99)	AP	2.309	7.972	10.374				
42286	A-1	Ford Medium Duty Trucks (74-92)	A	5.500	12.609	9.796				
42287	A-1	Ford Medium Duty Trucks (74-90)	A	5.500	12.600	8.350				
42288	A-48	Hyundai Scoupe (93-95)	AP	1.732	6.142	9.173				
42289	A-5	Audi (80-87)(Emission)	A	2.600	2.950	1.485				
42290	A-23	Euclid, Cat, I-R, Terex	A	16.000	13.835	T-.525 B-9.475				
42291	A-5	Briggs&Stratton Engines	A	3.812	4.250	2.000				
42292	A-5	Briggs/Stratton 2, 3, 4 & 5 H.P. Engines	A	2.812	2.750	1.266				
42295	A-48	Audi, VW (97-05), BMW (93-06)	AP	2.272	8.366	10.000				
42296	A-1	Kohler Engines, Lawn&Garden Tractors	A	1.812	7.000	5.570				
42297	A-1	Various Lawn&Garden Equipment w/Kohler Engines	A	2.540	7.000	5.570				
42298	A-1	Kohler Engines	A	4.080	6.070	4.679				
42299	A-1	Kohler and Onan Engines	A	3.080	6.070	4.679				
42300	A-2	Ford Trucks (65-67) w/V8 352 Eng.	A	2.660	9.437	6.750				
42301	A-5	Bolen Lawn/Garden Tractors, Wisconsin Engines.	A	3.910	4.200	2.000				
42302	A-5	Bolen Lawn/Garden Tractors, Wisconsin Engines.	A	4.166	3.562	2.062				
42303	A-32	Land Rover (87-97)	A	6.580	5.740	3.460				

* AF=Air Filter w/Fin; AP=Air Filter Panel

° Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
42304	A-2	Chevrolet, GMC Trucks (66-72)	A	3.050	10.000	7.540				
42305	A-5	Lauson/Tecumseh, Engines	A	5.000	4.393	3.002				
42306	A-111	Toyota Prius (00-04)	AP	1.060	6.625	7.250				
42312	A-112	Atlas-Copco, Case, Volvo (Outer used w/42313)	RSOA	19.250	14.150	T-CLOSED B-9.000				
42313	A-112	Inner used w/42312 Outer	RSIA	19.100	T-8.625 B-8.890	T-CLOSED B-6.875				
42314	A-21	Saab Sonnet (67-74)	A	4.045	3.864	2.355				
42316	A-20	Caterpillar Starting Engines - Air Filter Breather	A	3.812	3.090	1.500				
42319	A-4	Volvo (81-87)	A	4.409	T-9.542 B-6.681	T-6.765 B-4.016				
42321	A-8	Allis-Chalmers, Case, Cat, I-R, Massey-Ferguson, John Deere, Kobelco, Other (Outer used w/46522 or 46514 or 42679 or 42924) - if outer filter needed w/o the fins, use 49420	AF	15.375	T-6.093 B-7.812	T-.660 B-3.505				
42322	A-164	Honda Small Engines (For taller version, use 42323)	A	2.028	T-3.996 B-2.894	T-.250 B-1.300				
42323	A-164	Honda Small Engines (For shorter version, use 42322)	A	2.736	T-3.996 B-2.894	T-.250 B-1.300				
42324	A-1	Mazda (71-79)	A	2.750	9.875	7.625				
42326	A-159	Donaldson ECB series - various HD Marine applications; For High Moisture Environments	A	12.380	8.500	T-CLOSED B-4.000				
42329	A-48	Various Jeep Models (02-10)	AP	1.60	8.28	11.450				
42330	A-112	Case, Cat, Gradall, Komatsu, Volvo, Other (Outer used w/42331 or 42816)	RSOA	15.500	7.335	T-CLOSED B-4.169				
42331	A-144	Case, Cat, Gradall, Other - Inner (used w/ 42330 outer)	RSIA	15.000	T-4.200 B-3.955	T-CLOSED B-3.425				
42332	A-97	Toyota Corolla GTS (85-86)	ARP	2.500	T-7.850 B-7.150					
42333	A-97	Toyota Cars + Trucks (88-97)	ARP	2.840	T-7.750 B-8.700					
42334	A-52	Caterpillar (Outer used w/42335 or 42336) Radial Seal Version 46479)	A	13.500	11.095	T-CLOSED B-6.725				
42335	A-12	Inner used w/42334 - Radial Seal Version 46478)	A	13.100	T-6.300 B-9.060	T-CLOSED B-4.625				
42336	A-13	(Inner used w/42334 on D-7F, D-8H, D-9 Caterpillar, Radial Seal Version 46478)	A	13.100	T-6.308 B-9.058	T-CLOSED B-4.639				
42337	A-17	Caterpillar D8 Crawler, 583 Pipelayer (Outer used with 42340)	A	14.500	T-14.437 B-12.780	T-.937 B-8.365				
42338	A-8	Caterpillar Forklifts	A	11.922	T-6.085 B-7.812	T-.750 B-3.500				
42340	A-13	Inner used with 42337	A	13.562	T-10.187 B-7.625	T-6.000 B-CLOSED				
42341	A-48	Ford T-Bird (02-05), Freestar (04-07), Lincoln LS, Jaguar (00-06), Mercury Monterey (04-07)	AP	1.791	6.520	12.268				
42342	A-22	Caterpillar Equip (Inner used w/ 42104 or 42126).	A	10.250	3.365	T-.656 B-2.250	Packed	1.250	.546	.125
42345	A-5	Mazda 626 Diesel (85)	A	7.087	6.850	3.898				
42347	A-96	Chev Spectrum (85-89), Isuzu I Mark (85-89)	ARP	1.771	T-8.779 B-9.429					
42349	A-1	Ford Courier (77-82), Mazda (71-93), Honda (79-83)	A	2.234	11.125	8.500				
42351	A-48	Freightliner, Dodge Sprinter Vans w/ Mercedes MBE600 2.7L Diesel Engine	AP	2.750	11.000	12.375				
42353	A-127	HD Gas Turbine Equipment	A	26.780	T-12.625 B-15.875	T-8.250 B-11.500				
42354	A-50	John Deere 750C, 850C Dozer	AP	2.310	6.890	14.760				
42355	A-8	Allis Chalmers, Case, Trojan Equipment	AF	14.281	T-7.812 B-6.090	T-.750 B-3.500				
42358	A-20	Stationary Pumps	A	8.875	13.812	11.265				
42359	A-1	Briggs&Stratton Engines	A	2.265	7.078	5.525				
42360	A-48	Briggs&Stratton 3,4,5 HP Series Engines	AP	.800	4.450	6.300				
42361	A-4	Tecumseh/Lauson Engines	A	2.320	T-4.455 B-2.720	T-3.210 B-1.480				
42362	A-5	Onan N60V Small Engs.	A	3.150	3.850	2.750				

TECHNICAL DATA

* AF=Air Filter w/Fin; AP=Air Filter Panel; ARP=Air Filter Round Panel; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
42363	A-1	John Deere Lawn Tractors, Onan Engines, Toro	A	3.900	8.050	6.400				
42364	A-48	Mercedes (92-02) (2 per vehicle - 1 filter per box)	AP	2.303	3.937	13.307				
42365	A-48	Mercedes (92-00) (Some applications take 2 per vehicle - 1 filter per box)	AP	1.732	6.161	13.091				
42366	A-32	Mercedes Benz 190 w/2.3L Eng. (91-93)	A	2.224	15.984	12.716				
42367	A-48	Mercedes E Class 3.0L Diesel (94-95), 300D (92-93)	AP	2.362	8.661	8.976				
42368	A-48	Mercedes S Class 3.2L (95-99)	AP	2.220	6.050	14.400				
42369	A-143	Mitsubishi Montero (01-06)	AP	1.889	9.291	14.251				
42370	A-5	Citroen, Clark, Ingersoll-Rand Compressors, Thermo-King, Yale/Towne (Flame Retardant Media)	A	7.093	4.393	3.002				
42371	A-5	Baker, Buffalo-Springfield, Onan	A	3.400	4.393	3.002				
42372	A-1	IHC Cub Cadet, Kohler Engines	A	1.560	4.393	3.002				
42373	A-1	IHC, John Deere, Kohler Engines, Wheel Horse.	A	1.950	6.070	4.679				
42374	A-1	John Deere, Jacobsen, Kohler Engines, Lawson Engines, Massey-Ferguson	A	2.340	4.393	3.002				
42375	A-1	Harley-Davidson, Simca (63-69), Worthington (Flame Retardant)	A	1.950	6.070	4.679				
42376	A-23	Allis-Chalmers Power Units, Cummins Engines, Euclid	A	10.000	12.093	T-.525 B-7.724				
42377	A-17	Komatsu Equipment (Outer used w/42423)	A	18.617	T-14.800 B-11.978	T-.900 B-7.682				
42378	A-52	Caterpillar Equipment (Outer used w/ 42379 or 46359)	A	10.500	8.407	T-CLOSED B-4.040				
42379	A-12	Inner used with 42378	A	10.110	T-3.812 B-6.688	T-CLOSED B-2.625				
42380	A-18	Euclid, Komatsu, Terex (Outer used w/42381)	A	19.500	17.650	T-.900 B-12.200	Packed	1.500	.843	.208
42381	A-22	(Inner used w/42380)	A	18.125	11.900	T-.900 B-10.200				
42382	A-22	Various John Deere (Outer used w/42383)	A	19.718	9.048	T-.406 B-5.389	Packed	.875	.312	.155
42383	A-22	(Inner used w/42382 or 46749)	A	16.187	5.200	T-.650 B-4.250	Packed	1.250	.546	.125
42384	A-112	Dodge & Plymouth Neon, SX (00-05)	RSOA	6.594	5.654	T-CLOSED B-2.520				
42385	A-48	Ford Taurus, Mercury Sable (00-06)	AP	2.334	7.105	10.016				
42386	A-22	Agrifur, Fiat, Massey Ferguson & New Holland Tractors (Inner used w/42805)	A	12.187	4.578	T-.708 B-3.468				
42387	A-27	GMC Trucks w/Detroit 4-53 Engine	A	14.921	8.850	T-CLOSED B-5.450				
42389	A-48	Dodge Caravan, Town & Country (01-10), Sebring, Avenger (07-10), VW Routan (09-11)	AP	1.674	8.444	9.330				
42392	A-58	Komatsu Crawler Tractors (Outer used w/42395)	A	12.968	8.250	T-.375 B-4.187				
42395	A-22	(Inner used w/42392)	A	11.750	4.100	T-.625 B-2.910				
42396	A-58	Komatsu Crawler Tractors (Outer used w/42397)	A	12.435	7.060	T-.405 B-3.940				
42397	A-22	(Inner used w/42396)	A	11.470	3.780	T-.625 B-2.440				
42398	A-22	Komatsu Crawler Tractors (Outer used w/42399)	A	15.500	9.220	T-.665 B-4.850				
42399	A-14	(Inner used w/42398)	A	14.813	T-4.595 B-5.610	T-.665 B-3.550				
42402	A-125	Volkswagen Eurovan (93-96)	A	9.370	6.417	3.661				
42403	A-129	Caterpillar Trucks (Cab Panel)	AP	.875	12.000	13.250				
42404	A-19	Kohler Power Units	A	5.905	8.380	4.100				
42405	A-4	John Deere Mowers, Small Tractors	A	2.560	T-7.870 B-4.670	T-5.860 B-2.660				
42406	A-5	Ingersol Rand Compressors - Various Polaris ATV's	A	4.710	4.345	3.002				
42408	A-4	John Deere Lawn Tractor LX178	A	2.560	T-6.636 B-3.536	T-4.790 B-1.690				
42412	A-48	Various Volvo Models (01-09)	AP	2.260	8.500	13.000				

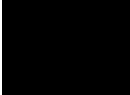
* AP=Air Filter Panel; RSOA=Radial Seal Outer Air

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
42415	A-32	Mercedes 280 Series (77-81)	A	3.150	12.323	8.543				
42416	A-21	Mitsubishi Montero Truck (85-87)	A	3.400	9.291	6.693				
42417	A-48	Briggs&Stratton Engines	AP	.828	4.625	4.625				
42418	A-48	Various Tecumseh Engines	AP	.750	2.185	7.125				
42419	A-5	Various Tecumseh Engines	A	2.840	1.760	.825				
42420	A-48	VariousBriggs&Stratton Engines	AP	.860	4.450	5.200				
42421	A-152	Various Tecumseh Engines	A	3.330	2.030	T-CLOSED B-1.040				
42422	A-22	Various HD Trks + Equipment (Outer used w/42423)	A	18.500	12.088	T-.660 B-7.729				
42423	A-14	(Inner used w/42422 or 42377)	A	17.667	T-7.287 B-8.218	T-.660 B-6.182				
42424	A-33	Various Briggs & Stratton	A	2.750	2.750	T-.156 B-1.250				
42425	A-146	Cub Cadet, Kolher, John Deere, New Holland, Toro	A	2.875	T-4.562 B-3.750	T-3.300 B-2.580				
42426	A-48	Various Tecumseh Engines	AP	.860	3.025	3.025				
42427	A-33	Tecumseh Engines	A	3.440	2.850	T-.255 B-1.070				
42428	A-4	Briggs & Stratton	A	2.150	T-5.180 B-3.180	T-4.180 B-2.150				
42429	A-151	Briggs & Stratton 12 HP Vertical Engines	A	2.325	T-8.010 B-2.005	T-6.750 B-.805				
42430	A-35	John Deere, Toro Mowers	A	2.730	T-7.000 B-2.250	T-5.750 B-.850				
42431	A-151	Briggs & Stratton 10 & 11 HP Engines	A	2.730	T-8.640 B-2.620	T-7.250 B-1.310				
42432	A-151	Tecumseh 15 HP Vertical Engine	A	3.110	T-7.150 B-2.800	T-6.130 B-1.670				
42433	A-35	John Deere, Toro Tractors w/ Kawasaki Engines	A	3.060	T-6.170 B-2.870	T-4.720 B-1.410				
42434	A-48	Briggs & Stratton Vanguard 8 + 9 HP Engines	AP	1.500	3.500	7.000				
42435	A-151	Briggs & Stratton 12.5 Vertical, 13 & 15 HP Vanguard Engines	A	2.820	T-7.150 B-2.847	T-6.175 B-1.665				
42436	A-151	Briggs & Stratton Engs.	A	2.190	T-7.150 B-2.800	T-6.160 B-1.700				
42437	A-151	Briggs & Stratton Vanguard 14 HP	A	3.000	T-6.805 B-3.050	T-4.850 B-1.075				
42438	A-152	Tecumseh TVS75, TVS90, TVS105	A	6.850	2.030	T-CLOSED B-1.040				
42439	A-151	Kawasaki 17 HP Vertical OHV Engines & Mules	A	3.120	T-7.500 B-3.310	T-6.040 B-1.860				
42440	A-18	Cat, Hitachi, Komatsu, K.W. Dart, Wabco (Outer used w/42441)	A	23.500	17.625	T-.875 B-11.093				
42441	A-22	(Inner used w/42440)	A	22.187	10.875	T-.906 B-8.160				
42442	A-48	Briggs & Stratton Vanguard 12, 5, 14, 16	AP	.625	6.270	7.070				
42443	A-164	Honda Small Engines, Generators	A	3.622	T-4.409 B-3.780	T-1.634 B-1.485				
42444	A-1	Kohler Engines for Lawn Tractors	A	3.000	6.960	5.600				
42445	A-48	Tecumseh Engines	AP	1.240	3.440	3.860				
42446	A-48	Porsche 911 (89-96)	AP	2.087	9.646	9.843				
42447	A-50	Caterpillar Equipment - Cab Air Filter	AP	2.437	9.000	9.000				
42448	A-50	Caterpillar Equipment	AP	2.437	9.562	12.250				
42451	A-8	Allis-Chalmers, Fiat-Allis Equip	AF	13.375	T-9.234 B-11.531	T-.660 B-4.894				
42452	A-22	Ford Trucks W-9000 Series (1975-On).	A	15.500	T-13.884 B-13.845	T-.656 B-7.455				
42453	A-5	Leroi Model 100 Compressor	A	4.750	4.370	3.000				
42454	A-22	John Deere Lawn Tractor (Outer used w/46437)	A	7.525	3.250	T-.660 B-2.250				



TECHNICAL DATA

* AF=Air Filter w/Fin; AP=Air Filter Panel
 § Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
42455	A-113	Kenworth & Peterbilt Trucks w/Caterpillar Eng.	RSA	15.371	T-10.961 B-10.949	T-CLOSED B-6.822				
42456	A-22	John Deere Tractors (Inner used w/42276 or 46368)	A	9.125	T-2.375 B-2.500	T-.625 B-2.000				
42457	A-50	Caterpillar Loader 416 Cab Air	AP	3.950	3.940	19.690				
42458	A-125	Jaguar with 4.0L (93-95)	A	8.800	5.748	3.189				
42459	A-27	Flxible and GMC Buses	A	17.000	12.727	T-CLOSED B-8.338	15586	15.000	13.000	.250
42461	A-48	Jaguar XJR, XJ8, XJ8L, XK8, Vanden Plas (98-06)	AP	1.929	7.244	12.130				
42462	A-48	Mercedes E Class (96-02)	AP	2.264	7.480	13.209				
42463	A-48	Audi (97-03)	AP	2.283	10.295	11.299				
42464	A-48	Audi Quattro V8 (90-94)	AP	1.957	5.886	15.000				
42465	A-27	General Motors Trucks	A	24.000	13.843	T-.187 B-7.437				
42466	A-5	Peugeot 505 (87-91)	A	8.031	4.646	3.465				
42468	A-263	Various Mercedes (07-13) - 2 per carton	AP	1.395	8.255	9.842				
42469	A-30	Schroeder Hydraulic Tank Breather	B	3.212	3.690	1 1/8-16	None			
42470	A-5	Westinghouse, N.Y. Air Brake (RR) (Obsolete)	A	2.650	2.177	.968				
42471	A-22	Agco, Allis-Chalmers, John Deere, White Tractors (Outer used w/42947) - Flame retardant version is 42471FR	A	12.500	9.218	T-.660 B-4.894				
42471FR	A-22	Flame retardant version of 42471 (Outer used w/42947)	A	12.500	9.218	T-.660 B-4.894				
42472	A-48	Audi (00-07), Volkswagen (98-12)	AP	1.969	7.283	14.050				
42473	A-1	Volvo 41 Series Marine	A	3.935	7.965	3.850				
42475	A-161	Porsche Boxster (97-05)	AP	1.272	7.008	9.528				
42476	A-111	Lexus, Toyota w/ 4.7L (98-10)	AP	2.047	9.035	12.205				
42477	A-8	JCB Equipment (Outer used w/42478)	AF	11.562	T-8.210 B-7.804	T-.531 B-3.421				
42478	A-14	(Inner used w/42477)	A	10.150	T-3.355 B-4.180	T-.625 B-2.920				
42479	A-111	Toyota Sequoia, Tundra Trks (01-08)	AP	2.047	9.134	12.244				
42481	A-22	Claas, John Deere, Iveco, Liebherr, M.A.N. Trucks, New Holland (Outer used w/46822)	A	24.250	12.910	T-.410 B-8.500				
42484	A-48	Ford/Lincoln/Mercury SUV Models (02-10)	AP	2.330	7.125	11.500				
42485	A-48	Volkswagen Eurovan 2.8L (97-03)	AP	2.283	8.583	10.984				
42486	A-111	Mazda Miata (99-05)	AP	1.614	6.496	10.157				
42487	A-48	Cadillac (05-13), Chev/GM Trucks + SUVs (99-13) (Standard Version)	AP	2.365	9.720	12.250				
42488	A-48	Cadillac (02-13), Chev/GMC Trucks + SUVs (99-13) (Heavy Duty)	AP	2.400	9.700	12.200				
42489	A-8	Case, Gehl, Ford, I-R, John Deere, New Holland (Outer used w/46517)	AF	14.250	T-4.093 B-5.147	T-.660 B-2.475				
42490	A-23	Allis-Chalmers, Cat, Euclid, Hough, IHC, Mack, Terex	A	14.000	13.830	T-.500 B-9.468				
42491	A-26	IHC Trucks (Outer used w/42651)	A	18.500	12.093	T-CLOSED B-7.729				
42492	A-8	Komatsu Excavators	A	7.750	T-4.093 B-5.045	T-.660 B-2.218				
42493	A-18	Sullair Air Compressors (Outer used w/42494)	A	20.500	12.088	T-.906 B-7.729	Packed	1.500	.843	.208
42494	A-22	(Inner used w/42493 or 46774)	A	18.500	7.650	T-.875 B-6.040				
42495	A-22	Agco, Allis-Chalmers, Ford, Steiger (Outer used w/42496)	A	18.500	10.401	T-.875 B-6.035				
42496	A-22	(Inner used w/42495 or 42498)	A	16.377	5.955	T-.656 B-4.835				
42497	A-27	GMC Astro Trucks (1977-On)	A	28.874	8.550	T-CLOSED B-5.450	15747	10.750	8.875	.250
42498	A-18	Case 2870 Tractors (Outer used w/42496)	A	18.500	10.401	T-.875 B-6.035	Packed	1.187	.546	.208
42499	A-22	IHC 2706, 2806 Wheel Tractors	A	16.281	6.085	T-.650 B-3.505				

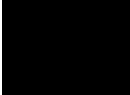
* AF=Air Filter w/Fin; AP=Air Filter Panel; B=Breather Filter; RSA=Radial Seal Air Filter

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
42500	A-74	Ford HD Trucks (Element w/Reusable Lid)	A	8.125	T-12.000 B-10.218	T-.500 B-4.812				
42502	A-8	IHC and Oliver Wheel Tractors	AF	14.251	T-5.249 B-6.375	T-.656 B-2.626				
42503	A-8	John Deere Equipment	AF	10.281	T-6.085 B-7.870	T-.750 B-3.505				
42504	A-59	Allis-Chalmers, Elgin, IHC, Wayne	A	12.599	4.477	T-CLOSED B-2.237				
42505	A-59	Allis-Chalmers, Ford, IHC, Massey-Ferguson Tractors	A	10.812	T-4.477 B-4.458	T-CLOSED B-2.237				
42507	A-27	Brockway Trucks w/Cummins Eng.	A	18.000	12.727	T-CLOSED B-8.338				
42508	A-27	Diamond Reo Trucks	A	21.000	12.727	T-CLOSED B-8.338				
42509	A-27	Diamond Reo Trucks	A	17.875	10.401	T-CLOSED B-6.035	15590	12.750	10.500	.250
42510	A-66	Ford, IHC, Mack Trucks w/Caterpillar Engines	A	10.500	10.406	T-CLOSED B-6.030				
42511	A-8	GMC, Mack, White Trucks	AF	8.377	T-11.062 B-13.703	T-.531 B-6.725				
42512	A-18	Allis-Chalmers HD-16 (Outer used w/42513)	A	23.500	T-12.875 B-12.093	T-.875 B-7.718				
42513	A-22	(Inner used w/42512)	A	21.500	7.650	T-.875 B-6.040				
42514	A-67	IHC Trucks w/Detroit Diesel Engines (Obsolete)	A	7.500	T-16.187 B-13.845	T-CLOSED B-7.455				
42515	A-8	IHC 1066, 1466 Tractors (Outer used w/ 42516)	AF	15.375	T-9.940 B-7.940	T-CLOSED B-5.296				
42516	A-22	Inner used with 42515 or 42517	A	13.250	5.204	T-.660 B-4.077				
42517	A-8	IHC Wheel Tractors (Outer used w/ 42516)	AF	14.375	T-7.937 B-9.940	T-CLOSED B-5.312				
42518	A-8	Various HD Equip (Outer used w/42519)	AF	15.281	T-5.249 B-6.375	T-.656 B-3.250				
42519	A-15	(Inner used w/42518)	A	14.070	T-2.960 B-3.625	T-.656 B-2.400				
42520	A-22	Various HD Trks + Equip (Outer used w/42521)	A	13.500	9.130	T-.900 B-5.770				
42521	A-22	Inner used w/42520	A	12.500	5.700	T-.656 B-4.575				
42522	A-8	Allis-Chalmers, Cat, Ford-New Holland, Ingersoll-Rand, Iveco, Other Equip (Outer used w/46560)	AF	16.281	T-8.781 B-6.875	T-.671 B-4.203	Packed	1.250	.546	.125
42523	A-22	Massey-Ferguson Tractors, Iveco (Outer used w/42537)	A	14.375	5.312	T-.312 B-3.406				
42524	A-48	Ford Focus (00-04)	AP	1.835	5.787	10.544				
42525	A-165	Various Mercedes Benz (98-09)	AP	2.264	8.976	11.575				
42526	A-69	Versatile 700 Tractor (Outer used w/42529)	A	20.375	T-11.562 B-9.625	T-CLOSED B-6.187				
42527	A-14	(Inner used w/42528)	A	18.620	T-7.047 B-7.404	T-.500 B-5.829	Packed	1.187	.343	.125
42528	A-40	Bros. Paving Equip, Versatile 850 Tractor (Outer used w/42527)	A	20.625	T-14.000 B-12.093	T-CLOSED B-7.718				
42529	A-15	(Inner used w/42526, 42530 or 42656)	A	18.283	6.124	T-.468 B-4.739				
42530	A-69	New Holland, Versatile (Outer used w/42529)	A	20.355	T-11.630 B-10.557	T-CLOSED B-6.890				
42531	A-59	IHC 544, 664, 2544 Tractors	A	10.842	5.335	T-CLOSED B-2.220				
42532	A-18	Ford Tractors (Outer used w/46333 or 42539)	A	11.625	T-5.875 B-5.308	T-.460 B-3.096				
42533	A-18	Ford, New Holland Tractors (Outer used w/46333 or 46534)	A	15.062	T-5.875 B-5.308	T-.460 B-3.096				
42534	A-22	Dresser, IHC Dozers, Komatsu	A	10.377	12.088	T-.531 B-7.729				



TECHNICAL DATA

* AF=Air Filter w/Fin; AP=Air Filter Panel
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

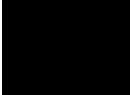
Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
42535	A-8	John Deere, Oliver, White Tractors (Outer used w/42947)	AF	12.500	T-9.940 B-8.156	T-.665 B-5.295				
42536	A-59	M-F 1080 Tractor (Outer used w/42537)	A	14.366	5.350	T-CLOSED B-3.435				
42537	A-16	(Inner used w/42523 or 42536)	A	13.437	3.350	T-.281 B-2.290				
42538	A-22	Massey-Ferguson Tractors, Towmotor (Outer used w/42539)	A	11.030	5.340	T-.406 B-2.200				
42539	A-15	(Inner used w/42538, 42550, 46370, or 42532)	A	10.302	T-2.125 B-2.390	T-.375 B-1.894				
42540	A-8	Various John Deere (Outer used w/42541 or 46307)	AF	10.281	T-8.781 B-6.875	T-.671 B-4.203				
42541	A-22	(Inner used w/ 42540)	A	7.375	T-4.093 B-4.085	T-.660 B-2.475				
42542	A-22	Hitachi Mining Equipment (Outer used w/ 42543 Flame Retardant Media)	A	13.500	9.218	T-.660 B-4.894	Packed	1.250	.546	.125
42543	A-14	(Inner used w/42542 Flame Retardant Media)	A	13.070	T-4.579 B-5.704	T-.708 B-3.468	Packed	1.250	.546	.125
42544	A-22	Sullair 375 Comp.	A	12.000	9.218	T-.675 B-5.320				
42546	A-18	Bomag, I-R, Joy, Leroi, Iveco, Sullair (Outer used w/42547)	A	24.375	T-13.125 B-12.687	T-.937 B-8.375				
42547	A-22	(Inner used w/42546)	A	22.375	8.265	T-.906 B-7.110				
42548	A-9	Minneapolis-Moline, Oliver Tractors (Outer used w/46371)	AF	13.281	T-7.804 B-6.085	T-.750 B-3.505				
42549	A-70	Transmission Breather on Dodge, IHC, Reo, White Trucks	B	2.964	2.718	1.062	15137	3.735	3.235	.062
42550	A-69	Ford, M-F Tractors (Outer used w/42539)	A	10.718	T-4.843 B-4.458	T-CLOSED B-2.237				
42551	A-48	Hyundai (01-08), Kia Spectra (04-09)	AP	1.614	6.850	9.960				
42552	A-39	Ford, Versatile Tractors (Outer used w/42553)	A	14.410	T-9.810 B-7.910	T-.500 B-4.610				
42553	A-73	(Inner used w/42552)	A	13.531	4.531	T-CLOSED B-3.500				
42554	A-50	Case, IHC, New Holland, Versatile Tractors - Cabin Air	AP	2.230	6.000	38.000				
42555	A-49	Allis-Chalmers, Case Tractors Cab Air (Panel Type)	AP	2.230	7.500	28.000				
42556	A-49	IHC Combines Cab Air (Panel Type)	AP	2.230	6.750	32.000				
42557	A-49	Case, Versatile Tractors Cab Air (Panel Type)	AP	2.230	7.000	23.500				
42558	A-49	Massey-Ferguson - Cab Air (Panel Type)	AP	2.230	9.250	29.000				
42559	A-49	John Deere Combines Cab Air (Panel Type)	AP	2.230	6.125	37.000				
42560	A-50	John Deere - Cab Air (Panel Type)	AP	2.605	7.500	28.000				
42561	A-49	Ag-Chem, Hesston, IHC - Cab Air (Panel Type)	AP	2.230	5.000	37.875				
42562	A-49	Cab Air (Panel Type) for Various Off Highway Equipment	AP	2.230	7.500	20.000				
42563	A-50	Ford Tractors - Cab Air (Panel Type)	AP	2.605	6.000	17.875				
42564	A-188	Honda Civic (01-05)	AP	1.712	7.637	12.283				
42565	A-55	Allis-Chalmers, Caterpillar	A	10.500	11.660	T-6.187 B-8.962	15259 Packed Packed (3)	12.180 5 .562	11.625 4.25 .312	.281 .5 .065
42566	A-59	Ford 9000, 9200 Tractors	A	14.267	7.057	T-CLOSED B-4.599				
42567	A-73	(Inner used w/42566 or 42009) (Obsolete)	A	13.937	3.531	T-.500 B-2.500				
42568	A-49	Allis-Chalmers Tractors Cab Air (Panel Type)	AP	2.230	6.750	28.000				
42569	A-49	Massey-Ferguson Tractors Cab Air (Panel Type)	AP	2.230	6.500	33.000				
42570	A-49	White Tractors Cab Air (Panel Type)	AP	2.230	7.000	47.000				
42571	A-49	IHC Tractors Cab Air (Panel Type)	AP	2.230	7.500	28.000				
42572	A-48	Ford Lightning w/ 5.4L (99-04), Ford GT (05-06)	AP	1.860	7.625	12.875				
42573	A-45	Allis-Chalmers 7000, 7030 Cab Air (Panel Type)	AP	2.230	7.000	26.000				
42574	A-22	Case and White Cab Air(Round Type)	A	4.250	13.835	T-.525 B-9.475				
42576	A-22	Tog-L-Loc Version of 42239.	A	22.500	11.900	T-.900 B-10.200				

* AF=Air Filter w/Fin; AP=Air Filter Panel; B=Breather Filter

° Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions				
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.	
42577	A-42	Farr Tube Type (2x2) (4 Tubes)	AFT	8.188							
42578	A-42	Farr Tube Type (2x3) (6 Tubes)	AFT	8.188							
42579	A-42	Farr Tube Type (3x3) (9 Tubes)	AFT	8.188							
42580	A-42	Farr Tube Type (3x4) (12 Tubes)	AFT	8.188							
42581	A-42	Farr Tube Type (2x6) (12 Tubes)	AFT	8.188							
42582	A-42	Farr Tube Type (4x4) (16 Tubes)	AFT	8.188							
42583	A-42	Farr Tube Type (2x8) (16 Tubes)	AFT	8.188							
42584	A-42	Farr Tube Type (3x6) (18 Tubes)	AFT	8.188							
42585	A-42	Farr Tube Type (4x5) (20 Tubes)	AFT	8.188							
42586	A-42	Farr Tube Type (4x6) (24 Tubes)	AFT	8.188							
42587	A-42	Farr Tube Type (4x8) (32 Tubes)	AFT	8.188							
42588	A-42	Farr Tube Type (5x8) (40 Tubes)	AFT	8.188							
42589	A-42	Farr Tube Type (6x8) (48 Tubes)	AFT	8.188							
42590	A-42	Farr Tube Type (8x8) (64 Tubes)	AFT	8.188							
42591	A-42	Farr Tube Type (3x8) (24 Tubes)	AFT	8.188							
42592	A-42	Farr Tube Type (6x6) (36 Tubes)	AFT	8.188							
42593	A-37	Mack Trucks Cab Air (Panel Type)	AP	2.605	15.000	15.000					
42594	A-49	Tractors with Hinson Cab Air (Panel Type)	AP	2.230	4.000	33.000					
42595	A-37	Atlas-Copco, Caterpillar Engines, Komatsu (Panel Type)	AP	2.542	24.000	24.000					
42596	A-50	Tractors with Comfort & Year-A-Round Cabs (Cab Air)	AP	2.605	4.000	44.000					
42597	A-49	Tractors with Stopler Cabs Cab Air (Panel Type)	AP	2.230	7.000	28.000					
42598	A-43	Farr Panel Type with single inlet, IHC and other H.D. Trucks	AP	5.375	11.468	14.968					
42599	A-43	Farr Panel Type w/single inlet, White and Other H.D. Trucks	AP	5.375	19.000	28.500					
42600	A-38	Tractors with Femco Cabs Cab Air (Panel Type)	AP	2.230	15.000	15.000					
42601	A-49	Tractors with Femco Cabs Cab Air (Panel Air)	AP	2.230	5.000	24.000					
42602	A-22	Komatsu Crawler Tractors (Inner used w/46620)	A	13.520	5.090	T-.625 B-3.810					
42604	A-50	Massey Ferguson Tractors - Cab Panel	AP	2.187	4.000	44.938					
42605	A-111	Daewoo Lanos (99-02)	AP	1.575	7.992	8.307					
42606	A-111	Daewoo Nubria (99-02)	AP	1.555	7.972	9.606					
42607	A-111	Daewoo Leganza (99-02)	AP	1.378	8.780	10.079					
42608	A-22	Atlas Copco Compressors, DAF Trucks, ERF Trucks (Outer used w/42609)	A	19.562	9.500	T-.414 B-5.250					
42609	A-155	DAF, Demag, Fendt, Iveco, Kobelco, Liebherr, Michigan, New Holland, Renault, Volvo (Inner used w/42608)	A	18.646	T-5.120 B-5.540	T-.690 B-4.940					
42610	A-60	GMC Astro, IHC, Kenworth, Mack, White Trucks	A	29.000	T-7.531 B-10.406	T-.180 B-6.937	15510 ⁸ 15700 ⁸	11.75 11.5	11 10.5	.5 .74	
42611	A-60	Bedford, GMC Astro, Ford, IHC, White HD Trucks, Gillig Buses - Some Gillig buses require special order gasket # 15395 (with clip-on lids)	A	29.000	T-5.765 B-8.687	T-.187 B-5.218	15511	9.5	8.75	.5	
42612	A-111	Various Mazda (04-13)	AP	2.045	7.350	10.750					
42613	A-60	Chevrolet and GMC H.D. Trucks	A	15.000	T-5.750 B-8.687	T-.180 B-5.200					
42614	A-50	Massey-Ferguson Tractors Cab Air (Panel Type)	AP	2.605	6.000	47.000					
42616	A-22	IHC, Hough, M-F Tractors. (Outer used w/42617)	A	17.406	10.000	T-.375 B-5.534					
42617	A-22	(Inner used w/42616)	A	16.000	5.199	T-.650 B-4.312					
42620	A-48	Mercedes SLK230 w/ Supercharged 2.3L (98-04)	AP	1.855	8.000	9.250					
42621	A-6	MG, MGB (75-80)	A	7.930	T-3.620 B-4.570	T-2.580 B-2.090					
42622	A-22	Case Tractors (Outer used w/42623)	A	9.625	13.884	T-.656 B-7.455					
42623	A-22	(Inner used w/42622)	A	8.281	6.843	T-.660 B-4.218					
42624	A-9	Case 1170, 1175 Tractors (Outer used w/42945)	AF	13.500	T-9.930 B-7.935	T-.671 B-5.316					
42625	A-48	Jaguar X-Type (02-08)	AP	1.665	6.125	15.000					
42626	A-23	Allis-Chalmers, Euclid (Obsolete)	A	14.000	13.750	T-.500 B-11.156					



TECHNICAL DATA

* AF=Air Filter w/Fin; AFT=Air Filter Farr Tube Type; AP=Air Filter Panel
⁸ Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
42627	A-18	Dresser, IHC, John Deere, Komatsu (Outer used w/42628)	A	16.375	10.401	T-.875 B-6.035				
42628	A-22	(Inner used w/42627 or 46630)	A	14.377	5.955	T-.895 B-5.000				
42629	A-24	American La France, FWD, Kenworth, Mack Trucks.	A	7.718	17.650	T-.900 B-11.103				
42630	A-1	Aston-Martin, Case, David Brown Tractors, Lister, Petter Diesel Engines	A	3.945	8.250	5.900				
42631	A-8	Agrifol, Case, Hough, IHC, John Deere, Other (Outer used w/42632)	AF	12.281	T-5.249 B-6.375	T-.656 B-3.250				
42632	A-14	(Inner used w/42631, 42708, or 46495)	A	11.070	T-2.960 B-3.650	T-.660 B-2.400				
42633	A-17	Caterpillar (Outer used w/ 42634)	A	9.844	T-14.462 B-12.751	T-.937 B-8.338				
42634	A-13	Inner used with 42633	A	8.874	T-10.187 B-7.625	T-CLOSED B-6.000				
42635	A-20	Mack Trucks (Secondary used w/42636 primary)	A	9.000	12.687	8.375				
42636	A-27	Mack Trucks (Primary used w/42635 secondary)	A	15.000	12.750	T-CLOSED B-8.375	15586 ⁸	15	13	.25
42637	A-22	Dresser, Case, IHC, Komatsu (Outer used w/42638)	A	18.377	12.088	T-.708 B-7.729				
42638	A-22	(Inner used w/42637)	A	17.375	7.650	T-.666 B-6.040				
42641	A-49	Case	AP	2.187	8.000	16.000				
42642	A-68	IHC Scrapers, Tractors (Outer used w/42643)	A	16.375	T-9.218 B-9.234	T-CLOSED B-4.894				
42643	A-12	(Inner used w/42642)	A	15.022	T-4.578 B-7.000	3.420				
42644	A-8	IHC Tractors	AF	10.281	T-6.375 B-5.254	T-.656 B-2.621				
42646	A-8	Brockway, Diamond Reo, Freightliner, Kenworth Trucks	AF	14.500	T-13.884 B-15.812	T-.525 B-9.463				
42648	A-22	(Inner used w/42676 or 46568)	A	14.250	4.681	T-.625 B-4.057				
42649	A-20	Mack Trucks (1978-on)	A	14.874	12.780	8.285	15586	15.000	13.000	.250
42651	A-22	(Inner used w/42491)	A	16.000	7.650	T-.660 B-6.040				
42652	A-22	Case, John Deere, Oliver, White Tractors (Outer used w/42668)	A	7.250	T-13.884 B-13.845	T-.656 B-7.455				
42653	A-8	JCB Equipment	AF	12.340	T-5.240 B-6.450	T-.660 B-2.815				
42654	A-22	Allis-Chalmers, John Deere Tractors (Outer used w/42655)	A	15.156	7.343	T-.375 B-4.000	Packed	.875	.312	.155
42655	A-22	(Inner used w/42654)	A	13.250	3.870	T-.630 B-3.312				
42656	A-22	Case, Hough, John Deere, Komatsu, New Holland (Outer used w/42657 or 42529)	A	20.500	11.095	T-.625 B-6.725				
42657	A-14	(Inner used w/42656)	A	20.000	T-6.410 B-7.455	T-.656 B-5.280				
42658	A-8	Grove Cranes	AF	12.000	T-13.750 B-12.093	T-.656 B-5.700				
42659	A-22	GMC Astro Trucks (72-74)	A	18.500	13.836	T-.660 B-7.464				
42660	A-10	Freightliner, White Trucks w/Cummins Engines (Obsolete/Superseded by 49389)	AF	12.500	T-15.812 B-13.831	T-.656 B-9.480				
42661	A-27	Freightliner & Kenworth Trucks	A	26.874	12.727	T-CLOSED B-8.338	15586	15	13	.25
42663	A-9	IHC Trucks w/ Gasoline Engines	AF	5.095	T-11.562 B-9.218	T-.625 B-4.894				
42665	A-23	Allis-Chalmers, Galion, Hough, Komatsu, Wabco	A	9.015	8.412	T-.525 B-5.776				
42666	A-40	IHC Tractors w/Gasoline Engines	A	10.281	T-6.437 B-5.436	T-CLOSED B-2.850				

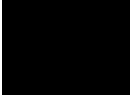
* AF=Air Filter w/Fin; AP=Air Filter Panel

⁸ Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
42667	A-18	John Deere Tractors, Saab-Scania (Outer used w/42668)	A	7.156	13.884	T-.656 B-7.455	Packed	1.250	.546	.125
42668	A-22	(Inner used w/42667 or 42652)	A	6.093	6.625	T-.656 B-4.218				
42669	A-40	IHC, Komatsu Equipment (Outer used w/46376)	A	11.281	T-6.437 B-5.437	T-CLOSED B-2.850				
42670	A-40	IHC Tractors (Outer used w/42671)	A	15.374	T-8.480 B-8.468	T-CLOSED B-4.562				
42671	A-22	(Inner used w/42670)	A	13.875	4.449	T-.531 B-3.438				
42672	A-39	Case Equip (Outer used w/42673)	A	7.750	T-12.500 B-11.630	T-.430 B-7.130				
42673	A-22	(Inner used w/42672)	A	6.062	6.730	T-.437 B-5.582				
42674	A-22	Dresser, John Deere, Komatsu (Outer used w/42675)	A	19.843	9.000	T-.437 B-4.812				
42675	A-22	(Inner used w/42674)	A	16.500	4.681	T-.625 B-4.057				
42676	A-22	John Deere, Komatsu, Saab-Scania Trks (Outer used w/42648)	A	17.215	9.048	T-.390 B-5.375				
42678	A-26	IHC, Komatsu (Outer used w/42679)	A	15.375	6.085	T-CLOSED B-3.505				
42679	A-15	(Inner used w/42321 or 42678 or 42766 or 42868 or 46557, or 46606, or 46635).	A	14.100	T-3.365 B-3.750	T-.656 B-2.968				
42680	A-56	Caterpillar (Outer used w/42681 or 46424, Radial Seal Version 46591 or 46593)	A	15.500	12.500	T-CLOSED B-9.108				
42681	A-13	(Inner used w/42680 or 46725, Radial Seal Version 46589)	A	15.062	T-8.665 B-11.375	T-CLOSED B-7.000				
42682	A-22	Dresser, IHC, Komatsu (Outer used w/42683)	A	12.500	10.406	T-.656 B-6.030				
42683	A-22	(Inner used w/42682 or 46505)	A	10.377	5.955	T-.656 B-4.835				
42684	A-22	Hough, IHC, Komatsu, Quincy (Outer used w/42685)	A	27.281	12.519	T-.718 B-7.541				
42685	A-22	(Inner used w/42684)	A	25.750	7.375	T-.781 B-6.091				
42686	A-22	IHC, Hough, Komatsu (Outer used w/42687)	A	13.377	12.088	T-.708 B-7.729				
42687	A-22	(Inner used w/42686 or 42976).	A	12.375	7.650	T-.660 B-6.040				
42688	A-22	IHC 616, 622 Cotton Pickers, 95 Hay Balers	A	14.281	6.854	T-.687 B-3.453				
42689	A-53	Case, Galion, IHC, Komatsu	A	9.000	6.843	T-CLOSED B-4.218				
42690	A-10	White Trucks w/Cummins Engines (73-74)	AF	10.500	T-15.570 B-13.840	T-.660 B-7.450				
42691	A-18	Autocar, White Trucks	A	17.375	T-12.812 B-12.687	T-.937 B-8.375				
42692	A-67	Freightliner Trucks (1973-on)	A	19.497	T-16.187 B-12.765	T-CLOSED B-7.464				
42694	A-22	IHC Medium Duty Trucks	A	8.580	12.090	T-.490 B-7.700				
42695	A-22	IHC, White H.D. Trucks	A	19.875	12.088	T-.708 B-7.729				
42696	A-20	Torit Dust Collector	A	26.500	13.812	9.468				
42697	A-1	IHC Series Trucks and Buses - A separate wrap is available (part # is 24713)	A	5.000	12.609	9.796				
42698	A-67	Allmand, IHC 4370 Transtar Trucks	A	21.375	T-16.187 B-13.845	T-CLOSED B-7.455				
42700	A-27	Chevrolet Titan and GMC Astro Trucks	A	28.874	8.875	T-CLOSED B-5.800	15747	10.750	8.875	.250
42701	A-22	Fleetguard AH-1153 HD Air Housings (Outer used w/ 49827 inner)	A	29.500	13.900	9.950				
42702	A-1	Various Heavy Duty Applications (Dust Collector)	A	6.375	8.000	5.750				



TECHNICAL DATA

* AF=Air Filter w/Fin

° Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
42704	A-79	Galion Cranes, Komatsu (Air Filter Breather)	A	2.375	2.250	.830				
42705	A-21	Excel, Toyota Forklifts, Isuzu Impulse (83-89)	A	4.156	7.230	3.022				
42706	A-22	John Deere, M-F Tractors (Outer used w/42707)	A	20.500	10.401	T-.875 B-6.035				
42707	A-22	(Inner used w/42706)	A	18.377	5.955	T-.656 B-4.835				
42708	A-26	IHC Tractors (Outer used w/42632)	A	13.375	6.085	T-CLOSED B-3.505				
42709	A-164	Honda GX160, GX240, GX270 Engines	A	3.071	T-4.016 B-3.583	T-.250 B-1.634				
42710	A-1	Volvo Loaders	A	2.310	5.500	3.250				
42711	A-5	Ingersoll Rand Compressor	A	4.850	7.870	4.120				
42712	A-39	Case Tractors (Outer used w/42713)	A	7.500	12.088	T-.708 B-7.729				
42713	A-22	(Inner used w/42712)	A	5.124	6.843	T-.660 B-4.218				
42714	A-1	Bendix-Westinghouse Air Brake Compressors (Flame Retardant Media)	A	1.380	3.080	1.360				
42716	A-5	Alfa Romeo (75-85), Bertone (84-87), Fiat (71-79), Cummins Engines (60-72) (Breather)	B	2.750	2.875	1.406				
42717	A-5	GMC Trucks (Air Filter Breather) Kohler Engines	A	2.629	3.122	1.651				
42718	A-53	GMC Trucks (60-74) (Breather)	B	4.300	2.078	T-CLOSED B-.877	Packed	1.500	.876	.187
42719	A-2	Ford Trucks - Brake System Air Filter Breather	A	1.656	3.880	2.312				
42720	A-41	Dodge Trucks (60-69) Air Brake Breather, Harley Davidson (Flame Retardant Media)	A	3.671	T-3.265 B-1.970	T-CLOSED B-1.935	Packed	1.968	1.415	.062
42721	A-41	Clark Fork Lift Trk.(Hyd. Sump Air Filter Breather)(Flame Retardant)	A	2.062	T-3.265 B-1.970	T-CLOSED B-1.935	Packed	1.968	1.415	.062
42722	A-5	Euclid, Hitachi (Air Filter Breather)(Flame Retardant Media)	A	3.670	3.062	1.600				
42723	A-1	Midland Compressor Air Filter Breather	A	1.390	4.000	1.330				
42724	A-1	Stehr-Daimler	A	1.930	5.170	3.370				
42725	A-48	Dodge Ram Series Pickup (02-13)	AP	1.884	9.400	13.780				
42726	A-166	Honda S2000 (00-06)	A	10.354	T-3.780 B-7.323	T-CLOSED B-3.425				
42727	A-143	Hyundai XG300, XG350 (01-05), Kia Amanti (04-06)	AP	2.047	7.755	9.606				
42728	A-51	Subaru (99-06)	AP	1.358	6.633	14.586				
42729	A-112	Various GM SUVs (02-09), Isuzu Ascender (03-09), Saab 9-7X (06-09), Saturn Ion Red Line (04-07)	RSOA	7.830	5.980	T-CLOSED B-3.325				
42730	A-52	Komatsu Crawler Tractors	A	16.812	8.437	T-CLOSED B-4.187				
42731	A-187	Ford Super Duty F Series Pickup, Excursion w/ 6.0L Diesel Eng. (03-07) Can remove this corrugated style element + replace w/ 24490 air filter housing	PCA	10.730	T-13.125 B-7.875	T-10.500 B-6.25				
42732	A-22	IHC 706, 2706, 806, 2806 Wheel Tractors	A	11.281	6.085	T-3.548 B-.750				
42734	A-48	EZ-GO Model GK180 Tuff Truck	AP	1.350	5.100	8.570				
42735	A-8	Fiat-Allis, Hitachi, New Holland Loaders (Outer used w/46661 or 46693)	AF	16.535	T-9.665 B-10.394	T-.660 B-6.024				
42736	A-112	Chevrolet Cobalt (05-07), Pontiac Pursuit w/ 2.0L Engine (06)	RSA	8.000	5.440	T-CLOSED B-3.200				
42737	A-211	Suzuki XL7 (04-07)	AP	1.900	9.000	10.500				
42738	A-112	John Deere Tractors (Outer used w/ 42739 inner)	RSOA	11.750	13.000	T-CLOSED B-6.750				
42739	A-144	John Deere Tractors (Inner used w/ 42738 outer)	RSIA	10.780	T-6.480 B-6.875	T-CLOSED B-5.200				
42740	A-111	Hyundai Santa Fe (01-06)	AP	1.968	7.007	10.236				
42741	A-20	Case Loaders (Outer used w/42742)	A	10.562	11.937	7.262				
42742	A-20	(Inner used w/42741)	A	9.312	6.625	4.218				
42743	A-22	Kubota Tractors (Outer used w/42744)	A	7.875	6.000	T-.625 B-4.000				
42744	A-22	(Inner used w/42743)	A	7.062	3.968	T-.625 B-3.343				

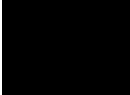
* AF=Air Filter w/Fin; AP=Air Filter Panel; B=Breather Filter; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air; PCA=Corrugated Style Air Filter

° Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
42745	A-13	Inner used with 42746	A	15.312	T-8.646 B-12.000	T-CLOSED B-7.000				
42746	A-17	Caterpillar (Outer used w/42745)	A	16.125	T-16.530 B-13.844	T-.906 B-9.463				
42747	A-22	Chicago-Pneumatic Drills, Joy A-C	A	16.500	7.935	T-.660 B-3.567	Packed	1.250	.546	.125
42748	A-21	Hino Trucks, Toyota Forklifts, Diahatsu Trucks	A	5.687	7.687	3.312				
42749	A-48	Volvo S80 (99-07)	AP	2.374	8.503	13.976				
42750	A-48	Chrysler Aspen (07-09), Dodge Durango (04-09)	AP	2.384	8.625	8.906				
42751	A-27	Kenworth and Mack Trucks	A	27.000	13.843	T-CLOSED B-7.437				
42752	A-111	Suzuki Aerio (03-07)	AP	2.140	6.500	9.500				
42753	A-27	GMC and General Trucks	A	20.000	13.884	T-CLOSED B-7.416				
42754	A-112	John Deere 624 Wheel Loader - (Outer used w/ 42755 inner)	RSOA	21.910	9.312	T-CLOSED B-5.160				
42755	A-144	Inner used w/ 42754 outer	RSIA	21.219	5.250	T-CLOSED B-3.500				
42757	A-40	Allis Chalmers, John Deere Equipment (Outer used w/42758)	A	16.499	T-10.000 B-9.021	T-CLOSED B-5.719				
42758	A-22	(Inner used w/42757 or 46690)	A	15.718	5.543	T-.531 B-4.425				
42759	A-26	IHC Trucks w/3208 Caterpillar Engines.	A	12.437	10.406	T-CLOSED B-6.070				
42760	A-23	Kenworth, Gardner Denver Compressors, Mack	A	13.000	12.093	T-.525 B-7.724				
42761	A-9	Case W24 Loaders (Outer used w/42762)	AF	9.500	T-13.656 B-11.186	T-.625 B-6.725				
42762	A-14	(Inner used w/42761)	A	9.000	T-6.410 B-7.455	T-.656 B-5.280				
42763	A-22	Underground Mining Equipment. (Flame Retardant Media)	A	13.500	6.854	T-.687 B-3.453				
42764	A-23	Euclid, Hough	A	9.015	10.406	T-.525 B-7.770				
42765	A-40	Massey-Ferguson 1100, 1130 Wheel Tractors (Outer used w/46512)	A	14.281	6.843	T-CLOSED B-4.218				
42766	A-8	Case, IHC, Komatsu Equipment (Outer used w/42679)	AF	15.287	T-6.854 B-8.718	T-.656 B-3.462	Packed	1.250	.546	.125
42768	A-9	Fiat-Allis, Hesston, Massey-Ferguson, Melroe Bobcat, Vermeer (Outer used w/42769)	AF	11.281	T-6.375 B-5.249	T-.656 B-2.626				
42769	A-15	(Inner used w/42768, 42222 or 46767)	A	9.875	T-2.543 B-3.100	T-.660 B-2.104				
42770	A-74	Ford Trucks w/V-8 361, 389 Engines (Element and Reusable Cover Lid)	A	9.321	T-12.060 B-10.000	T-.531 B-4.906				
42771	A-74	Element only for 42770	A	9.250	10.000	4.875				
42774	A-74	Ford Trucks w/Caterpillar Engines (Element and Reusable Cover Lid)	A	10.437	T-12.400 B-8.768	T-.531 B-4.860				
42775	A-74	Element only for 42774	A	10.375	8.768	4.860				
42776	A-27	Ford HD Trucks w/Cat. Engine.	A	16.000	10.406	T-CLOSED B-6.078	15766	12.75	10.75	.375
42777	A-67	Ford HD Trucks w/Detroit Engine.	A	16.500	T-14.187 B-12.088	T-CLOSED B-6.710				
42778	A-22	Ford L, LT9000 Trucks.	A	16.375	12.088	T-.708 B-7.729				
42779	A-27	Ford LN, LNT-9000 Trucks w/ Detroit Diesel	A	20.750	10.401	T-CLOSED B-6.035	15590	12.75	10.5	.25
42780	A-80	Farr Panel Type, White Trucks	AP	4.312	20.125	23.000				
42782	A-44	Farr Type, GMC, Kenworth, Mack, White Trucks (Single Inlet)	AP	5.375	19.000	19.000				
42783	A-44	Farr Type, GMC, Kenworth, Mack, White Trucks (Dual Inlet)	AP	5.375	19.000	19.000				
42784	A-27	Kenworth and Mack Trucks	A	23.000	8.850	T-CLOSED B-5.450	15747	10.750	8.875	.250
42786	A-9	Ford Trucks Converted from Oil Bath Type.	AF	5.781	T-11.562 B-9.342	T-.625 B-4.894				



TECHNICAL DATA

* AF=Air Filter w/Fin; AP=Air Filter Panel; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
42787	A-55	Allis-Chalmers, Caterpillar, Gardner-Denver, Wabco	A	10.500	T-10.500 B-10.375	T-5.187 B-7.812	15257 15258	11.24 4.625	10.687 4	.281 .5
42788	A-1	Universal Model CCF-3 1/2 Hsg.	A	6.000	9.750	7.275				
42789	A-90	Donaldson Disposable Housing	A	10.880	8.500	T-CLOSED B-2.500				
42790	A-159	Donaldson Disposable Housing	A	11.880	10.500	T-CLOSED B-4.000				
42791	A-90	Donaldson Disposable Housing	A	7.380	10.500	T-CLOSED B-4.000				
42792	A-90	Donaldson Disposable Housing	A	8.880	6.500	T-CLOSED B-2.000				
42793	A-48	Ford Escape, Mazda Tribute (01-2012), Mercury Mariner (05-2011)	AP	2.350	7.000	10.000				
42794	A-187	Various John Deere Tractors - Primary Air used with 42795 secondary	PCOA	11.210	T-13.000 B-5.125	T-11.000 B-3.680				
42795	A-216	Various Equipment - (Secondary used w/ 42794, 46937, 49665, 49675 primary)	PCIA	2.445	T-11.750 B-4.300					
42796	A-149	Mitsubishi Heavy Duty Engines, Mitsubishi Fuso Trucks	A	11.515	9.000	T-CLOSED B-4.725				
42797	A-48	Hyundai Sonata (99-05), Kia (02-07)	AP	1.575	7.480	9.370				
42798	A-112	Peterbilt Trucks	RSA	21.380	T-13.030 B-12.780	T-4.786 B-7.460				
42799	A-167	BMW Mini Cooper w/ 1.6L Standard Engine (02-06)	AP	1.338	6.614	8.582				
42800	A-167	Mini Cooper S (02-13), Mini Clubman (08-13)	AP	1.338	6.614	10.866				
42801	A-139	Ausa, Bomag, Case, Gehl, I-R, New Holland, Other Equipment - Outer used w/ 49592 Inner	RSA	11.791	4.157	T-CLOSED B-2.480				
42803	A-113	Cat, DAF, John Deere, Hino, Hitachi, Volvo (Outer used w/42804)	RSOA	20.622	11.087	T-CLOSED B-5.823				
42804	A-144	(Inner used w/42803)	RSIA	19.800	T-5.500 B-5.940	T-CLOSED B-3.994				
42805	A-25	Massey Ferguson 3650, 3630, 3140, 8120 (Outer used w/42386)	A	13.442	T-10.906 B-9.213	T-400 B-4.843				
42806	A-112	Toyota Forklift (Outer used w/42807)	RSOA	11.046	5.440	T-CLOSED B-3.200				
42807	A-139	(Inner used w/42806)	RSIA	10.620	3.320	T-CLOSED B-2.550				
42808	A-113	Mack Trucks	RSA	25.533	9.331	T-CLOSED B-5.803				
42809	A-210	Freightliner M2 Series Trks, Thomas buses (Primary used w/ 49910 - If flame retardant version required, use 49959) (foam media)	PCOA	7.890	T-13.000 B-10.000	T-CLOSED B-.750				
42811	A-5	Lister/Petter Diesel Engines	A	4.500	5.500	3.250				
42812	A-210	Freightliner M2 Trucks w/ High HP Engines (Primary used w/ 49520 - If flame retardant version required, use 49960)	PCA	8.000	T-15.000 B-11.880	T-CLOSED B-.750				
42813	A-187	Ford F-Series 650, 750 Trucks w/ 6.0L Diesel	PCA	9.125	T-11.250 B-10.125	T-7.000 B-5.625				
42814	A-22	Ingersol-Rand Compressors, MPI Dust Collectors	A	18.375	10.401	T-.875 B-6.035				
42815	A-112	Case, Hesston Equip (Outer used w/42816)	RSOA	15.625	8.180	T-CLOSED B-4.170				
42816	A-144	(Inner used w/42330 or 42815)	RSIA	15.060	T-3.950 B-4.190	T-CLOSED B-3.460				
42817	A-115	Peterbilt 330 Truck w/Caterpillar Engine - Passenger Side Mount. (Eco-LL 11"x 18" w/ 6" Outlet)	A	19.760	11.000	T-6.875 B-5.875				
42818	A-115	Peterbilt 330 Trucks w/Caterpillar Engine & Passenger Side Mount (Eco-LL 11"x18" w/7" Outlet)	A	19.760	11.000	6.875				
42819	A-20	GMC 9500 Brigadier Trucks (1978-on)	A	22.519	9.040	5.700				
42820	A-20	GMC 9500 Trucks (1978-on)	A	28.500	9.021	5.719				
42821	A-48	Chevrolet Corvette w/ 6.0L (05-07), Cadillac XLR-V (06-09)	AP	1.600	7.140	9.410				
42822	A-165	Chrysler Crossfire (04-07), Mercedes SLK320 (01-04) - 2 per carton	AP	2.000	4.645	10.708				
42823	A-161	Volvo XC90 L5 2.5L and L6 2.9L (03-06)	AP	2.230	8.500	13.000				

* AP=Air Filter Panel; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air; PCA=Corrugated Style Air Filter; PCIA=Corrugated Style Inner Air; PCOA=Corrugated Style Outer Air

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
42824	A-112	Champion Buses, Chevrolet Kodiak; Topkick w/3126 Cat 7.2L (C7), Isuzu 6HKITC (7.8L) Engines - Outer air - inner is # 49548	RSOA	18.550	7.750	T-CLOSED B-4.875				
42825	A-111	Mazda MPV (00-06), Mazda 6 w/ 2.3L (03-07)	AP	1.844	6.990	12.582				
42826	A-215	Chev Optra (04-07), Suzuki Forenza (04-08), Suzuki Reno (05-08)	AP	1.417	8.661	11.810				
42827	A-48	Cadillac CTS-V (04-07), Land Rover LR2 (08-13)	AP	2.340	7.250	10.820				
42828	A-110	Ez-Go Golf Carts	AP	1.840	5.225	11.650				
42829	A-221	Volvo S60R, V70R (04-07)	A	12.244	T-4.810 B-4.645	T-CLOSED B-3.030				
42830	A-218	Saab 9-5 (99-09)	A	5.531	7.100	3.562				
42831	A-111	Chevrolet Aveo (04-11), Pontiac Wave (05-09), Suzuki Swift (05-08)	AP	1.800	7.400	8.875				
42833	A-112	Mitsubishi Fuso Trucks - Outer used w/ 49028 inner	RSOA	16.250	9.280	T-CLOSED B-5.250				
42834	A-111	Hyundai Tucson (05-09), Kia Sportage (05-10)	AP	1.680	6.750	10.000				
42835	A-22	Champion, I-R Compressors, Volvo, Other (Inner used w/42216)	A	19.000	6.390	T-.660 B-5.290				
42836	A-53	GMC and IHC Trucks	A	9.000	8.406	T-CLOSED B-5.781				
42837	A-20	Case Loaders	A	8.562	10.230	5.500				
42838	A-143	Chevrolet Epica (04-07), Suzuki Verona (04-06)	AP	1.770	9.750	10.750				
42839	A-161	BMW 5 + 6 Series Models (05-12), Z4 (06-08)	AP	1.845	9.050	11.500				
42840	A-44	Farr Panel Type, GMC, Kenworth, Mack Trucks	AP	6.200	14.000	22.930				
42841	A-71	Ford Cars and Trucks(52-63)(Breather)	B	1.800	2.218	1.421	15154	3.220	2.870	.093
42842	A-90	Alaska Marine Engines	A	10.560	T-7.718 B-4.221	T-CLOSED B-4.015				
42843	A-48	Chrysler 300, Dodge (05-10)	AP	1.600	8.280	11.400				
42844	A-111	Honda Odyssey (05-09)	AP	1.600	6.550	12.000				
42845	A-144	John Deere, Kubota, Volvo, Other (Inner used w/46449)	RSIA	6.870	1.820	T-CLOSED B-1.220				
42846	A-48	Dodge Ram P/U w/ 5.9L Turbo Diesel (03-09) - Has 2" Pleat	AP	1.990	10.000	10.750				
42847	A-112	John Deere 9860STS Combine, New Holland CX880 Combine (Outer used w/42848)	RSOA	24.770	14.280	T-CLOSED B-8.980				
42848	A-114	CAT, John Deere, New Holland (Inner used w/42847)	A	24.570	T-8.700 B-9.090	T-CLOSED B-6.940				
42850	A-43	Railroad Applications - 2 per box	AP	6.200	14.000	45.380				
42851	A-54	Caterpillar Engines, Athey Compactors	A	8.250	10.406	T-CLOSED B-6.030				
42852	A-54	Caterpillar D333, D330 Engines, Athey, Other	A	12.250	10.375	T-CLOSED B-6.031				
42853	A-54	Caterpillar D-342, D-343, D-379 Engines	A	12.250	13.831	T-CLOSED B-9.480				
42854	A-90	Alaska Diesel Engines	A	8.919	T-7.718 B-4.221	T-4.178 B-4.015				
42855	A-39	Massey-Ferguson 1105, 1135, 1155 Tractors (Outer used w/42856)	A	13.500	T-9.062 B-7.935	T-.656 B-5.296				
42856	A-22	(Inner used w/42855)	A	12.250	5.204	T-.660 B-4.077				
42857	A-90	Donaldson ECC Units (Housing and air filter as one unit)	A	5.880	4.500	T-CLOSED B-1.500				
42858	A-22	Sullair Air Compressors	A	15.312	12.031	T-.437 B-6.050				
42859	A-48	Audi Q7, VW Toureg (07-13), Land Rover (07-09), Porsche (4-13) - Note: some Porsche applications take 2 filters	AP	2.165	7.342	15.315				
42860	A-68	IHC, Komatsu Dozer, Loaders	A	18.375	T-9.218 B-9.234	T-CLOSED B-4.894				
42861	A-12	(Inner used w/42860) (Obsolete)	A	17.022	T-4.578 B-7.000	T-CLOSED B-3.420				
42863	A-169	Mazda MX-5 (06-12)	AP	1.574	6.377	11.968				
42864	A-193	Cadillac (04-11)	AP	1.250	9.000	13.880				
42865	A-55	Allis-Chalmers, Cat, Galion, Komatsu, Iveco, Gardner-Denver	A	11.500	12.727	T-5.937 B-8.338	Packed Packed	13.06 5.216	12.5 4.716	.281 .5

TECHNICAL DATA

* AP=Air Filter Panel; B=Breather Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
42866	A-22	Kubota Tractors (Outer used w/ 42867 Inner)	A	9.625	6.020	T-.660 B-4.090				
42867	A-22	Kubota Tractors (Inner used w/ 42866 outer)	A	8.850	3.880	T-.660 B-3.250				
42868	A-8	Allis-Chalmers, Case, Daewoo, IHC, JCB, John Deere, Kobelco, Oliver (Outer used w/46514 or 42679)	AF	15.281	T-7.812 B-6.085	T-.750 B-3.505				
42869	A-37	Universal Silencer	AP	2.187	19.437	24.375				
42870	A-22	Massey-Ferguson MF-1100, MF-1300 Tractors	A	15.281	6.085	T-.750 B-3.505				
42871	A-22	Torit Large Dust Collectors	A	26.500	T-12.750 B-12.687	T-1.187 B-8.375				
42875	A-22	Volvo Trks + Buses	A	14.430	T-13.780 B-13.740	T-.409 B-8.307				
42877	A-159	Various Heavy Duty Applications	A	6.750	5.000	T-CLOSED B-2.300	Attached	2.940	2.600	.120
42878	A-1	Atlas-Copco, Sullair Compressors	A	4.250	11.937	7.500				
42879	A-111	Hyundai Sante Fe w/ 3.5L (03-06)	AP	1.965	7.500	10.250				
42885	A-111	Mazda (03-11)	AP	1.929	6.909	12.204				
42886	A-20	Various Heavy Duty Applications	A	9.250	17.000	13.000				
42887	A-14	Ford Trucks (Inner used w/42943)	A	9.650	T-7.290 B-8.480	T-.660 B-6.200				
42888	A-90	Carrier Transcold	A	10.380	6.500	T-CLOSED B-2.000				
42890	A-23	Hough H-65, H-70	A	9.000	10.375	T-.500 B-6.031				
42891	A-167	Saturn L Series (00-05)	AP	1.380	9.270	12.500				
42892	A-4	Range Rover (03-06)	A	9.370	T-7.000 B-5.360	T-4.775 B-2.800				
42895	A-117	Yamaha Golf Carts - Models G1-A1, GL-A	A	5.730	T-5.620 B-4.152	T-CLOSED B-1.220				
42896	A-118	Yamaha Golf Carts - Models G2, G9	A	5.840	4.152	T-CLOSED B-1.386				
42897	A-48	Volvo S40 & V40 (00-04)	AP	1.693	6.654	13.504				
42899	A-1	Audi Super 90, 80, 100LS, 100GL, Fox (71-77)	A	1.968	11.500	8.625				
42901	A-21	Purolator Hsg.	A	8.000	6.625	4.218				
42902	A-185	Various Torit Applications	A	26.610	T-12.750 B-16.000	T-CLOSED B-8.340				
42904	A-1	Toyota Corolla (71-79), Corona (69), Starlet (83-84).	A	2.750	7.125	4.937				
42906	A-1	Mazda (71-78), Nissan (67-88), Subaru (71-79) (87-92)	A	1.936	9.170	6.800				
42908	A-1	Nissan Cars and Trucks (74-92)	A	2.437	11.275	9.100				
42909	A-1	Honda Civic 1237cc Eng. (73-79)	A	2.625	9.170	6.800				
42910	A-21	IHC Trucks (1958 ACD Series)	A	10.000	9.000	4.300				
42911	A-1	Honda Civic 1488cc Eng. (75-76)	A	1.600	9.875	7.625				
42912	A-1	Honda Accord (76-78), Civic (77-83), Dodge Colt (79-83).	A	2.017	10.250	7.710				
42913	A-132	Cummins M-11 Engines	A	19.625	T-10.375 B-11.500	T-.625 B-6.580				
42914	A-9	Ford Trucks w/Caterpillar Engines	AF	8.345	T-11.562 B-9.218	T-.625 B-4.894				
42915	A-22	Ford Trucks w/Caterpillar Engines	A	11.375	9.218	T-.660 B-4.894				
42916	A-5	Air Maze Housing Applications	A	6.312	9.562	4.969				
42917	A-22	John Deere Construction Equipment, Tractors (Outer used w/46375)	A	12.281	6.854	T-.687 B-3.453	Packed	1.250	.546	.125
42918	A-22	John Deere 4020 Tractor	A	14.281	6.854	T-.708 B-3.453				
42919	A-8	Various HD Equipment (Outer used w/42920, 42921 or 42945)	AF	16.375	T-9.940 B-7.940	T-.671 B-5.296	Packed	1.187	.343	.125
42920	A-14	Inner used w/42919, 46616 or 46642	A	16.000	T-4.578 B-5.625	T-.671 B-3.453				
42921	A-22	A-C, Case, Hitachi, John Deere, Nissan, Oliver (Inner used w/42919 - 49847 or 49609 Outer)	A	15.250	4.579	T-.708 B-3.468				

* AF=Air Filter w/Fin; AP=Air Filter Panel

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
42922	A-8	IHC 500 Crawler Tractor	AF	7.000	T-6.375 B-5.254	T-.656 B-2.621				
42923	A-5	Diamond T, Ford, & White Trucks	A	7.906	9.562	4.969				
42924	A-14	Case, Daewoo, Foden, Hitachi, Kobelco, Komatsu, Other (Inner used w/42119 or 46600 or 42321)	A	13.000	T-4.609 B-5.593	T-.660 B-3.500				
42925	A-22	Autocar, Mack, White Trucks	A	12.502	12.088	T-.531 B-7.729				
42926	A-22	John Deere, Hitachi, Iveco, Linkbelt - Outer (inner for John Deere applications only is 42928)	A	12.281	6.085	T-.750 B-3.500				
42927	A-22	Case, Champion, Gardner, I-R, Steiger, Vermeer (Outer used w/42928)	A	14.375	10.401	T-.875 B-6.035				
42928	A-22	(Inner used w/42927)	A	12.372	5.955	T-.895 B-4.835				
42929	A-9	Ford Trucks w/Caterpillar Engines	AF	10.375	T-13.656 B-11.095	T-.625 B-6.725				
42930	A-9	Ford Trucks w/Detroit Diesel Engines	AF	14.375	T-13.656 B-11.095	T-.625 B-6.725				
42931	A-185	Industrial Dust Collectors	A	23.235	T-12.750 B-16.000	T-CLOSED B-8.340				
42932	A-1	Sullair Air Compressors	A	3.665	9.750	6.125				
42933	A-1	Ingersoll-Rand and Joy Air Compressors	A	5.243	9.750	6.125				
42935	A-28	White Trucks	A	21.098	T-12.031 B-12.211	T-.400 B-6.110				
42936	A-22	Joy Air Compressors	A	18.324	11.125	T-.400 B-6.256				
42938	A-28	White Trucks	A	15.201	T-9.558 B-9.660	T-.400 B-4.079				
42940	A-8	Mack Trucks w/Detroit Diesel Engines	AF	13.375	T-11.098 B-13.703	T-CLOSED B-6.725				
42941	A-27	Mack & Western Star Trucks	A	27.000	10.401	T-CLOSED B-6.035	15590	12.75	10.5	.25
42942	A-9	Ford Trucks w/Detroit Diesel Engines	AF	16.375	T-13.656 B-11.095	T-.625 B-6.720				
42943	A-9	Ford Trucks w/Cat Engines	AF	10.377	T-15.625 B-12.088	T-.708 B-7.729				
42945	A-22	John Deere (Inner used w/42919) Case Tractors (Inner used w/42624)	A	11.250	5.204	T-.660 B-4.077				
42946	A-8	John Deere, Komatsu (Outer used w/42947)	AF	13.375	T-9.234 B-11.531	T-.660 B-4.894				
42947	A-22	(Inner used w/42946, 42948, 42535 or 42471)	A	11.250	4.578	T-.708 B-3.468				
42948	A-22	John Deere, Komatsu (Outer used w/42947)	A	12.500	7.935	T-.671 B-5.316				
42948FR	A-22	Flame retardant version of 42948	A	12.500	7.935	T-.671 B-5.316				
42949	A-27	GMC 5 Star Trucks	A	26.000	13.843	T-.187 B-7.437	Packed	15.156	14.156	.250
42950	A-22	IHC, Komatsu (Outer used w/42951)	A	22.807	T-8.500 B-8.531	T-.406 B-5.375				
42951	A-22	(Inner used w/42950)	A	21.500	5.260	T-.656 B-4.125				
42954	A-18	Dresser, Euclid, Komatsu, Terex, Versatile (Outer used with 42955 or 46821)	A	22.500	13.844	T-.906 B-9.480				
42955	A-22	(Inner used w/42954 or 46820)	A	21.008	8.641	T-.906 B-7.500				
42956	A-22	White Trucks (69-70)	A	8.780	13.835	T-.525 B-9.475				
42957	A-22	GMC and Mack Trucks	A	14.383	12.093	T-.660 B-5.750				
42958	A-8	IHC Transtar Trucks	AF	16.377	T-15.703 B-12.093	T-.660 B-7.729				
42960	A-67	IHC Transtar Trucks	A	18.408	T-16.187 B-13.845	T-CLOSED B-7.455				

TECHNICAL DATA

* AF=Air Filter w/Fin

® Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
42961	A-27	GMC, IHC, Kenworth, Mack Trucks, Crane Carrier	A	23.000	12.769	T-CLOSED B-8.375	15586 15293 [®]	15 15.12	13 12.86	.25 .38
42962	A-8	Dresser, IHC, Komatsu (Outer used w/42963)	AF	14.287	T-6.860 B-8.781	T-.671 B-4.202				
42963	A-22	(Inner used w/42962)	A	13.375	T-4.093 B-4.085	T-.660 B-2.475				
42965	A-5	Harley-Davidson Golf Carts, IHC Cub, New Holland Loaders, Vermeer, Wisconsin	A	6.190	4.250	2.000				
42966	A-27	GMC, Kenworth, Mack Trucks.	A	22.812	10.401	T-CLOSED B-6.035	15766	12.75	10.75	.375
42967	A-184	Various Heavy Duty Applications (Obsolete)	A	34.375	5.562	T-CLOSED B-3.500				
42968	A-127	Various Heavy Duty Applications (Obsolete)	A	26.500	T-12.750 B-16.187	T-8.375 B-11.875				
42969	A-20	Industrial Dust Collector Air Filter	A	22.500	13.812	9.468				
42970	A-7	Lauson/Tecumseh Engines	A	2.062	T-3.000 B-3.750	T-CLOSED B-2.375				
42971	A-112	Peterbilt, Kenworth, Freightliner Trucks	RSA	23.720	11.380	T-6.830 B-3.890				
42972	A-48	Audi A4 (02-09)	AP	2.765	8.400	10.500				
42974	A-21	Target Concrete Saws	A	3.210	3.857	2.360				
42975	A-53	A-C, Case, Hough, Hercules, Komatsu	A	8.000	5.250	T-CLOSED B-2.625				
42976	A-22	Dresser, Komatsu, Volvo/White Trucks, (Outer used w/42687).	A	13.500	12.088	T-.708 B-7.729				
42977	A-21	Stihl Concrete Saws and BMW Motorcycles	A	2.760	3.885	2.360				
42980	A-52	Various Caterpillar (Outer used w/42981), Radial Seal Version 46476	A	13.500	11.500	T-CLOSED B-8.100				
42981	A-13	Inner used with 42980, Radial Seal Version 46477	A	13.546	T-7.650 B-10.200	T-CLOSED B-5.992				
42982	A-22	IHC & White Trucks (Outer used w/46550)	A	15.625	12.088	T-.708 B-7.729	Packed	1.250	.546	.125
42983	A-22	IHC 5000 Paystar Trks w/Cummins Engines	A	17.758	12.093	T-.660 B-5.750				
42984	A-22	IHC Diesel Engines, IHC, White Trucks	A	15.758	12.099	T-.660 B-5.701				
42985	A-144	Cat, Komatsu, John Deere, New Holland, Kubota (Inner used w/46438 outer)	RSIA	10.230	T-2.320 B-2.440	T-CLOSED B-1.770				
42986	A-22	IHC Pay Haulers	A	18.377	11.095	T-.531 B-6.725				
42988	A-61	Ford, Mercury (77-84) Crankcase Breather	B	1.200						
42989	A-61	Ford Escort, Mercury Lynx (81-90)	B	1.289						
42991	A-61	Ford Cars + Trks (71-82) (Crankcase Breather)	B	1.220						
42992	A-61	Ford (78-99) (Crankcase Ventilation)	B	1.300						
42993	A-64	GM Diesel Cars (78-88) (Crankcase Ventilation)	B	2.610	2.620	.930				
42994	A-63	GM (79-87) (Crankcase Ventilation)	B	1.900						
42995	A-61	GM Family of Cars and Trucks (68-92)	B	1.875						
42997	A-65	Chrysler Family of Cars + Trucks (72-90) Dodge Dakota, Durango, Ram Vans (98-03)	B	2.830	3.050	T-.625 B-1.000				
42998		AMC, GM, Chrysler Family of Cars (70-93)(Carbon Canister Pad)	B	.500	4.500					
46001	A-5	GMC Trucks Air Brake Breather	A	1.031	2.730	1.375				
46002	A-111	Ford Aspire (94-96)	AP	1.535	5.984	8.149				
46004	A-46	Jaguar (76-96)	AP	1.047	5.375	16.653				
46006	A-111	Acura SLX (96-00), Honda (95-02), Isuzu (94-04)	AP	2.050	7.879	12.216				
46007	A-1	Toyota Tercel (80-86), Corolla (83-87)	A	1.592	11.000	8.750				
46009	A-3	Nissan 280ZX (79-80)	A	2.000	T-16.300 B-5.220	T-14.060 B-2.980				
46010	A-4	Mercedes 280, 280C, 280S (72-80)	A	1.990	T-20.610 B-14.040	T-16.900 B-10.310				
46011	A-1	Mazda GLC (79-85)	A	2.000	9.312	T-7.708 B-7.010				

* AF=Air Filter w/Fin; AP=Air Filter Panel; B=Breather Filter; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air

[®] Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46013	A-4	Ford Escort, Mercury Lynx (81-86)	A	2.026	T-14.645 B-7.944	T-12.677 B-5.984				
46014	A-1	Various BMW (66-74)	A	1.969	9.746	7.402				
46015	A-1	Asuna, Opel Manta (71-74), Pontiac LeMans (88-92)	A	2.085	9.877	8.101				
46016	A-4	Subaru (80-89)	A	1.859	T-14.671 B-6.671	T-12.359 B-4.359				
46017	A-111	Lexus (92-04), Toyota (92-04)	AP	1.642	7.352	12.296				
46018	A-1	Mazda RX-7 (80-85)	A	2.781	10.437	7.343				
46019	A-4	Mazda GLC FWD (81-85)	A	1.765	T-11.300 B-9.000	T-9.082 B-6.781				
46020	A-1	Fiat 128 (74-79)	A	1.960	9.180	7.620				
46021	A-107	Acura Vigor (92-94) Acura TL Series 2.5L (95-98)	AP	1.765	8.062	10.400				
46022	A-1	Toyota Starlet (81-82)	A	2.253	7.441	4.281				
46023	A-1	Ford Festiva 1.3L Eng. (88-90)	A	1.795	8.500	6.125				
46024	A-1	Various Toyota (72-90)	A	2.000	12.125	9.437				
46025	A-48	Audi (78-91), Jaguar (88-97), Porsche (73-84), VW (72-85)	AP	2.250	8.375	8.375				
46026	A-34	Honda Civic 4 Cyl 1.5L/1.6L (92-95)	AP	1.496	7.299	8.252				
46027	A-109	Nissan Trucks, SUVs (90-04)	ARP	2.300	12.874	T-4.75 B-CLOSED				
46028	A-111	Chrysler (92-05), Mazda Millenia (95-02), Mitsubishi (92-05)	AP	2.043	7.349	9.163				
46029	A-5	Homelite Concrete Saws	A	2.530	4.270	2.000				
46030	A-111	Geo Storm (90-93), Isuzu Impulse (90-91)	AP	1.693	6.732	9.842				
46031	A-107	Mazda MX-3 (92-94)	AP	1.535	7.205	10.630				
46033	A-1	Impco LP Gas Conversions (Flame Retardant Media)	A	2.170	6.750	5.000				
46034	A-1	Fiat Spyder (79-80)	A	2.359	10.750	8.609				
46035	A-48	GM Family of Cars (97-05)	AP	1.650	7.640	12.783				
46036	A-1	GM Vehicles (82-93)	A	2.489	8.468	6.968				
46037	A-1	GM Family of Cars V-6 Diesel Engine (82-85)	A	2.640	13.875	11.625				
46038	A-1	Chevrolet Camaro, Pontiac Firebird (81)	A	2.838	12.344	10.844				
46040	A-1	GM Vehicles (81-95), Nissan Pickups (86-89)	A	2.826	9.718	8.187				
46041	A-1	Chevrolet Camaro, Corvette, Pontiac Firebird (82-83) - 2 per application	A	1.750	9.312	7.500				
46042	A-1	Chrysler Cars/Trks (80-89), Mitsubishi Trks (83-89)	A	2.592	10.218	8.015				
46043	A-97	Honda Passport (95-96), Various Isuzu (88-95)	ARP	2.795	T-8.661 B-7.952					
46044	A-51	Nissan 300ZX (90-96), Infiniti (09-13), Nissan (07-13) 2 per application - 1 per box	AP	1.260	6.565	8.819				
46046	A-1	Chev/GMC S-10, S-15 Trks (82-85)	A	2.515	9.968	8.625				
46047	A-4	Ford Mustang, T-Bird, Mercury Capri, Cougar (83-89)	A	4.250	T-8.250 B-6.750	T-5.250 B-3.765				
46048	A-1	Ford Ranger (83-88)	A	2.107	9.718	8.187				
46050	A-32	Various Mercedes (76-91)	A	3.150	15.500	11.530				
46051	A-48	Ford Tempo (92-94), Mercury Topaz (92-94)	AP	1.574	7.145	10.068				
46052	A-48	Lincoln Continental Mark VIII (93-98)	AP	1.804	8.165	8.791				
46053	A-34	Infiniti FX45, Q45 (91-08)	AP	1.575	7.205	10.945				
46055	A-1	Mercedes 350, 450 (72-76)	A	3.190	14.170	9.880				
46056	A-1	Buick, Pontiac V-8 265 Eng. (81)	A	3.156	12.000	9.828				
46057	A-34	Dodge-Mitsubishi Cars + Trks (91-04)	AP	1.535	8.878	8.878				
46058	A-97	Lexus LS400 (90-00)	ARP	2.760	T-9.528 B-10.230					
46059	A-3	Nissan 280ZX (80-83)	A	3.150	T-13.410 B-5.215	T-11.160 B-2.970				
46062	A-107	Acura Integra (90-92)	AP	1.577	5.990	10.718				
46063	A-5	Gardner Denver, Ingersoll-Rand, Schramm Air Compressors	A	4.500	4.437	2.812				
46064	A-34	Honda Accord (90-93)	AP	1.570	5.390	9.650				
46070	A-5	Toyota Cressida (79-80), MR2 (85-86)	A	3.550	7.031	4.280				
46071	A-93	Detroit Diesel Marine Engines (Wrap)	A	7.000	8.600	7.600				
46074	A-33	Caterpillar/Towmotor Lift Trucks	A	3.968	T-2.937 B-3.250	T-CLOSED B-2.000				

TECHNICAL DATA

* AP=Air Filter Panel; ARP=Air Filter Round Panel

° Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46077	A-48	Chrysler/Jeep/Mitsubishi (87-10), Chev Camaro Super Sport (96-97), Dodge (94-11)	AP	1.625	6.679	13.570				
46078	A-1	Joy, LeRoi, Worthington Air Compressors	A	3.187	7.375	5.500				
46079	A-5	Briggs & Stratton Engines	A	2.843	3.812	1.312				
46080	A-48	Caterpillar Loaders, Chrysler LH Series Cars (93-97)	AP	1.500	7.100	12.531				
46081	A-48	Jeep Wrangler (97-06)	AP	1.424	6.260	13.494				
46082	A-34	Geo Tracker (89-95), Suzuki Sidekick (88-96)	AP	1.693	8.250	10.197				
46083	A-34	Toyota Paseo (92-98), Tercel (91-99).	AP	1.642	4.740	9.820				
46084	A-91	Chrysler Family of Cars (86-95)	A	2.250	T-8.765 B-7.187	T-7.265 B-5.687				
46087	A-1	Chevrolet Sprint (85-86)	A	1.812	10.312	7.937				
46088	A-48	GM Family of Cars w/ 3.1L - 3.4L (89-93) -	AP	1.633	7.066	11.575				
46089	A-1	Honda Civic & CRX (84-87)	A	1.701	10.437	7.781				
46090	A-1	Honda Accord (84-85) Mazda B2600 Trk (87-89)	A	2.498	10.218	8.015				
46092	A-34	Acura Legend, TL Series (91-97)	AP	2.062	8.780	10.532				
46093	A-48	Ford T-Bird & Mercury Cougar (89-96)	AP	1.585	9.547	9.547				
46094	A-1	Ingersoll-Rand, John Deere, Onan	A	2.125	8.045	6.475				
46095	A-48	Mercury Villager (93-01), Nissan Quest (93-01)	AP	1.608	7.093	10.872				
46096	A-19	Chevrolet/GMC Trks V-8 Diesel (88-97) - The unwrapped version is 42096	AW	4.040	13.875	11.625				
46097	A-51	Mazda (90-97), Ford Escort (91-97), Mercury Tracer (92-97)	AP	1.493	5.875	9.812				
46098	A-48	Ford Probe, Mazda 626, MX6 (93-97)	AP	1.585	6.427	10.344				
46099	A-47	Pre-Cleaner Blanket for 42595	WRAP	.500						
46100	A-30	Allis-Chalmers Forklifts (Spin-on Air Breather)	B	3.760	3.672	3/4-14				
46101	A-30	Hydraulic Breather for Fiat/Allis Equip.	B	3.760	3.672	3/4-14				
46102	A-30	Mack Trucks (Spin-on Trans Air Breather)	B	4.343	3.694	3/4-20				
46103	A-48	Volkswagen Fox (91-93)	AP	1.900	7.425	9.975				
46104	A-48	Hyundai Accent (95-99)	AP	1.457	6.299	9.764				
46105	A-111	Mazda Protege (95-03), Mazda3 (04)	AP	1.535	6.260	9.646				
46106	A-41	Volvo Marine Engines (Breather)	B	6.437	T-3.316 B-3.318	T-CLOSED B-1.980	Packed	1.968	1.415	.062
46107	A-34	Saturn (91-94)	AP	1.320	5.710	9.480				
46108	A-34	Saturn Vehicles w/ 1.9L DOHC Eng. (91-02)	AP	2.060	5.480	9.850				
46109	A-135	Lexus (92-00), Toyota (93-04)	AP	2.031	8.160	9.650				
46110	A-107	Honda Prelude (92-02)	AP	1.969	6.201	13.327				
46111	A-48	Volvo 240DL, GL (75-93)	AP	1.494	6.500	13.230				
46113	A-48	Volvo (83-96)	AP	2.300	9.562	13.125				
46114	A-48	Saab 900 (95-97), Volvo 760 V6 Eng. (85-87).	AP	1.688	7.200	11.400				
46116	A-48	Infiniti, Nissan (81-13), Saab 9-2X (05-07), Subaru (90-09)	AP	1.380	6.610	11.070				
46117	A-48	GM Cars & Trucks (92-05)	AP	1.660	6.050	11.563				
46118	A-48	Mazda 626 (86-87)	AP	1.709	6.656	9.804				
46119	A-48	Mazda 323 (86-89), Mercury Tracer (87-89), Capri (91-93)	AP	1.950	7.687	9.050				
46120	A-48	Chrysler Cars + Trucks (81-97), New Holland Loaders	AP	1.610	5.265	8.075				
46122	A-48	Mercedes 190D (84-88)	AP	2.335	6.719	11.219				
46123	A-48	Jeep Wrangler (91-95)	AP	1.650	5.250	13.175				
46126	A-48	Ford Cars/Trucks (86-00), Mazda Trucks (91-95)	AP	1.200	6.170	11.220				
46127	A-48	Porsche 944 (82-89)	AP	1.640	7.285	12.175				
46128	A-48	Ford Family of Cars (86-95), Various Caterpillar Equipment	AP	1.585	8.918	11.281				
46132	A-48	Ford Tempo, Mercury Topaz (83-92), Mustang (87-93)	AP	1.593	6.988	7.892				
46133	A-48	Ford Cars & Trucks (85-96)	AP	1.594	5.285	10.808				
46134	A-48	Ford/Mercury (85-10), Lincoln (86-11)	AP	1.835	7.568	11.269				
46135	A-48	Various BMW (77-90)	AP	1.339	7.200	12.550				
46138	A-48	GM Family of Cars (85-89)	AP	1.264	4.488	9.528				
46139	A-48	GM Family of Cars (86-01)	AP	1.623	6.060	7.625				
46140	A-48	Chevrolet Camaro (85-92) - Most applications take 2 per change - 1 per carton	AP	1.639	6.693	6.693				
46141	A-48	Cadillac Eldorado, Seville (86-87)	AP	1.988	3.100	11.600				

* AP=Air Filter Panel; AW=Air Filter with Wrap; B=Breather Filter; WRAP=Wrap For Air Filter

° Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46142	A-48	Clark Forklifts	AP	1.625	8.375	8.375				
46144	A-48	GM Cars & Trucks (98-06)	AP	1.650	7.938	15.970				
46146	A-34	Various Toyota Vehicles (81-88)	AP	2.170	6.582	10.182				
46147	A-34	Toyota Camry (83-91), Daihatsu (89-92)	AP	2.170	6.582	8.900				
46148	A-111	Mazda (88-99)	AP	1.540	7.892	9.236				
46149	A-34	Honda Civic, CRX (85-87), Acura Integra (86-89)	AP	1.496	5.472	9.016				
46150	A-4	Dodge Trucks V-6 3.9L Eng. (88-93)	A	3.062	T-12.906 B-9.062	T-9.844 B-6.000				
46151	A-78	Toyota Lift Trucks	A	1.750	10.250	T-.250 B-7.187				
46152	A-1	Dodge Family of Trucks V-6 3.9L, V-8 5.2L (88-90)	A	2.576	12.414	9.187				
46153	A-48	Various GM Vehicles (88-09)	AP	1.620	7.950	10.680				
46156	A-48	Ford Probe, Mazda MX-6, 626 (88-92)	AP	1.682	6.890	10.040				
46157	A-1	Dodge/Plymouth Colt (85-91), Mitsubishi (87-91) (Obsolete)	A	2.342	10.218	8.015				
46158	A-107	Honda Civic 1500, CRX, Wagon (88-91)	AP	1.476	6.535	7.874				
46159	A-48	Chevrolet Corsica, Beretta (89-93)	AP	1.530	6.250	8.620				
46162	A-111	Mazda (92-95), Toyota (89-04), Isuzu (91-92)	AP	1.642	6.992	9.893				
46163	A-4	Dodge/Plymouth Colt (83-87), Mitsubishi (83-88)	A	2.218	T-12.906 B-9.062	T-9.844 B-6.000				
46165	A-1	Chevy LUV, S-10 (81-85), Isuzu (76-95), Nissan (63-73), Toyota (70-82)	A	2.406	10.312	7.937				
46166	A-19	Heavy Duty Option for 46220 with Wrap	AW	5.437	12.500	9.828				
46168	A-21	Nissan Forklifts	A	3.125	5.750	3.000				
46169	A-34	Subaru Justy w/1.2L (90-94)	AP	1.417	7.204	7.756				
46170	A-110	Chrysler Family of Cars 2.2L & 2.5L Turbocharged (90-92)	AP	1.650	4.300	11.100				
46171	A-4	Ford Escort (87-90), Mercury Lynx (87-88)	A	2.217	T-10.546 B-8.156	T-9.296 B-6.906				
46172	A-5	Atlas Copco Air Compressors	A	2.781	5.937	3.562				
46173	A-5	Buick Skylark, Olds. Calais, Pontiac Grand Am (87-89)	A	6.734	5.062	3.625				
46174	A-48	Ford Family of Trucks (87-98)	AP	1.713	5.856	12.864				
46175	A-1	Mazda B2200 Diesel Truck (82-85)	A	4.343	7.953	4.953				
46176	A-4	Briggs/Stratton Engines	A	2.500	T-9.680 B-3.850	T-8.180 B-2.325				
46177	A-4	Briggs/Stratton Engines, J.D. Lawn/Garden Tractors	A	2.562	T-5.250 B-3.062	T-4.250 B-2.062				
46178	A-5	Ford Ranger 2.2L Diesel Eng. (83-84)	A	4.718	7.953	4.953				
46179	A-5	GM Family of Cars (85-96)	A	4.937	5.750	3.625				
46180	A-5	GM Family of Cars (85-97)	A	5.982	5.750	3.625				
46181	A-21	Toyota Diesel Trucks (81-87)	A	4.921	7.230	3.022				
46182	A-97	GMC Family of Cars (87-89), Suzuki (89-01)	ARP	2.760	T-6.100 B-6.870					
46183	A-96	Toyota Tercel 3E Eng. (87-89)	ARP	1.850	T-10.080 B-9.350					
46184	A-1	Chevrolet Beretta, Corsica w/ 2.8L Eng. (87-88)	A	3.982	5.750	3.625				
46186	A-96	GMC Family of Cars (87-00), Suzuki (89-98)	ARP	1.810	T-9.450 B-8.822					
46187	A-48	Audi 5000 Turbo Diesel (83-84) (Obsolete)	AP	2.300	5.261	17.810				
46188	A-5	Allmand, Atlas-Copco, Petter Diesel Engines	A	4.750	5.437	3.250				
46189	A-34	Toyota Corolla Diesel (84-87)	AP	1.661	6.125	12.187				
46190	A-109	Nissan Pulsar NX & Sentra w/4 Cyl. 1.6L EFI (89-90)	ARP	1.700	T-6.758 B-10.800	T-.630 B-CLOSED				
46192	A-21	Nissan, TCM Forklifts	A	5.000	6.375	3.687				
46193	A-111	Suzuki Esteem (95-02)	AP	2.047	6.141	7.480				
46194	A-5	Joy & Gardner Denver Air Compressors	A	4.625	9.375	7.562				
46195	A-111	Chevrolet Tracker (99-04), Suzuki (96-05)	AP	2.126	7.953	9.055				
46198	A-48	Volvo w/o Turbo (85-97), Volvo S90, V90 (98)	AP	1.825	8.400	11.300				
46200	A-19	Ford Trucks, Buses w/6.9 L Diesel Engine (83-87)	AW	5.000	12.625	8.375				
46202	A-5	Toyota Celica, Supra (83-86)	A	5.500	7.031	4.280				
46203	A-34	Honda Accord (85-89)	AP	1.325	7.350	10.700				

TECHNICAL DATA

* AP=Air Filter Panel; ARP=Air Filter Round Panel; AW=Air Filter with Wrap
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46204	A-19	IHC Trucks, Buses w/6.9 Liter Diesel Engine (83-88)	AW	6.937	11.500	8.625				
46206	A-48	Saab 9000 Non-Turbo (86-88)	AP	2.500	6.625	11.375				
46207	A-111	Geo Tracker, Suzuki Sidekick (92-98), X90 (96-98)	AP	2.110	5.505	11.578				
46208	A-48	BMW 735i (88-90), 535i (89-90)	AP	2.272	5.886	15.000				
46209	A-34	Alfa-Romeo Spyder (86-93),164 (91)	AP	1.070	9.025	13.500				
46210	A-1	LeRoi Air Compressors	A	3.000	7.937	4.250				
46213	A-48	Jeep Grand Cherokee (93-04), Nissan (04-13), Infiniti (04-10), Suzuki Equator (09-12)	AP	1.455	9.607	11.355				
46214	A-5	Atlas Copco, Davey, Ingersoll-Rand, Worthington Compressor	A	4.125	7.937	4.125				
46215	A-143	Mitsubishi (97-11)	AP	2.027	8.090	8.405				
46216	A-106	Honda Prelude SI (88-91)	A	2.550	11.400	9.000				
46217	A-48	Porsche 911SC, Carrera (86-89)	AP	2.100	9.350	9.250				
46218	A-1	Atlas Copco, Gardner Denver, Worthington Air Compressors	A	4.093	8.000	6.312				
46220	A-1	Chevrolet/GMC Trucks, Vans (80-91) - The wrapped version is 46166	A	5.437	12.000	9.828				
46221	A-48	BMW (86-97)	AP	2.272	5.886	10.079				
46222	A-19	Heavy Duty Option for 42122 with Wrap	AW	5.500	11.500	8.625				
46223	A-48	Porsche 944 Turbo (86-89) (Obsolete)	AP	2.187	7.750	10.125				
46224	A-5	Buick, Pontiac w/1.8L Turbo (84-86)	A	5.656	4.625	3.062				
46225	A-5	Saab 99, 900 (75-88)(90-91)	A	5.980	5.850	3.460				
46226	A-21	Chrysler/Nissan Industrial Engines	A	3.312	8.562	4.375				
46227	A-48	Ford Festiva (89-93), Ford Aspire (94)	AP	1.675	5.980	8.185				
46229	A-96	Toyota Corolla 1.6L w/ 2 BBL Carb. Eng. (88-89)	ARP	1.570	T-10.080 B-9.000					
46230	A-5	Renault LeCar, R18i (76-83), Fuego (81-83)	A	6.700	5.040	3.650				
46231	A-19	Ford F800 w/V-8 370,429 Engs.(85-92) (Flame Retardant Media)	AW	6.937	12.125	8.375				
46232	A-52	Caterpillar/Towmotor Forklifts (Flame Retardant)(Outer used w/46233 or 46251)	A	5.875	8.407	T-CLOSED B-4.040				
46233	A-12	Caterpillar/Towmotor Forklifts (Inner used w/46232)	A	5.281	T-3.812 B-6.718	T-CLOSED B-2.375				
46234	A-5	GM Family of Cars V-6 2.8L or 3.1L (87-94)	A	4.982	5.062	3.625				
46235	A-5	Suzuki Samurai (86-93), Suzuki Sidekick (89-90)	A	4.434	6.857	4.599				
46239	A-5	Joy Air Compressors, Gardner Denver	A	6.000	5.750	4.312				
46240	A-48	Audi (92-97), VW (88-97)	AP	2.187	7.250	12.050				
46241	A-1	Ford Vans 7.3L Diesel Eng. (91-94).	A	4.420	11.625	8.375				
46242	A-34	Geo Prizm (89-92), Toyota (88-05)	AP	1.549	6.150	9.900				
46244	A-111	Geo Prizm (90-92), Lexus (90-91), Toyota (87-00)	AP	1.549	6.100	12.200				
46245	A-143	Acura RL 3.5L (96-05)	AP	1.640	10.000	10.500				
46246	A-48	GM Vehicles w/ V8 Engines (91-93)	AP	1.650	4.156	13.770				
46247	A-5	Impco LP Gas Conversions	A	6.625	6.750	5.000				
46249	A-20	Fiat Strada, X1/9 (81-82)	A	6.496	5.094	T-3.375 B-3.625				
46250	A-22	Mack Trucks w/ENDT-676 Engine	A	7.500	8.850	T-.660 B-5.493				
46251	A-13	Various Caterpillar, Towmotor w/ Perkins Engine (Inner used w/46232)	A	5.343	T-6.718 B-3.937	T-CLOSED B-2.375				
46252	A-5	Gardner Denver, Joy, Leroi Air Compressors	A	7.062	6.867	5.250				
46253	A-48	Ford Cars & Trucks (97-11), Mazda Trucks (99-11)	AP	2.295	7.575	8.791				
46254	A-67	GMC, IHC, Kenworth Trucks (Obsolete)	A	7.530	T-20.370 B-16.970	T-CLOSED B-10.580				
46255	A-1	Ford Trucks 7.3L Diesel Eng.(88-95) - The 46200 is the wrapped version	A	5.000	11.625	8.375				
46256	A-111	Mazda RX-7 (86-95)	AP	1.831	10.197	10.906				
46257	A-20	Daihatsu S-80 Truck (Flame Retardant Media)	A	6.294	4.085	2.237				
46259	A-8	Mitsubishi FE Series Trucks	AF	7.406	T-9.940 B-7.935	T-4.957 B-.520				
46260	A-8	Kubota Tractors, Mitsubishi Fuso	AF	6.250	T-6.093 B-7.906	T-.500 B-3.468				

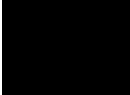
* AF=Air Filter w/Fin; AP=Air Filter Panel; ARP=Air Filter Round Panel; AW=Air Filter with Wrap

° Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46261	A-5	John Deere Lawn and Garden Tractors (Flame Retardant Media)	A	6.275	4.200	2.000				
46262	A-8	Late Model Nissan, TCM Forklifts	AF	7.875	T-4.093 B-5.147	T-.660 B-2.475				
46263	A-31	Melroe Bobcat, Tennant (Inner used w/42276 or 42276FR)	A	8.625	T-2.375 B-4.562	T-.660 B-2.000				
46264	A-105	Chrysler Family of Cars (88-94), Eagle Summit and Talon(90-94), Hyundai (89-99), Mitsubshi (86-94)	A	6.700	T-8.050 B-6.760	T-CLOSED B-5.320				
46265	A-105	Dodge Light Trucks (90), Mitsubishi Vans (87-90)	A	6.693	T-8.504 B-6.890	T-CLOSED B-3.150				
46266	A-22	Caterpillar Equipment (Round Cab Air)	A	7.250	6.085	T-.750 B-3.500				
46267	A-20	Nissan Van (1988)	A	7.241	4.968	2.750				
46268	A-90	Donaldson Duralite Element	A	6.380	8.500	T-CLOSED B-3.075				
46269	A-21	TCM, Nissan Forklifts	A	5.015	7.032	3.656				
46270	A-8	Allis-Chalmers, Bolen, Case, Cub Cadet, Ford, Gehl, Hyster, IHC, John Deere, Kubota Small Tractors & Loaders	AF	7.250	T-3.281 B-4.218	T-.437 B-1.812				
46271	A-111	Dodge/Plymouth Colt, Eagle, Mitsubishi Mirage (93-96)	AP	1.748	7.931	8.700				
46272	A-190	Dodge Trucks w/L6 5.9L Diesel Eng. (96-02)	AP	2.749	10.750	11.825				
46273	A-111	Mazda Millenia (95-02), Toyota Corolla (93-02), Chevrolet Prizm (98-02)	AP	1.700	6.690	10.550				
46274	A-20	Fiat Allis Equipment (Outer used w/46275)	A	7.718	8.750	6.062				
46275	A-20	(Inner used w/46274)	A	7.000	5.437	4.015				
46276	A-20	IHC HD Trucks w/ Gasoline Engines (Obsolete)	A	8.125	12.687	8.375				
46277	A-108	Honda Prelude (88-91)	A	7.320	T-5.000 B-2.930	T-CLOSED B-2.850				
46278	A-21	Chevrolet Trucks, Gardner Denver Air Compressors (Obsolete)	A	8.625	8.125	4.312				
46279	A-22	Chevrolet Spectrum (87-88), Isuzu I Mark (86-89) (Turbo), Geo Spectrum (89)	A	7.000	4.968	T-.437 B-2.750				
46280	A-20	Ford, GMC Medium Duty Trucks, Buses	A	8.000	12.088	8.705				
46281	A-20	Ford Trucks, GMC Trucks, Buses (81-93)	A	8.000	12.088	6.710				
46282	A-22	Ford Truck L-8000 w/Cat. Eng.	A	7.500	13.836	T-.656 B-7.464				
46283	A-15	(Inner used w/46319)	A	8.062	2.937	T-.500 B-2.468	Packed	1.187	.343	.125
46284	A-23	Nissan Diesel Trucks (81), Nissan Vans (87-90), Nissan Forklifts, Isuzu Trucks	A	6.718	4.968	T-.437 B-2.755				
46285	A-50	Elgin, Pelican Premier Sweepers	AP	2.499	6.000	13.927				
46286	A-89	FWD, IHC, Mack Trucks (Optional Applications)	A	8.093	6.625	T-.900 B-3.250				
46287	A-47	Precleaner Wrap for 46286	WRAP	.500						
46288	A-111	Toyota T100 Truck (93-98)	AP	1.700	7.870	12.200				
46289	A-124	Ford Mustang (94-04), Ford Contour V6 2.5L HO (98-00)	A	7.913	T-5.416 B-6.500	T-CLOSED B-3.232				
46290	A-5	Mercedes (59-76)	A	8.720	5.980	3.460				
46291	A-32	Mercedes 190E, 260E 2.6L Engine (88-92)	A	2.550	T-20.501 B-7.478	T-18.000 B-5.000				
46293	A-48	Dodge Pickups w/5.9L Diesel Eng. (94-95)	AP	2.249	10.750	11.825				
46294	A-59	Allis Chalmers Tractors, Demag Compressors, Deutz Farm Tractors, Eicher Tractors, Fendt Tractors, Liebherr Loaders (Outer used w/46657)	A	8.250	6.500	T-CLOSED B-3.406				
46295	A-21	Dodge Raider (87-88), Mitsubishi Montero (88-89)	A	3.125	9.168	6.801				
46296	A-108	Clark, Gehl, John Deere 430 Garden Tractor	A	8.355	T-5.485 B-2.190	T-CLOSED B-1.820				
46297	A-31	Massey-Ferguson 20, 135 Tractors (Inner used w/42123 or 42076)	A	8.060	T-4.540 B-2.390	T-.410 B-2.000				
46298	A-190	Dodge Pickup w/V-10 8.0L (94-02)	AP	2.260	5.230	13.857				
46299	A-8	Case Loaders	AF	10.500	T-9.937 B-7.937	T-.656 B-5.312				
46300	A-22	Inner used with 46299 (Obsolete)	A	9.250	T-4.609 B-4.545	T-.656 B-3.437				



TECHNICAL DATA

* AF=Air Filter w/Fin; AP=Air Filter Panel; WRAP=Wrap For Air Filter
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46301	A-48	Various GM Cars (94-98)	AP	1.525	6.562	10.760				
46302	A-48	GM Cars & Trucks (94-09)	AP	1.700	7.125	9.365				
46303	A-121	Acura (97-00), Honda (94-97), Isuzu (99-01)	AP	2.008	7.244	11.915				
46305	A-57	Case 380CK Tractor	A	4.750	8.075	T-.250 B-5.770				
46306	A-48	Geo Prizm w/1.6L & 1.8L Eng. (93-97)	AP	1.649	6.725	10.400				
46307	A-15	Allis-Chalmers, I-R, John Deere, Massey Ferguson (Inner used w/42540, 46354, 46379, or 46382)	A	9.125	T-3.343 B-4.171	T-.625 B-2.843				
46308	A-143	Mitsubishi Montero (94-00), Montero Sport (99-04)	AP	1.870	8.814	9.724				
46309	A-20	Caterpillar/Towmotor Lift Trucks	A	5.437	6.843	4.218				
46310	A-22	Industrial Blowers	A	9.500	8.375	T-.656 B-5.750				
46311	A-125	Mann & Hummel	A	8.750	5.875	3.500				
46312	A-21	Vortex Housing (Vortex Filter VF-100D)	A	10.000	7.375	3.500				
46313	A-22	Vibra-Tech Rollers	A	8.937	4.343	T-.437 B-1.970				
46314	A-90	Donaldson Duralite Filter	A	10.880	8.500	T-CLOSED B-3.054				
46315	A-22	Ford Heavy Duty Trucks	A	9.150	9.230	T-.530 B-4.850				
46316	A-48	Chevrolet/GMC Trucks, Vans (93-02)	AP	2.150	7.938	15.970				
46317	A-190	Ford Trucks w/7.3L Diesel Eng. (93-94)	AP	1.648	8.346	10.551				
46318	A-48	Hyundai (96-01)	AP	1.575	7.087	10.236				
46319	A-39	Massey-Ferguson (Outer used w/46283)	A	9.250	T-5.875 B-4.625	T-.500 B-3.000				
46320	A-48	BMW 320i, 325i (92-06)	AP	2.323	7.008	9.508				
46321	A-48	Mercedes C, ML Class Vehicles (94-05)	AP	2.323	8.858	11.575				
46322	A-170	Toyota Rav4 (01-05)	AP	2.055	5.330	14.750				
46323	A-48	Chevrolet Corvette (89-96)	AP	1.530	10.600	17.300				
46324	A-22	Caterpillar 943, 953, 973 Loaders (Round Cab Air)	A	9.500	6.843	T-.687 B-4.218				
46325	A-22	IHC H.D. Trucks w/Caterpillar or Detroit Diesel Engines	A	9.687	5.937	T-.625 B-4.812				
46326	A-22	Mitsubishi Forklifts (Inner used w/46394)	A	9.562	3.260	T-.656 B-2.109				
46327	A-48	Volkswagen (92-02)	AP	2.285	8.975	10.550				
46328	A-85	Mercedes-Benz Trucks + Buses (Obsolete)	A	10.125	T-15.218 B-12.875	T-.531 B-6.687				
46329	A-5	Saab 900, 900S, 900 Turbo (88-91)	A	9.250	5.980	3.440				
46330	A-56	Bomag, Demag, Fendt, Komatsu, VW Eurovan (93-96) (Outer used w/46657)	A	9.375	6.500	T-CLOSED B-3.400				
46331	A-135	Lexus GS 300 (93-97)	AP	2.040	8.267	10.768				
46332	A-90	Air Filter Assembly for Various Equipment.	A	5.880	4.500	T-CLOSED B-1.500				
46333	A-22	Ford Wheel Tractors (Inner used w/42532 or 42533)	A	10.000	2.937	T-.468 B-2.468				
46334	A-21	Ingersoll-Rand Model SSR w/1000 CFM and Up (Obsolete)	A	9.649	14.875	8.125				
46335	A-72	Autocar, Brockway, Diamond T, IHC, Mack Trucks (Optional Applications)	AW	9.625	T-8.312 B-8.062	3.875				
46336	A-72	Element only for 46335 (Obsolete)	A	9.625	T-8.312 B-8.062	3.875				
46337	A-47	Pre-Cleaner Blanket for 46335	WRAP	1.000						
46338	A-113	Dodge Trucks w/Cummins 5.9L Diesel (Late 92-93)	RSA	9.856	8.000	T-CLOSED B-4.200				
46339	A-48	Ford Family of Cars (95-02)	AP	1.671	5.799	12.535				
46340	A-48	Kia Rio (01-05)	AP	1.535	5.688	10.433				
46341	A-22	(Inner used w/46403)	A	9.937	2.968	T-.437 B-1.864				
46342	A-22	Industrial Blowers	A	10.000	8.406	T-.500 B-4.062				

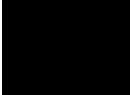
* AP=Air Filter Panel; AW=Air Filter with Wrap; RSA=Radial Seal Air Filter; WRAP=Wrap For Air Filter

° Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46343	A-22	Dodge Trucks w/5.9L Cummins Turbo Diesel Eng. (89-Thur Early 92)	A	9.781	7.875	T-.437 B-4.625				
46344	A-18	Thermo-King SB-1 Refrigeration Units (Outer used w/46345) (Obsolete)	A	10.218	6.000	T-.500 B-3.062				
46345	A-15	(Inner used w/46344)	A	8.750	2.937	T-.500 B-2.468				
46346	A-15	Case, IHC, John Deere, Zetor Tractors (Inner used w/46393 or 46391)	A	10.250	T-3.343 B-4.171	T-.656 B-2.847				
46347	A-25	IHC, Kenworth H. D. Trucks	A	10.430	T-12.010 B-9.210	T-4.850 B-.530				
46348	A-112	Mack DM Series Trucks	RSA	21.460	T-11.250 B-11.000	T-.375 B-5.880				
46349	A-48	Ford Family of Cars (95-02)	AP	1.624	5.826	15.531				
46350	A-22	Ford LT9000 Truck w/Cat 3406 Engine	A	10.500	T-13.884 B-13.845	T-.656 B-7.455				
46352	A-54	Caterpillar 3508, 3512, 3516 Industrial Engines	A	10.437	19.250	T-CLOSED B-12.875				
46353	A-113	Mack Trucks	RSA	25.250	9.250	T-CLOSED B-5.810				
46354	A-22	John Deere JD350C, JD350D, JD355 (Outer used w/46307)	A	10.281	6.085	T-.750 B-3.505				
46355	A-83	Chrysler 440, IHC 446 Industrial Engines w/Impco 225 Propane Carb.	A	10.187	9.558	T-.281 B-5.812				
46356	A-83	Chevrolet, Ford, IHC Stationary Engines w/Impco 125, 425 Propane Carb.	A	10.187	9.625	T-.312 B-5.000				
46357	A-22	GMC Tilt Cab Trks, Isuzu Diesel Engines, Kubota, Nissan	A	10.500	7.935	T-.671 B-5.316				
46358	A-48	Honda Cars (96-00)	AP	1.320	6.560	8.840				
46359	A-13	Caterpillar Equipment (Inner Used w/42378 Outer)	A	10.124	T-6.718 B-3.750	T-CLOSED B-2.625				
46361	A-22	Mitsubishi Forklifts	A	9.578	T-5.327 B-5.250	T-.375 B-3.250				
46362	A-22	Inner used with 46374	A	10.375	3.187	T-.500 B-2.550				
46363	A-22	Nissan UD Trucks	A	10.500	T-8.059 B-7.935	T-.906 B-5.316	Packed	1.500	.843	.208
46364	A-22	Case and David Brown Tractors	A	10.812	6.093	T-.656 B-3.750				
46365	A-54	Cat 3208 Engines	A	10.468	10.375	T-CLOSED B-6.031				
46366	A-54	Caterpillar Loaders (Round Cab Air) 2 Per Change	A	9.500	6.843	T-CLOSED B-4.218				
46367	A-54	GMC Trucks w/ Cat 3208 Engine	A	10.500	10.401	T-CLOSED B-6.035				
46368	A-86	Hitachi Excavators, John Deere Lawn Tractors, Komatsu Fork Lifts (Outer used with 42456)	AF	10.375	T-5.890 B-5.045	T-.687 B-2.468				
46369	A-21	Ingersoll-Rand SSR2000 Compressor	A	5.031	10.937	6.500				
46370	A-59	Towmotor Equipment (Outer used w/42539)	A	10.687	3.562	T-CLOSED B-2.187				
46371	A-15	Case, Minneapolis-Moline, Oliver Tractors (Inner used w/42126 or 42548)	A	11.025	T-3.343 B-3.750	T-.625 B-2.984	Packed	1.250	.546	.125
46372	A-23	Toyota Forklifts	A	11.000	5.249	T-.475 B-2.626				
46373	A-75	Optional Applications on Heavy Duty Construction Equipment	A	11.500	T-6.187 B-5.000	T-.531 B-2.500				
46374	A-8	Toyota Forklifts (Outer used with 46362 inner)	AF	11.281	T-5.249 B-6.375	T-.475 B-3.250				
46375	A-15	Case, Gehl, Hyster Lift Trucks, John Deere, Melroe Bobcat (Inner used w/42126, 46508, 42917 or 42926 outer)	A	11.062	T-3.343 B-4.171	T-.625 B-2.847	Packed	1.250	.546	.125
46376	A-15	Bomag, Case, Fiat-Allis, IHC, JCB, Manitou, M-F, Zetor (Inner used w/46389 or 46442)	A	10.000	T-2.750 B-3.600	T-.660 B-2.400				
46377	A-5	Kohler Power Systems	A	10.900	8.000	5.380				
46378	A-22	Komatsu Equipment (Inner used w/46432)	A	10.749	5.562	T-.625 B-4.203				



TECHNICAL DATA

* AF=Air Filter w/Fin; AP=Air Filter Panel; RSA=Radial Seal Air Filter
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46379	A-86	Massey-Ferguson (Outer used w/46307)	A	11.093	T-8.400 B-7.687	T-.610 B-3.468	Packed	1.250	.546	.125
46380	A-22	(Inner used w/46518)	A	11.375	5.955	T-.656 B-4.835				
46381	A-16	Massey-Ferguson Tractors (Inner used w/46431)	A	11.250	T-2.937 B-2.593	T-.468 B-2.468				
46382	A-25	Massey-Ferguson (Outer used w/46307)	A	11.062	T-8.400 B-7.780	T-.610 B-3.468	Packed	1.250	.546	.125
46383	A-48	Saab (94-03)	AP	2.220	6.250	11.150				
46384	A-33	Saab 9000 (86-98)	A	11.418	4.528	T-CLOSED B-2.768				
46385	A-20	EMD GE Locomotive	A	12.000	8.000	6.125				
46387	A-86	Kubota, Case/IHC, Cub Cadet	AF	7.375	T-4.906 B-4.218	T-.437 B-1.687				
46388	A-48	Honda Cars (96-01), Acura Cars (00)	AP	2.040	7.550	7.850				
46389	A-8	Case, IHC Tractors, JCB, Oliver (Outer used w/46376)	AF	11.281	T-5.249 B-6.375	T-.656 B-3.230				
46390	A-48	Ford Vans w/7.3L Turbo Diesel (95-03)	AP	1.630	6.565	11.275				
46391	A-8	Case Tractors, Massey Ferguson Tractors (Outer used w/46346)	AF	11.437	T-6.093 B-7.687	T-.687 B-3.468				
46392	A-22	Massey-Ferguson Tractors (Inner used w/46504)	A	11.437	T-5.520 B-5.250	T-.335 B-4.125				
46393	A-8	Case, IHC Tractors, DAF Trks (Outer used w/46346)	AF	11.437	T-6.093 B-7.937	T-.688 B-3.468				
46394	A-8	Mitsubishi Forklifts (Outer used w/46326)	AF	11.375	T-5.250 B-6.328	T-.625 B-3.343				
46395	A-128	Honda Accord (95-97), Acura 3.0 CL (97-00)	AP	2.630	6.220	12.441				
46396	A-22	Ingersoll Rand Air Compressors	A	12.000	T-12.500 B-12.468	T-.375 B-7.546				
46397	A-8	Ford 1720, 1910, 1920, 2110, 2120 Tractors	AF	11.281	T-5.249 B-6.375	T-.475 B-2.626				
46398	A-120	Acura Integra (94-01)	A	12.187	5.079	T-CLOSED B-3.346				
46399	A-72	FWD, IHC, Mack Trucks w/Fram Hsg. Element only	A	11.687	9.531	T-CLOSED B-5.062				
46400	A-72	FWD, IHC, Mack Trucks w/Fram Hsg. Complete Unit w/Wrap	AW	11.687	9.550	T-CLOSED B-5.110				
46401	A-47	Precleaner Wrap for 46400	WRAP	.880						
46403	A-22	Case Tractors (Outer used w/46341)	A	11.500	5.249	T-.656 B-3.249	Packed	1.250	.546	.125
46404	A-22	Sullair 185 Compressors	A	11.406	6.687	T-.500 B-3.750	Packed	1.187	.343	.125
46405	A-90	ThermoKing Refrigeration Units	A	11.475	T-6.625 B-2.230	T-CLOSED B-1.930				
46406	A-124	Ford Escort, ZX2 (97-03), Windstar (99-03), Mercury Tracer (97-99)	A	7.898	T-2.922 B-6.866	T-CLOSED B-3.407				
46407	A-123	Ford, New Holland Tractors (Inner used w/46502)	A	11.565	T-3.625 B-4.343	T-.562 B-3.000				
46408	A-22	Massey Ferguson Equipment (Inner used w/46498)	A	11.500	2.912	T-.375 B-1.888				
46409	A-22	IHC 915 Combine (Inner used with 46509)	A	11.612	5.406	T-.625 B-4.125	Packed	1.250	.546	.125
46410	A-22	Case Tractors (Inner used w/46364)	A	9.937	3.703	T-.437 B-2.562				
46411	A-114	Caterpillar Equipment (Inner used w/46591)	RSIA	11.750	T-8.140 B-7.640	T-CLOSED B-6.200				
46412	A-5	Vortex Housings	A	12.120	5.720	4.281				
46413	A-127	Vortex Housings	A	12.000	T-3.750 B-5.750	T-2.687 B-4.400				
46414	A-22	Deutz, M.A.N., Mercedes-Benz, Yale/Towne Equipment (Obsolete)	A	11.750	8.690	T-.414 B-4.600				
46415	A-22	Atlas, Baker Forklifts, Case, Demag, Eicher, Fendt, Komatsu, Nissan Trucks, Towmotor, Other - Outer used w/ 49415 inner	A	11.500	4.955	T-.350 B-2.550				

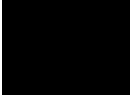
* AF=Air Filter w/Fin; AP=Air Filter Panel; AW=Air Filter with Wrap; RSIA=Radial Seal Inner Air; WRAP=Wrap For Air Filter

° Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46416	A-124	Ford (95-99), Mazda Pickups (95-98)	A	7.898	T-5.040 B-6.866	T-CLOSED B-3.300				
46417	A-92	Ford Trucks w/7.3L Diesel (94-98)	AW	6.037	T-13.997 B-7.147	T-9.666 B-2.816				
46418	A-124	Ford Cars & Trucks (95-13)	A	7.811	T-5.133 B-8.134	T-CLOSED B-4.260				
46419	A-137	Ford Explorer (96-98)	A	5.912	T-5.380 B-6.866	T-CLOSED B-3.260				
46421	A-8	Ford Tractors + Mowers	AF	10.375	T-4.093 B-5.147	T-.475 B-2.475				
46422	A-20	Donaldson ECG10 Housing	A	11.000	8.062	6.062				
46423	A-90	Donaldson ECC10-5004 Complete Unit	A	11.880	10.500	T-CLOSED B-4.000				
46424	A-13	Caterpillar Equipment - (Inner used w/42680)	A	12.000	T-8.665 B-11.375	T-CLOSED B-7				
46425	A-48	Chrysler Family of Cars (95-01)	AP	1.400	7.375	8.859				
46426	A-22	Hino Buses	A	12.750	8.500	T-.875 B-5.390				
46427	A-20	Air Refiner ARH-27 Filter Housings	A	12.000	9.000	6.625				
46428	A-48	Ford Family of Cars (96-99)	AP	1.574	7.106	10.016				
46429	A-114	GMC, Ford, IHC Trucks, John Deere, Other (Inner used w/46433)	RSIA	12.062	T-5.205 B-4.868	T-CLOSED B-3.680				
46430	A-22	ABG Equipment, Atlas Copco, Deutz, Fendt, Iveco, Komatsu, Poclain, Renault, Other - Outer used w/ 49616 inner	A	13.250	5.875	T-.437 B-2.812				
46431	A-18	Massey-Ferguson Tractors (Outer Used w/46381)	A	12.375	T-5.875 B-5.312	T-.500 B-3.250				
46432	A-22	Komatsu Equipment (Outer used w/46378)	A	13.000	9.750	T-.656 B-5.656				
46433	A-113	Various Ford, GM, Sterling Medium-Duty Trks, Kenworth, John Deere, Other (Outer used w/46429)	RSA	12.490	9.330	T-CLOSED B-5.150				
46433FR	A-112	Flame Retardant Version Of 46433	RSA	12.490	9.330	T-CLOSED B-5.150				
46434	A-113	Caterpillar Equip, Towmotor Fork Lifts (Outer used w/46435)	RSOA	6.356	8.000	T-CLOSED B-4.312				
46435	A-114	Caterpillar Fork Lifts (Inner used w/46434)	RSIA	5.562	T-4.046 B-4.231	T-CLOSED B-2.755				
46436	A-8	John Deere Equipment (Outer used w/46437)	AF	7.130	T-4.250 B-3.250	T-2.220 B-.660				
46437	A-15	(Inner used w/42454 or 46436)	A	6.060	T-2.000 B-3.120	T-.660 B-1.51				
46438	A-112	Cat, Komatsu, Kohler, Kubota, Ford/New Holland, John Deere, Vermeer, Yanmar - (Outer used w/42985)	RSOA	10.875	4.160	T-CLOSED B-2.360				
46438FR	A-112	Flame Retardent Version of 46438 - Do not use inner element 42985 with this outer filter.	RSOA	10.938	4.160	T-CLOSED B-2.360				
46440	A-112	Chevy, GMC Pickups (Standard) (96-on)	RSOA	11.122	6.488	T-CLOSED B-3.580				
46441	A-112	Chevy, GMC Pickups (Heavy Duty)(96-on)	RSOA	11.122	7.240	T-CLOSED B-3.580				
46442	A-9	Massey Ferguson Tractors (Outer Used w/46376)	A	11.843	T-7.060 B-5.437	T-.531 B-2.850				
46443	A-111	Honda Accord w/2.3L (98-02)	AP	1.740	6.614	10.768				
46444	A-128	Acura (99-04), Honda (98-02)	AP	2.953	6.417	12.717				
46445	A-75	Mitsubishi FG25 Forklift	A	10.236	T-6.220 B-5.118	T-.625 B-4.016				
46446	A-90	Air Filter Assembly for Various Equipment.	A	5.380	8.500	T-CLOSED B-2.500				
46447	A-54	Various Heavy Duty Trucks	A	13.000	T-13.830 B-13.812	T-CLOSED B-9.468				
46448	A-145	Cub Cadet Lawn Tractor	A	6.020	T-4.090 B-5.280	T-.250 B-1.475				
46449	A-112	Ditchwitch, Briggs&Stratton, John Deere Gators, Mowers, Kawasaki Mules, Komatsu, Other (Outer used w/42845 inner)	RSOA	7.381	3.500	T-CLOSED B-1.824				
46450	A-40	Franklin Logger (Outer used w/46451)	A	13.437	T-10.000 B-9.062	T-CLOSED B-5.687				



TECHNICAL DATA

* AF=Air Filter w/Fin; AP=Air Filter Panel; AW=Air Filter with Wrap; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air
 § Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46451	A-84	(Inner used w/46450)	A	12.625	5.562	T-.500 B-4.437				
46452	A-8	John Deere Tractors/Mowers (Outer used w/ 46453)	AF	8.375	T-4.093 B-5.147	T-.660 B-2.475				
46453	A-31	Inner for 46452	A	7.250	T-2.390 B-4.530	T-.660 B-1.925				
46454	A-22	743 Cummins Gas Engine Used for Irrigation	A	10.000	8.875	T-.437 B-6.000				
46455	A-90	Donaldson ECC085002 Complete Unit.	A	7.880	8.500	T-CLOSED B-2.500				
46456	A-143	Mitsubishi Diamante (97-04)	AP	2.087	8.524	9.882				
46457	A-148	Isuzu Rodeo, Honda Passport L4 2.6L FI (96-97)	AP	2.972	7.590	8.740				
46458	A-112	Ford Louisville Trucks, Sterling A9500, L9500, Silver Star (Radial Seal Outer Air used w/46459)	RSOA	17.360	13.504	T-CLOSED B-8.205				
46459	A-112	(Radial Seal Inner Air used w/46458)	RSIA	16.825	T-7.890 B-8.320	T-CLOSED B-6.120				
46460	A-30	Steiger Tractors	B	4.337	3.690	1 1/8-16				
46461	A-158	Mercedes (91-93)	AP	3.366	13.752	15.413				
46462	A-48	Kia Sephia (98-01), Spectra (00-04)	AP	1.594	6.732	13.386				
46463	A-51	Mazda 626 (98-02)	AP	1.319	6.614	10.512				
46464	A-143	Lexus GS400, LS430 (98-06)	AP	2.165	8.386	9.815				
46465	A-111	Lexus GS300, iS300 (98-05)	AP	2.047	8.189	9.606				
46466	A-8	Deutz-Allis DX Series Tractors (Outer used w/46467)	AF	13.500	T-6.093 B-7.750	T-.656 B-3.468	Packed	1.250	.546	.125
46467	A-15	Deutz-Allis DX Series Tractors (Inner used w/46466)	A	12.187	T-3.343 B-3.750	T-.656 B-2.984				
46468	A-22	John Deere Combines (Cab Filter)	A	7.500	10.875	T-.625 B-6.500				
46469	A-116	Air Filter Assembly for Various Equipment.	A	11.880	10.500	T-CLOSED B-4.000				
46470	A-112	Caterpillar (Outer used w/46471)	RSOA	15.030	14.280	T-CLOSED B-8.980				
46471	A-114	Caterpillar (Inner used w/46470)	RSIA	15.173	T-8.705 B-9.090	T-CLOSED B-6.941				
46472	A-48	Chrysler Family of Cars (98-04)	AP	1.499	7.030	9.518				
46473	A-48	Cadillac (97-99)	AP	1.969	9.724	10.236				
46474	A-113	Caterpillar Equipment (Outer used w/46475)	RSOA	12.356	9.062	T-CLOSED B-4.653				
46475	A-114	Caterpillar Equipment (Inner used w/46474)	RSIA	11.750	T-4.343 B-4.662	T-CLOSED B-2.994				
46476	A-113	Caterpillar Equipment (Outer used w/46477)	RSOA	13.356	11.312	T-CLOSED B-7.188				
46477	A-114	Caterpillar Equipment (Inner used w/46476)	RSIA	13.250	T-6.875 B-7.250	T-CLOSED B-5.275				
46478	A-114	Caterpillar Equipment (Inner used w/46479)	RSIA	12.750	T-5.500 B-5.854	T-CLOSED B-4.244				
46479	A-113	Caterpillar Equipment (Outer used w/46478)	RSOA	13.481	10.875	T-CLOSED B-5.850				
46480	A-86	Toyota Lift Truck	AF	11.500	T-7.750 B-6.300	T-.531 B-2.500				
46481	A-86	Toyota Lift Trucks	AF	11.562	T-7.760 B-6.328	T-.531 B-3.343				
46482	A-5	Various Equipment (Nelson 70459N)	A	11.500	7.880	4.130				
46483	A-149	Denyo, Kubota, Mahindra	A	9.969	4.178	2.510				
46484	A-48	Ford Pickup w/7.3L Diesel (99-00)	AP	2.360	7.040	13.380				
46485	A-75	GMC Heavy Duty Trucks	A	12.062	T-11.850 B-11.062	T-.660 B-7.200				
46486	A-14	Hino Trucks (Inner used w/46524)	A	11.984	T-4.609 B-5.700	T-.656 B-3.500				
46487	A-8	New Holland Equipment	AF	13.440	T-6.090 B-7.810	T-.760 B-3.470				
46488	A-16	Case (Inner used with 46251 outer)	A	12.687	T-4.609 B-5.700	T-.625 B-3.500	Packed	1.250	.546	.125

* AF=Air Filter w/Fin; AP=Air Filter Panel; B=Breather Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46489	A-112	Case, Cat, Grove, Hitachi, John Deere, Kubota, Melroe Bobcat, Other - Flame Retardant (Outer used w/46490 inner)	RSOA	12.250	5.080	T-CLOSED B-3.200				
46490	A-144	(Inner used w/46489)	RSIA	11.990	T-3.105 B-3.320	T-CLOSED B-2.550				
46491	A-22	Massey-Ferguson	A	11.468	3.535	T-.334 B-2.445				
46492	A-112	Cat, Volvo Loaders, Excavators (Outer used w/46729 inner)	RSOA	22.900	12.250	T-CLOSED B-7.070				
46493	A-170	Various Lexus (01-11)	AP	1.968	9.212	11.102				
46494	A-15	Various JCB (Inner used w/46526)	A	12.000	T-2.687 B-3.562	T-.656 B-2.406				
46495	A-22	John Deere Tractors (Outer used w/42632 inner)	A	12.500	5.249	T-.656 B-3.250				
46496	A-136	Kubota Tractors	A	10.250	T-5.890 B-4.085	T-.250 B-2.527				
46497	A-136	Challenger, Massey Ferguson Tractors - Outer used w/ 49291 inner	A	10.250	T-5.890 B-4.085	T-.531 B-2.527				
46498	A-39	Massey Ferguson Tractors (Outer used w/46408)	A	12.500	T-5.860 B-5.218	T-.375 B-2.984				
46499	A-168	Honda Insight 1.0 Vtec Engine (00-06)	AP	1.220	5.624	10.669				
46500	A-22	Bluebird TC-2000 School Bus w/5.9L Cummins Eng.	A	12.375	9.218	T-.675 B-4.894				
46501	A-22	Caterpillar Crawlers (Round Cab Air)	A	12.281	6.843	T-.660 B-4.218				
46502	A-122	Ford, New Holland Tractors (Outer used w/46407)	A	13.120	T-8.045 B-7.437	T-.562 B-3.750				
46503	A-48	Chev. Cavalier, Pontiac Sunbird (99-05)	AP	1.800	6.100	7.750				
46504	A-39	Massey-Ferguson Tractors (Outer used w/46392)	A	12.625	8.312	T-.375 B-5.312				
46505	A-22	Case Farm Tractors (Outer used w/42683)	A	12.500	10.401	T-.875 B-6.035				
46506	A-75	GMC Tilt-Cab Trks, Isuzu NPR, Mitsubishi Fuso	A	13.500	T-10.468 B-8.718	T-.875 B-5.343				
46507	A-112	IHC Trucks	RSA	23.260	9.330	T-.500 B-5.150				
46508	A-22	John Deere JD540D, JD548D Skidders (Outer used w/46375)	A	13.375	7.312	T-.375 B-4.000				
46509	A-22	IHC 915 Combine (Outer used with 46409)	A	12.875	10.000	T-.375 B-5.000	Packed	1.187	.343	.125
46510	A-59	Allis-Chalmers, Deutz Tractors (outer used w/ 49511 inner)	A	13.000	6.500	T-CLOSED B-3.406				
46511	A-13	Caterpillar Equipment (Inner used w/42047) Radial Seal Version 46475	A	12.092	T-7.312 B-4.750	T-CLOSED B-3.656				
46512	A-15	Massey-Ferguson 1100, 1300 Tractors (Inner used w/42765) (Obsolete)	A	12.500	T-4.140 B-3.360	T-2.900 B-.660				
46513	A-141	Caterpillar Forklifts w/ Mitsubishi Engines	A	9.040	T-6.100 B-4.245	T-CLOSED B-2.260				
46514	A-22	Case, Daewoo, John Deere, Kobelco, Komatsu Excavators, Other (Inner used w/42868 or 42321)	A	13.000	3.343	T-.625 B-2.250				
46515	A-22	ABG Equip, Atlas Copco, Bomag, Case, DAF, Demag, Fendt, Iveco, John Deere, Komatsu, Volvo, Other (Outer used w/46519 or 46532)	A	13.912	6.500	T-.343 B-3.406				
46516	A-15	Case, Poclain Equip. (Inner used w/46555)	A	13.093	T-4.100 B-4.840	T-.660 B-4.500				
46517	A-31	Case, Gehl, Koehring, New Holland, Other (Inner used w/42489)	A	13.188	T-2.375 B-4.625	T-.660 B-2.000				
46518	A-22	Gardner Denver, John Deere Graders (Outer used w/46380)	A	13.500	10.375	T-.656 B-6.031				
46519	A-123	John Deere Tractors (Inner used w/46515)	A	9.252	T-3.346 B-4.060	T-CLOSED B-2.980				
46520	A-16	Case 1866, 1896, 2096 Tractors (Inner used with 46601)	A	13.500	T-4.093 B-4.656	T-.625 B-3.640	Packed	1.250	.546	.125
46521	A-8	Case Tractors, DAF (Outer used with 46488)	AF	13.562	T-7.937 B-9.937	T-.656 B-5.296				

TECHNICAL DATA

* AF=Air Filter w/Fin; AP=Air Filter Panel; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46522	A-15	Allis-Chalmers, Case, Caterpillar, Fiat-Allis, IHC, JCB, Koehring, Massey Ferguson, New Holland (Inner used w/46613, 46625, 46683, 46801 or 42321)	A	14.047	T-3.343 B-4.171	T-.625 B-2.847	Packed	1.250	.546	.125
46523	A-18	Massey-Ferguson MF298, MF698 (Outer used w/46491) (Obsolete)	A	12.625	T-7.639 B-6.703	T-.375 B-3.609				
46524	A-75	Hino Trucks (Outer used w/46486)	A	13.500	T-9.218 B-7.390	T-.687 B-4.718				
46525	A-123	(Inner used w/46554)	A	14.650	3.543	T-CLOSED B-.689				
46526	A-8	Various JCB (Outer used w/46494)	AF	13.875	T-6.843 B-6.328	T-.500 B-2.781				
46527	A-133	John Deere Tractors (Outer used w/46528)	AF	12.267	T-7.312 B-9.269	T-CLOSED B-3.606				
46528	A-134	Inner Element for 46527	A	5.195	T-5.045 B-7.830	T-CLOSED B-3.625				
46529	A-22	Sullair Air Compressors	A	14.062	8.500	T-.375 B-4.062				
46530	A-39	Ford Tractors, I-R, New Holland (Outer used w/46531)	A	15.375	T-7.440 B-6.690	T-.437 B-3.750				
46531	A-22	(Inner used w/46530)	A	13.812	T-3.625 B-3.562	T-.437 B-3.000	Packed	1.187	.343	.125
46532	A-123	ABG, Bomag, Demag, Case, Fendt, Iveco, Komatsu, MAN, Nissan, Volvo (Inner used w/46515)	A	13.470	T-3.750 B-3.230	T-.660 B-2.670				
46533	A-54	Ford Trucks	A	13.500	13.843	T-CLOSED B-7.437				
46534	A-73	Ford, New Holland Tractors (Inner used w/42533)	A	13.380	2.940	T-.453 B-2.380				
46537	A-8	John Deere, Hesston Tractors (Outer used w/46538)	AF	13.440	T-6.090 B-7.810	T-.687 B-3.470				
46538	A-15	(Inner used w/46537)	A	12.000	T-3.440 B-4.070	T-.660 B-2.890				
46539	A-22	IHC/Dresser Dozer, Hyundai, Komatsu (Inner used w/46566)	A	14.250	4.125	T-.625 B-3.000				
46540	A-85	Deutz, Fendt, Iveco, M.A.N.Trks, Mercedes-Benz, Volvo (Outer used w/46669)	A	15.125	T-10.937 B-8.812	T-.531 B-4.615				
46541	A-22	ABG, Atlas Copco, Bomag, DAF, Deutz, ERF, Fendt, Iveco, Mercedes Benz, Volvo (Outer used w/46669)	A	15.000	8.937	T-.437 B-4.625				
46542	A-22	IHC/Dresser Equip, Komatsu (Outer used w/46543)	A	14.625	7.343	T-.375 B-4.000				
46543	A-22	(Inner used w/46542)	A	12.031	3.875	T-.656 B-2.505				
46544	A-22	Chev/GMC Trks, Clark, Isuzu, Iveco, Kobelco, John Deere, Timber Jack, Hitachi, Mitsubishi Fuso, Nissan, Other (Outer used w/46545)	A	15.500	10.841	T-.906 B-6.519				
46545	A-22	Chev/GMC Trks, Clark, Isuzu, Kobelco, Hitachi, John Deere, Komatsu, Nissan, Timber Jack, Other (Inner used w/46544)	A	14.500	6.410	T-.656 B-5.280				
46546	A-75	Atlas-Copco, MAN Trks, M-F Tractors	A	14.812	T-9.718 B-7.843	T-.437 B-4.062				
46547	A-22	Various Volvo Trks + Buses	A	14.660	12.204	T-.437 B-7.873				
46548	A-86	John Deere (Outer used w/46549)	AF	14.750	T-8.375 B-7.750	T-.593 B-3.468				
46549	A-15	(Inner used w/46548)	A	13.062	3.750	T-.656 B-2.984				
46550	A-22	IHC Trucks (Inner used w/42982)	A	14.375	7.193	T-.687 B-5.650				
46551	A-20	Mack Trucks (Outer used w/46552)	A	15.000	10.406	6.030				
46552	A-20	Mack Trucks (Inner used w/46551)	A	12.000	10.430	6.952				
46553	A-22	Ford F600/800 Truck (1991-97)	A	14.000	7.343	T-.390 B-5.375				
46554	A-22	Atlas-Copco Compressors, Daf, Mercedes Trucks, Poclain Shovels, Volvo Equipment (Outer used w/46525)	A	14.875	7.785	T-.312 B-4.125				
46555	A-8	Various Case, Poclain (Outer used w/46516)	AF	14.500	T-6.843 B-8.687	T-.625 B-4.218				

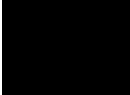
* AF=Air Filter w/Fin

° Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46556	A-113	Freightliner, IHC, Volvo/White, Sterling Trks (Outer used w/46628)	RSOA	14.860	13.080	T-CLOSED B-6.707				
46557	A-26	IHC Tractors (Outer used w/42679)	A	15.375	6.854	T-CLOSED B-3.453				
46558	A-114	John Deere (Inner used w/46605)	RSIA	15.000	T-5.205 B-4.868	T-CLOSED B-3.680				
46559	A-22	John Deere Tractors (Inner used w/46703)	A	14.812	5.687	T-.500 B-4.484				
46560	A-15	(Inner used w/46561 or 42522)	A	15.062	T-4.093 B-4.718	T-.625 B-3.640	Packed	1.250	.546	.125
46561	A-22	Caterpillar, Fiat-Allis, Liebherr, M-F, Trojan (Outer used w/46560)	A	16.375	7.650	T-.625 B-4.281				
46562	A-112	Atlas-Copco, Case, Cat, I-R, John Deere, M-F, New Holland, Other (Outer used w/46569)	RSOA	13.980	6.380	T-CLOSED B-3.580				
46563	A-22	Allis Chalmers, Case, Steiger (Inner used w/46710)	A	15.500	5.562	T-.625 B-4.437				
46564	A-18	Ingersoll Rand Air Compressors (Outer used w/46565)	A	15.531	T-14.500 B-13.812	T-.875 B-9.500				
46565	A-22	(Inner used w/46564)	A	14.500	8.665	T-.875 B-7.045				
46566	A-8	Hyundai Excavators, IHC/Dresser, Komatsu (Outer used w/46539)	AF	15.375	T-6.843 B-8.718	T-.625 B-4.218	Packed	1.250	.546	.125
46567	A-8	Optional on Heavy Duty Construction Equipment	AF	15.375	T-5.250 B-6.328	T-.625 B-2.781				
46568	A-22	Gardner-Denver Compressors (Outer used w/42648)	A	15.250	8.500	T-.406 B-5.390				
46569	A-144	Inner used w/46562 or 49993 outer	RSIA	13.370	T-3.425 B-3.622	T-CLOSED B-2.893				
46570	A-49	Caterpillar (Panel Air for Tractor Cabs)	AP	2.230	6.000	23.500				
46571	A-49	Caterpillar (Panel Air for Tractor Cabs)	AP	2.230	6.000	25.500				
46572	A-49	Egging, Fiat-Allis (Panel Air for Tractor Cabs)	AP	2.230	6.500	23.500				
46573	A-112	Chev & GMC Vans (01-13)	RSOA	13.125	5.400	T-CLOSED B-3.320				
46574	A-49	Allis-Chalmers, Fiat-Allis - Cab air	AP	2.230	6.500	28.000				
46575	A-49	IHC Construction Equipment (Panel Air for Tractor Cabs)	AP	2.230	B-18.187	18.187				
46576	A-49	Caterpillar Equipment (Air Conditioning Panel Air)	AP	2.230	5.375	18.500				
46577	A-38	Caterpillar 931, 935 Loaders (Panel Air for Tractor Cabs)	AP	2.190	8.000	16.000				
46578	A-49	Trojan (Cab Panel Air)	AP	2.230	10.000	17.000				
46579	A-45	Allis-Chalmers Tractors	AP	2.230	7.000	26.000				
46580	A-37	Caterpillar Stationary Engines + Generators - if wrap required, use 49580	AP	5.500	15.000	15.000				
46581	A-113	Champion buses, Freightliner Trucks	RSA	14.750	9.165	T-CLOSED B-5.271				
46582	A-50	Caterpillar D9, D10, D11 Crawlers - Cab Panel	AP	2.190	5.375	26.000				
46583	A-38	Allis-Chalmers 190, 190XT (Panel Air for Cabs)	AP	2.230	11.000	11.000				
46584	A-50	Ford, New Holland Tractors	AP	2.745	6.250	26.875				
46585	A-50	Caterpillar Equipment	AP	1.290	7.000	8.950				
46586	A-49	Caterpillar Equipment (Panel Air For Tractor Cabs)	AP	.937	7.093	23.500				
46588	A-49	Case, Case-IH Tractors (Panel Air for Tractor Cabs)	AP	2.230	7.000	38.000				
46589	A-114	Caterpillar Equipment (Inner used w/46593, 46742)	RSIA	15.250	T-7.640 B-8.140	T-CLOSED B-6.200				
46590	A-50	Massey-Ferguson Tractors (Cab Air)	AP	2.120	5.970	30.000				
46591	A-113	Caterpillar Equipment (Outer used w/46411)	RSOA	15.500	12.500	T-CLOSED B-8.210				
46593	A-113	Caterpillar Equipment (Outer used w/46589)	RSOA	15.356	12.500	T-CLOSED B-8.210				
46594	A-54	M.A.N. Buses & Trucks	A	15.062	T-8.937 B-8.925	T-CLOSED B-4.570				
46595	A-114	Caterpillar, Komatsu, Other (Inner used w/46607)	RSIA	15.970	T-5.500 B-5.854	T-CLOSED B-4.244				
46596	A-20	Volvo/White Trucks	A	16.000	12.093	7.718				



TECHNICAL DATA

* AF=Air Filter w/Fin; AP=Air Filter Panel; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46597	A-49	Wabco, Stople (Panel Filter)	AP	2.230	11.000	26.000				
46598	A-22	Leroi, Massey-Ferguson (Outer used w/46599)	A	15.690	11.500	T-.391 B-7.000				
46599	A-22	(Inner used w/46598)	A	14.190	6.880	T-.640 B-5.420				
46600	A-75	Case, Cat, Daewoo, Hitachi, Kobelco, Komatsu (Outer used w/42924)	A	15.500	T-9.218 B-7.390	T-.687 B-4.718				
46601	A-22	Case 1866, 1896, 2096 Tractors (Outer used w/ 46520)	A	15.375	7.937	T-.625 B-4.562	Packed	1.250	.546	.125
46602	A-67	White Trucks	A	15.468	T-16.187 B-13.845	T-CLOSED B-7.455				
46603	A-132	BlueBird Buses, ERF Trucks	A	15.125	T-6.000 B-7.025	T-.625 B-3.609				
46604	A-22	Gardner Denver, Joy Air Compressors	A	15.125	9.558	T-.375 B-4.125				
46605	A-113	John Deere Tractors (Outer used w/46558)	RSOA	15.375	9.165	T-CLOSED B-5.271				
46606	A-8	Demag, Fiat-Allis, Komatsu, Massey-Ferguson, New Holland, Poclair, Other (Outer used w/ 42679)	AF	15.375	T-6.328 B-5.250	T-.625 B-3.375				
46607	A-113	Barber-Green Pavers, Caterpillar, Freightliner, John Deere, Komatsu (Outer used w/46595 or 49860 inner)	RSOA	16.450	10.965	T-CLOSED B-5.796				
46609	A-25	Mack Trucks	A	15.562	T-9.750 B-8.687	T-.625 B-5.218				
46610	A-39	Ford Wheel Tractors	A	16.375	T-10.066 B-9.066	T-.500 B-5.687				
46611	A-8	Caterpillar Forklifts DP60, DP70	AF	15.230	T-6.085 B-7.812	T-.625 B-3.505				
46612	A-22	Case 1090 Tractors	A	14.375	6.687	T-.375 B-4.375				
46613	A-8	JCB Equipment (Outer used w/46522)	AF	15.578	T-7.804 B-8.157	T-.531 B-4.562				
46614	A-30	Hyster Forklift - Spin-on Breather	B	3.404	T-2.921 B-2.923	18 X 1.5MM	Attached	2.734	2.430	.190
46615	A-22	IHC Trucks (Inner was used w/46750) (Obsolete)	A	16.375	8.250	T-.875 B-7.062				
46616	A-22	Agco, Allis-Chalmers, Ford, White Tractors (Outer used w/46681 or 42920)	A	16.375	7.937	T-.656 B-5.296	Packed	1.250	.546	.125
46617	A-56	White/Volvo and Autocar Trucks - Outer used w/ Volvo #V1114450 inner	A	16.750	12.750	T-CLOSED B-8.375				
46618	A-18	Minneapolis-Moline G-1355, A4T1600 Tractors (Outer used with 46681)	A	17.020	T-8.680 B-7.630	T-.660 B-4.290				
46619	A-22	Various Case (Outer used w/46631)	A	16.500	9.906	T-.656 B-6.046				
46620	A-22	Kobelco, Komatsu (Outer used w/42602)	A	15.500	9.625	T-.625 B-5.250				
46621	A-59	White 4-150, 4-180 Tractors (Outer used w/ 46622)	A	16.500	9.625	T-CLOSED B-6.187				
46622	A-22	Inner used with 46621	A	14.467	6.124	T-.468 B-4.980				
46623	A-39	MCI Buses	A	15.875	T-15.500 B-15.100	T-.750 B-8.687				
46624	A-20	Freightliner and White Trucks	A	16.000	12.094	6.705				
46625	A-25	Hitachi, Liebherr, Massey Ferguson (Outer used w/46522)	A	15.500	T-8.400 B-7.000	T-.610 B-3.468				
46626	A-112	Case, Cat, John Deere, Hitachi, Kobelco (Outer used w/46640)	RSOA	14.060	8.180	T-CLOSED B-4.820				
46627	A-22	Komatsu Equipment (Inner used w/46749)	A	16.312	5.250	T-.656 B-4.125				
46628	A-114	Volvo/White Trucks (Inner used w/46556)	RSIA	14.500	T-6.468 B-6.769	T-CLOSED B-5.275				
46629	A-13	Caterpillar, Challenger (Inner used w/42045) Radial Seal Version is 46595	A	16.171	T-6.281 B-9.060	T-CLOSED B-4.625				
46630	A-22	Agco, Cat, Hough, Komatsu, Massey Ferguson, White Tractors (Outer used w/46631, 46657 or 42628).	A	16.500	10.401	T-.656 B-6.035				

* AF=Air Filter w/Fin; AP=Air Filter Panel; B=Breather Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air

° Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46631	A-22	Inner used w/46630 or 46619	A	14.377	5.955	T-.656 B-4.835				
46632	A-49	Caterpillar Equipment (Cab Panel)	AP	2.500	6.000	23.500				
46633	A-67	Volvo/White Trucks	A	16.187	T-16.187 B-13.843	T-CLOSED B-7.437				
46634	A-159	Air Filter Assembly for Various Equipment	A	12.380	8.500	T-CLOSED B-3.000				
46635	A-126	Elgin Sweeper	A	15.375	6.093	T-CLOSED B-3.468				
46636	A-12	Komatsu (Inner used w/42730) (Obsolete)	A	16.468	T-4.125 B-6.718	T-CLOSED B-2.875				
46637	A-159	Donaldson ECB Series - Air Filter Assembly for Various Equipment	A	12.380	8.500	T-CLOSED B-4.000				
46638	A-25	Hesston 100-90, 100-90DT Tractors	A	13.500	T-8.400 B-7.000	T-3.468 B-.625				
46639	A-90	Air Filter Assembly for Various Equipment.	A	12.380	12.500	T-CLOSED B-5.000				
46640	A-144	Hitachi Excavators (Inner used w/46626)	RSIA	14.005	T-4.950 B-4.630	T-CLOSED B-4.100				
46641	A-1	Lister Petter Engines	A	2.520	5.787	4.173				
46642	A-22	Agco, Cat, Deutz, Iveco, Volvo, Other (Outer used w/46643 or 42920)	A	16.375	9.250	T-.656 B-4.843				
46643	A-14	(Inner used w/46642)	A	15.687	T-4.609 B-5.687	T-.625 B-3.500				
46644	A-127	Bedford, Foden, ERF Trucks	A	19.500	T-7.940 B-9.850	T-.690 B-6.250				
46645	A-48	Mercedes CL & S Class V12 Eng (01-04)	AP	1.540	8.125	10.125				
46646	A-48	Toyota Echo (00-05), Scion xA, xB (04-06)	AP	2.047	4.744	9.803				
46647	A-112	Nissan UD Truck Series	RSA	14.730	10.850	T-CLOSED B-6.830				
46648	A-48	Ford F-Series PU w/7.3L Diesel (99-00) - 2" Pleat (Can use 46728 which has 3" pleat)	AP	2.295	7.229	13.351				
46649	A-72	HD Two Stage Filter used on Optional Applications (Element Only for 46650)	A	16.062	12.500	T-CLOSED B-7.812				
46650	A-72	H. D. Two Stage Filter Complete w/Precleaner Outer Wrap	AW	16.060	12.440	T-CLOSED B-7.910				
46651	A-47	Outer Precleaner Outer Wrap only for 46650	WRAP	.880						
46652	A-112	New Holland, Ford, MF Tractors (Outer used w/46672)	RSOA	12.670	5.440	T-CLOSED B-3.190				
46653	A-193	Cadillac CTS (03-07)	AP	1.250	10.700	12.750				
46654	A-37	Iveco, Liebherr, Solar Industrial Turbine Engines - Dry Environments	AP	5.687	19.500	19.500				
46656	A-81	Waukesha Industrial Naturally Aspirated VC, VHP Engines	AP	5.500	19.500	19.500				
46657	A-163	(Inner used w/46294 or 46330)	A	7.520	3.346	T-CLOSED B-.323				
46658	A-81	Waukesha Industrial Turbocharged VC, VHP Engines	AP	6.125	19.500	25.500				
46660	A-22	Ford, New Holland Tractors (Outer Used w/46925)	A	16.000	9.875	T-.625 B-6.000				
46661	A-22	(Inner used w/42735)	A	14.750	5.950	T-.625 B-4.832				
46662	A-112	Case Equipment (Outer used w/46663)	RSOA	15.325	5.360	T-CLOSED B-3.250				
46663	A-144	Inner used w/ 46662 or 49437 outer	RSIA	14.650	T-3.185 B-3.320	T-CLOSED B-2.550				
46664	A-113	John Deere Tractors, GMC Tilt Cab Trks, Kenworth, Sterling (Outer used w/46665)	RSOA	15.500	11.000	T-CLOSED B-6.000				
46664FR	A-113	Flame retardant version of 46664	RSOA	15.500	11.000	T-CLOSED B-6.000				
46665	A-144	Inner used w/46664 outer	RSIA	15.080	T-5.600 B-5.940	T-CLOSED B-4.310				
46667	A-48	Cadillac Catera (00-01)	AP	2.244	9.606	10.354				
46669	A-155	ABG Construction Equipment, Volvo-Mercedes Trucks (Inner used w/46540 or 46541)	A	14.961	T-4.375 B-4.765	T-.669 B-4.134				

TECHNICAL DATA

* AP=Air Filter Panel; AW=Air Filter with Wrap; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air; WRAP=Wrap For Air Filter
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46670	A-90	Volvo Penta Marine Engines	A	12.560	T-7.718 B-4.221	T-CLOSED B-4.015				
46671	A-112	Case, Ditchwitch, I-R, Fiat Bobcat, Sullair, Vermeer, Other (Outer used w/46672)	RSOA	12.986	5.360	T-CLOSED B-3.250				
46672	A-144	(Inner used w/46671 or 46652)	RSIA	12.630	T-3.070 B-3.320	T-CLOSED B-2.550				
46673	A-169	VariousToyota (02-13), Lexus (02-09)	AP	1.640	7.500	12.500				
46674	A-48	Hyundai Accent (00-06)	AP	1.575	6.614	9.744				
46675	A-54	Volvo/White Trucks	A	16.000	13.830	T-CLOSED B-9.468				
46676	A-22	Torit Dust Collectors	A	16.500	7.937	T-.500 B-3.593				
46677	A-112	Dodge Stratus (01-06), Chrysler Sebring (01-06)	RSA	6.250	4.965	T-CLOSED B-3.330				
46678	A-48	Chev/GMC Trucks w/ 6.6L Duramax Diesel (01-05)	AP	2.375	9.750	12.250				
46679	A-115	Donaldson Applications	A	9.880	8.750	T-CLOSED B-3.000				
46680	A-25	Oliver, M-F, Minn.-Moline Tractors (Outer used w/46681)	A	17.000	T-8.680 B-7.630	T-CLOSED B-4.290				
46681	A-15	(Inner used w/46680, 46616 or 46618)	A	14.687	T-4.093 B-4.702	T-.625 B-3.640	Packed	1.250	.546	.125
46682	A-22	Torit Dust Collectors	A	26.500	T-12.781 B-12.687	T-.500 B-8.375				
46683	A-86	Agco, Case, I-R, Komatsu, JCB, New Holland, Poclain, White Tractors, Other (Outer used w/46522)	AF	15.480	T-8.386 B-7.855	T-.375 B-3.484				
46684	A-22	Komatsu Dozers (Outer used w/46685)	A	16.812	8.468	T-4.218 B-7.718				
46685	A-22	(Inner used w/46684)	A	15.500	4.125	T-.625 B-3.000				
46686	A-73	AGCO, Oliver, White Tractors (Outer used w/46687)	A	15.500	9.910	T-CLOSED B-6.380				
46687	A-22	(Inner used w/46686)	A	13.375	5.950	T-.660 B-5.000				
46689	A-37	Various Caterpillar Equipment	AP	2.187	12.000	12.875				
46690	A-40	Case/IHC Farm Equipment (Outer used w/42758)	A	16.499	T-10.000 B-9.021	T-CLOSED B-5.719				
46691	A-157	Various John Deere	AP	2.470	5.020	14.625				
46692	A-27	Flxible Buses	A	17.062	13.812	T-CLOSED B-9.468				
46693	A-22	Hitachi, John Deere, Liebherr, M-F (Inner used w/42735, 49061)	A	15.450	5.945	T-.669 B-4.843				
46694	A-22	Ford L Series Trucks w/6.6L & 7.8L Diesel Engines	A	16.500	10.401	T-.656 B-6.035				
46695	A-50	Various John Deere Equipment	AP	1.187	5.000	16.500				
46696	A-50	FMC Equipment (Cab Panel Air)	AP	2.605	6.000	30.000				
46697	A-50	Ford Tractors	AP	4.000	3.187	19.250				
46698	A-22	John Deere, Renault, Volvo Trks (Outer used w/42209)	A	16.750	12.093	T-.687 B-7.718				
46699	A-48	Chrysler PT Cruiser (01-05)	AP	1.535	7.441	10.054				
46700	A-50	Caterpillar Dozers - Panel Air Vent for Cab	AP	2.605	6.000	21.250				
46701	A-113	Caterpillar Excavators, Hino Trks (Outer used w/46702)	RSOA	13.504	9.330	T-CLOSED B-5.150				
46702	A-139	Inner used w/46701	RSIA	12.736	T-4.984 B-5.299	T-CLOSED B-3.701				
46703	A-22	John Deere 4000 Series Tractors (Outer used w/46559)	A	17.173	T-9.048 B-9.062	T-.437 B-5.800	Packed	1.187	.343	.125
46704	A-22	White Farm Tractors (Outer used w/ 46705 inner)	A	17.500	9.062	T-.875 B-5.375				
46705	A-22	Inner used with 46704	A	15.437	5.250	T-.625 B-4.125				
46706	A-50	John Deere, Hitachi - Cabin Air	AP	2.563	8.375	17.125				
46707	A-22	Mitsubishi Fuso Trucks	A	17.625	9.125	T-.937 B-5.781				

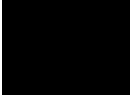
* AF=Air Filter w/Fin; AP=Air Filter Panel; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air

° Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46708	A-112	I-R, Komatsu, JCB, Liebherr, New Holland Applications (Outer used w/46766)	RSOA	16.140	8.190	T-CLOSED B-4.330				
46710	A-22	Allis Chalmers, Case, Kobelco, Stieger, Other (Outer used w/46563)	A	17.500	9.223	T-.660 B-5.875				
46711	A-22	IHC/Dresser Graders, Komatsu (Inner used w/46734)	A	17.500	6.410	T-.656 B-5.280	Packed	1.250	.546	.125
46712	A-22	John Deere Excavators (Outer used w/46713)	A	18.500	9.125	T-.906 B-5.775				
46713	A-18	(Inner used w/46712)	A	17.500	5.700	T-.656 B-4.575				
46714	A-59	IHC Crawlers, Payloaders, Elgin Sweepers (Outer used w/46715) (Obsolete)	A	17.325	T-6.593 B-6.578	T-CLOSED B-3.812				
46715	A-73	(Inner used w/46714)	A	16.084	3.758	T-CLOSED B-2.500				
46716	A-22	IHC Trucks	A	17.750	12.093	T-.627 B-7.718				
46718	A-22	Inner used w/ Komatsu # 6675817020 Outer	A	17.062	5.093	T-.406 B-3.812				
46719	A-75	Mitsubishi Fuso Trucks	A	17.375	T-10.468 B-8.718	T-.875 B-5.343				
46720	A-22	Cummins V-12 Engines	A	18.500	13.884	T-.660 B-7.416				
46721	A-56	Caterpillar Crawlers, Excavators (Outer used w/46724)	A	18.500	14.250	T-CLOSED B-9.937				
46722	A-22	Case, Cat, Hino, Hitachi, Komatsu, Kobelco, Kawasaki, Ingersoll-Rand, Mit. Fuso, Volvo (Outer used w/46723 or 46738)	A	18.500	9.125	T-.906 B-5.781				
46723	A-22	Inner used w/46722 or 46738	A	17.500	5.718	T-.625 B-4.562				
46724	A-13	Caterpillar (Inner used w/46721)	A	18.150	T-9.800 B-12.100	T-CLOSED B-8.187				
46725	A-52	Caterpillar Crawlers, Pipelayer (Outer used w/42681, Radial Seal Version 46742)	A	19.000	12.500	T-CLOSED B-9.113				
46726	A-172	Freightliner, IHC, Iveco, Peterbilt Trucks	A	18.500	T-16.187 B-13.812	T-CLOSED B-9.468				
46727	A-22	Hino Trucks	A	18.700	9.210	T-.650 B-4.840				
46728	A-48	Ford Pickup, Excursion w/ 7.3L Diesel (00-03) - High Capacity - 3" Pleat	AP	3.295	7.229	13.351				
46729	A-144	Astra Dumpers, New Holland Combines, Foragers, Harvesters, Volvo Equipment & Trucks (Inner used w/46492 or 49249 outer)	RSIA	22.125	T-6.900 B-7.090	T-CLOSED B-5.500				
46730	A-10	Detroit Diesel, Grove Cranes, Oil Drilling Rigs	AF	18.500	T-15.765 B-13.843	T-.656 B-9.437				
46731	A-90	Gehl, John Deere, New Idea Equipment; Tymco Sweepers	A	4.380	8.500	T-CLOSED B-3.000				
46732	A-115	Pierce Arrow Fire Truck	A	25.600	13.500	6.780				
46733	A-58	Volvo Trucks	A	20.375	7.874	T-.437 B-4.528				
46734	A-22	IHC/Dresser Graders, Komatsu (Outer used w/46711)	A	18.500	10.841	T-.906 B-6.519				
46735	A-112	DAF Trucks	RSA	19.906	11.031	T-CLOSED B-5.844				
46736	A-18	Caterpillar Trucks, Equipment (Outer used w/42132)	A	18.524	T-14.206 B-13.830	T-.906 B-9.480	Packed	1.500	.843	.208
46737	A-60	Leyland and Other European Equipment	A	18.375	T-7.169 B-8.265	T-.656 B-4.718				
46738	A-18	Ford Tractors, Komatsu Equipment (Inner used w/46722 or Outer used w/46723)	A	18.000	9.125	T-.531 B-5.812				
46739	A-22	Massey Ferguson MF4800, MF4840 Tractors (Inner used w/46783)	A	19.000	6.812	T-.687 B-5.437				
46740	A-67	Volvo/White Trucks	A	18.562	T-16.187 B-12.750	T-CLOSED B-7.375				
46741	A-22	Atlas-Copco, Demag, Iveco, MAN Mercedes Trks, Volvo Equip.	A	18.500	11.875	T-.531 B-7.531				
46742	A-113	Caterpillar Equipment (Outer used w/46589)	RSOA	18.856	12.500	T-CLOSED B-8.210				



TECHNICAL DATA

* AF=Air Filter w/Fin; AP=Air Filter Panel; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46743	A-90	Farr Eco SE Series	A	14.200	T-6.750 B-3.620	T-CLOSED B-3.000				
46744	A-113	Case, Champion, Freightliner, Ford, Doosan, Detroit Diesel Series 50, John Deere, Komatsu, Sterling (Outer used w/46782 or 49137)	RSOA	18.885	T-9.042 B-9.130	T-CLOSED B-5.150				
46745	A-113	IHC Trucks, John Deere (Outer used w/ 46983 inner)	RSOA	18.125	12.900	T-CLOSED B-6.707				
46746	A-113	Caterpillar Equipment (Outer used w/46747)	RSOA	18.350	14.125	T-CLOSED B-9.030				
46747	A-114	(Inner used w/46746)	RSIA	18.090	T-8.882 B-9.016	T-CLOSED B-7.008				
46748	A-115	Farr ECO-SE Side Inlet (Light & Medium) (housing + element as one unit)	A	19.350	10.060	T-5.620 B-6.000				
46749	A-75	Hino, Komatsu, Kobelco Equipment (Outer used w/46627 or 42383)	A	18.000	T-10.500 B-8.750	T-.900 B-5.375				
46750	A-67	IHC Trucks (Outer was used w/46615 now Obsolete)	A	19.500	T-16.187 B-12.687	T-CLOSED B-8.375				
46751	A-43	Farr UHD Systems	AP	8.250	19.500	25.590				
46753	A-172	Cummins KT, KTA, KTTA & VTA Generator Sets	A	18.492	T-16.406 B-13.831	T-CLOSED B-9.480				
46754	A-112	John Deere Loaders & Toolcarriers	RSOA	11.375	6.375	T-CLOSED B-3.820				
46755	A-90	Farr ECO-SE Air Housings(Light & Medium)	A	20.200	T-9.670 B-10.060	T-CLOSED B-4.875				
46756	A-22	Industrial Blowers	A	20.500	12.093	T-.875 B-7.718				
46757	A-22	Fiat Equipment (Outer used w/46758)	A	20.516	12.078	T-.669 B-9.000				
46758	A-14	(Inner used w/46757)	A	19.154	T-7.264 B-8.425	T-.679 B-6.240				
46759	A-90	Various Trucks	A	17.200	T-7.750 B-4.620	T-CLOSED B-3.875				
46760	A-22	Torit Dust Collectors	A	22.500	T-12.781 B-12.687	T-.500 B-8.375				
46761	A-112	Agco, Cat, Hyster, John Deere, New Holland, Volvo (Outer used w/46766)	RSOA	16.422	8.181	T-CLOSED B-4.169				
46762	A-25	Hitachi (Outer used w/46763)	A	10.933	T-9.921 B-7.929	T-.866 B-5.315				
46763	A-22	Hitachi Excavators (Inner used w/46762)	A	9.627	5.157	T-.669 B-4.055				
46766	A-144	Case, Cat, I-R, JCB, John Deere, Komatsu, New Holland, Volvo (Inner used w/46708, 46761, 49690 outers)	RSIA	16.037	T-4.118 B-4.200	T-CLOSED B-3.435				
46767	A-86	Caterpillar Excavators, Kobelco Excavators, Komatsu Forklifts (Outer used w/42769)	AF	11.500	T-7.170 B-6.370	T-.660 B-2.620				
46770	A-112	Terex, Cat, Case, Hitachi, Komatsu, Volvo Equipment (Outer used w/46771) - contains plastic air deflector shield (49770 is the same filter w/o the air shield - do not use the 49770 unless the air housing contains an air deflector shield)	RSOA	20.500	12.310	T-CLOSED B-6.990				
46771	A-144	AG-Chem, Terex, Volvo Equipment (Inner used w/46770)	RSIA	19.720	7.080	T-CLOSED B-5.900				
46772	A-113	Volvo-White Trucks	RSA	16.760	12.800	T-CLOSED B-7.900				
46773	A-127	Mack Trucks	A	20.500	T-7.500 B-10.500	T-.875 B-6.875				
46774	A-22	Allis Chalmers, Cat, Hino, Hitachi, Isuzu, John Deere, Komatsu, New Holland, Versatile (Outer used w/46775 or 42494 inner)	A	19.500	12.093	T-.875 B-7.718				
46775	A-22	(Inner used w/46774)	A	18.500	7.250	T-.625 B-6.375				
46776	A-112	Hitachi Excavators (Outer used w/46777)	RSOA	14.540	9.310	T-CLOSED B-5.150				
46777	A-144	Hitachi (Inner used w/46776)	RSIA	13.880	T-4.950 B-5.250	T-CLOSED B-3.600				
46778	A-22	(Inner used w/46810)	A	20.375	7.650	T-.656 B-6.041				

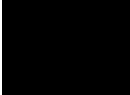
* AF=Air Filter w/Fin; AP=Air Filter Panel; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air

° Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46779	A-8	Kobelco Equipment - (Outer Air used w/ 49576 Inner)	AF	20.500	T-6.843 B-8.718	T-.660 B-4.218				
46780	A-86	Komatsu Excavators (Outer used w/46781)	AF	17.930	T-11.000 B-9.875	T-.500 B-5.380				
46781	A-22	Komatsu (Inner used w/46780)	A	16.418	4.614	T-.669 B-3.555				
46782	A-144	Case, Champion, Freightliner, Ford, Doosan, John Deere, Komatsu (Inner used w/46744)	RSIA	18.212	T-5.300 B-5.100	T-CLOSED B-3.700				
46783	A-22	Massey Ferguson MF4800, MF4840 Tractors; New Holland TR98, TR99 Combines (Outer used w/46739)	A	20.750	11.468	T-.375 B-7.000				
46784	A-113	Case Tractors, John Deere Loaders, Steiger Tractors (Outer used w/46785)	RSOA	21.625	11.086	T-CLOSED B-5.803				
46785	A-114	(Inner used w/46784)	RSIA	21.117	T-5.602 B-5.940	T-CLOSED B-4.314				
46786	A-112	Case, Steiger Tractors (Outer used w/46787)	RSOA	21.610	12.410	T-CLOSED B-8.140				
46787	A-112	(Inner used w/46786)	RSIA	20.920	7.810	T-CLOSED B-6.125				
46788	A-113	Caterpillar Equipment (Outer used w/46789)	RSOA	7.356	8.000	T-CLOSED B-4.250				
46789	A-139	Caterpillar Equipment (Inner used w/46788)	RSIA	6.730	T-4.000 B-4.270	T-CLOSED B-2.720				
46790	A-108	John Deere 330 Mower, Generac Generators	A	7.380	4.500	T-CLOSED B-1.500				
46791	A-39	Ingersoll Rand (Outer used w/ 46792)	A	27.500	T-14.375 B-13.750	T-.875 B-9.500				
46792	A-22	Ingersoll-Rand (Inner used w/46791)	A	25.200	9.250	T-.750 B-8.000				
46793	A-56	Caterpillar stationary, marine engines, generators - if wrap required, use 49793	A	24.750	22.000	T-CLOSED B-15.560				
46794	A-22	Massey-Ferguson 4800, 4900 Tractor w/Cummins Engine (Inner used w/46827)	A	20.875	7.406	T-.656 B-6.093				
46795	A-22	Quincy, Worthington Air Compressors (Outer used w/46796)	A	21.000	12.560	T-.391 B-7.500				
46796	A-22	(Inner used w/46795)	A	19.500	7.410	T-.766 B-6.120				
46797	A-67	IHC Transtar Trucks	A	21.531	T-16.187 B-13.812	T-CLOSED B-9.468				
46798	A-48	Discovery (99-04), Freelander (02-07), Range Rover (98-02)	AP	2.240	8.150	9.750				
46799	A-48	Various Mercedes (00-13) - 2 per carton	AP	1.969	5.295	13.976				
46800	A-103	Freightliner w/Caterpillar Engine	A	20.531	T-11.600 B-10.625	T-CLOSED B-6.687				
46801	A-86	Ford, New Holland (Outer used w/46522)	A	15.480	T-8.450 B-7.812	T-.625 B-3.468				
46802	A-107	Acura MDX (01-06), Honda Pilot (03-08)	AP	1.633	6.496	11.417				
46803	A-111	Honda Odyssey (02-04)	AP	1.635	6.250	11.250				
46804	A-197	Ford/Lincoln Trks + SUVs w/ 5.4L Engine (04-09)	AP	1.413	8.500	11.300				
46805	A-133	John Deere Tractors (Outer used w/46806)	A	12.250	T-8.875 B-11.260	T-CLOSED B-4.625				
46806	A-134	John Deere Tractors (Inner used w/46805)	A	5.137	T-9.389 B-6.338	T-CLOSED B-4.645				
46807	A-209	Ford E-Series Vans w/ 6.0L Diesel (04-10) - Six-sided panel	AP	3.295	6.788	11.736				
46808	A-22	Joy 750 Air Compressor	A	21.375	12.062	T-.625 B-6.062				
46809	A-136	Hitachi Excavators	A	13.000	T-7.870 B-6.100	T-.670 B-4.950				
46810	A-22	Case and Steiger Tractors (Outer used w/46778)	A	21.500	12.088	T-.906 B-7.726				
46811	A-112	Case Combines (Outer used w/46812)	RSOA	22.150	12.900	T-CLOSED B-6.750				
46812	A-144	Case Combines (Inner used w/46811)	RSIA	21.500	T-6.500 B-6.750	T-CLOSED B-5.160				
46813	A-119	Pierce Arrow Fire Trucks	A	25.750	11.000	T-CLOSED B-6.875				



TECHNICAL DATA

* AF=Air Filter w/Fin; AP=Air Filter Panel; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46814	A-48	Ford Crown Victoria (03-11), Mercury Grand Marquis (7-11) Marauder (03-04)	AP	1.978	7.598	11.398				
46815	A-160	Caterpillar 3508 Marine Engine	A	10.310	T-12.780 B-15.640	T-CLOSED B-10.140				
46816	A-22	John Deere Equipment - outer used w/ 49917 inner	A	22.500	12.083	T-.660 B-7.715				
46818	A-195	Agco, Atlas-Copco, JCB, John Deere, Massey Ferguson, White (Outer used w/46829 inner)	A	14.803	6.259	T-CLOSED B-3.700				
46819	A-115	Freightliner FS65 Bus, Winnebago Chieftan	A	17.125	8.050	T-3.915 B-5.780				
46820	A-22	Case, New Holland, Steiger Tractors (Outer used w/46821 or 42955)	A	22.500	13.830	T-.906 B-9.468				
46821	A-22	(Inner used w/ 46820 or 42955)	A	20.625	8.665	T-.661 B-7.500				
46822	A-163	Inner used w/42481 outer	A	23.976	T-8.307 B-7.952	T-.669 B-7.480				
46823	A-107	Acura NSX (91-05)	AP	1.650	9.250	11.250				
46824	A-8	Sullair Compressors	AF	12.185	T-6.050 B-7.630	T-.750 B-4.000				
46825	A-50	Caterpillar Off-Hwy Trucks, Tractors - Cabin Air	AP	2.600	6.000	17.530				
46826	A-22	Torit Dust Collectors	A	22.500	T-12.781 B-12.687	T-.500 B-8.375				
46827	A-22	Massey-Ferguson 4880, 4900 w/VT903 Cummins Engine (Outer used w/46794)	A	22.375	12.500	T-.406 B-7.546				
46828	A-67	Mack Trucks	A	22.500	T-16.187 B-13.843	T-CLOSED B-7.437				
46829	A-163	Agco, Atlas-Copco, Gehl, Massey Ferguson, JCB, John Deere, Volvo Equip (Inner used w/46818 outer)	A	14.150	3.300	T-CLOSED B-2.855				
46830	A-60	Kenworth Class 7 & 8 Trucks	A	22.562	T-7.531 B-10.625	T-CLOSED B-6.687				
46831	A-194	Acura TSX (04-08), Honda Accord w/ 2.4L (03-07)	AP	1.732	5.925	13.386				
46832	A-111	Honda Accord 3.0L (03-05)	AP	1.590	5.710	13.000				
46833	A-60	IHC 9670 Trucks w/Cummins Engines - Cone Shaped	A	23.000	T-5.750 B-8.867	T-.180 B-5.200				
46834	A-169	Toyota Matrix, Corolla, Pontiac Vibe (03-08), Scion tC (05-10) FR-S (13), Subaru BRZ (13),	AP	2.040	5.905	11.375				
46835	A-135	Mazda RX-8 (04-11)	AP	1.886	8.969	14.747				
46836	A-195	JCB, I-R, Massey Ferguson, Terex, Volvo, Other (Outer used w/46837)	RSOA	14.192	T-5.873 B-5.826	T-CLOSED B-3.307				
46837	A-144	JCB Backhoes, Massey Ferguson Tractors (Inner used w/46836)	RSIA	13.562	T-2.936 B-3.090	T-CLOSED B-2.465				
46838	A-115	Farr Housings	A	16.875	11.500	T-7.000 B-5.750				
46839		Air Filter Kit Containing: 1-42635, 1-42636	A				Packed (2)			
46840	A-60	Freightliner, Mack Trucks - Cone Shaped	A	23.000	T-7.531 B-10.400	T-.180 B-6.937				
46841	A-103	Volvo Trucks	A	23.250	T-8.120 B-7.360	T-.406 B-4.670				
46842	A-113	Freightliner, Peterbilt Trucks	RSA	23.356	9.203	T-CLOSED B-5.845				
46843	A-112	Freightliner, Kenworth, Peterbilt & Western Star Trucks	RSA	23.600	T-11.400 B-11.100	T-4.024 B-6.780				
46844	A-60	Kenworth and Peterbilt Trucks	A	24.937	T-9.812 B-11.718	T-CLOSED B-7.156				
46845	A-22	Ford Trucks w/ 6.6L, 7.8L Diesel Engines	A	23.500	7.343	T-.390 B-5.375				
46845FR	A-22	Flame Retardent Version Of 46845 (Obsolete)	A	23.500	7.343	T-.390 B-5.375				
46846	A-52	GMC Industrial Engines	A	23.500	12.750	T-CLOSED B-8.375				
46847	A-90	Blue Bird Buses	A	25.560	T-10.922 B-7.620	T-CLOSED B-6.750				
46848	A-36	Farr Eco II for Heavy Duty Trucks	A	25.920	T-9.750 B-6.000	T-CLOSED B-5.875				

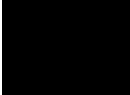
* AF=Air Filter w/Fin; AP=Air Filter Panel; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46849	A-36	Farr ECO II Systems (housing + element as one unit)	A	19.720	13.500	T-CLOSED B-7.000				
46850	A-36	Kenworth, White Freightliner Trucks	A	25.920	T-11.000 B-7.000	T-CLOSED B-6.875				
46851	A-36	Farr ECO II Systems (housing + element as one unit)	A	25.720	13.500	T-CLOSED B-7.000				
46852	A-22	Volvo Trucks	A	24.187	7.874	T-.450 B-4.528				
46853	A-39	Caterpillar Trucks, Excavators (Outer used w/42259)	A	24.500	T-15.679 B-14.686	T-.937 B-10.314				
46854	A-22	Cat, Hitachi, Kawasaki, Komatsu, John Deere, Isuzu (Outer used w/46855)	A	24.500	12.088	T-.906 B-7.729				
46855	A-22	Inner used w/46854	A	23.500	7.287	T-.656 B-6.182				
46856	A-22	Cummins Construction KTA-19C Engines (Inner used w/46866)	A	25.625	7.406	T-.656 B-6.093	Packed	1.250	.546	.125
46857	A-115	Farr ECO-Sm Medium Duty On-Road Vehicles Low Inlet Configuration	A	16.600	13.500	7.000				
46858	A-115	Farr ECO-SM Medium Duty On-Road Vehicles High Inlet Configuration	A	16.600	13.500	7.000				
46859	A-119	Pierce Arrow Fire Trucks	A	25.600	13.500	7.000				
46860	A-60	Freightliner Argosy Truck w/Detroit Diesel Engine	A	25.000	T-9.800 B-12.750	T-.180 B-8.312				
46860FR	A-60	Flame Retardant Version of 46860 - For underground mining operations	A	25.000	T-9.750 B-12.750	T-.180 B-8.320				
46861	A-115	Bluebird School Buses	A	19.750	10.920	T-6.750 B-5.900				
46862	A-20	Torit Dust Collectors	A	26.500	12.687	8.375				
46863	A-112	Kenworth, Peterbilt & Western Star Trucks	RSA	25.444	T-13.030 B-12.780	T-4.786 B-7.460	Packed Packed	15.81 15	15.06 13	.5 .25
46864	A-22	Torit Dust Collectors	A	26.500	T-12.781 B-12.687	T-.500 B-8.375				
46865	A-22	Ingersoll-Rand Compressors	A	26.375	10.375	T-.875 B-6.031				
46866	A-22	Cummins Construction KTA19C Engs. (Outer used w/46856)	A	27.250	12.468	T-.406 B-7.546	Packed	1.187	.343	.125
46867	A-22	Vortex Housing	A	26.000	11.875	7.125				
46868	A-24	Peterbilt Trucks	A	27.000	12.781	T-.564 B-8.375				
46869	A-20	Torit Dust Collectors	A	26.000	13.812	9.468				
46870	A-198	IHC Trucks, Champion buses (Outer used w/46871 inner)	RSOA	16.000	10.220	T-CLOSED B-7.972				
46871	A-200	IHC Trucks, Champion Buses (Inner used w/46870 outer)	RSIA	15.250	T-3.500 B-8.080	T-CLOSED B-5.100				
46872	A-20	Mack Trucks	A	28.937	8.812	5.812				
46873	A-169	Various Mitsubishi (04-12)	AP	2.035	8.500	9.125				
46874	A-20	Ingersoll Rand 300 Air Compressor	A	27.500	18.062	12.312				
46875	A-48	Mercedes C32, SLK32 w/ AMG Engine (02-04), Chrysler Crossfire SRT-6 (05-07) - 2 per carton	AP	1.645	4.700	12.150				
46876	A-60	Freightliner, GMC, Kenworth Heavy Duty Trucks	A	28.500	T-7.531 B-10.406	T-CLOSED B-6.937				
46877	A-103	Freightliner, Kenworth and Peterbilt Trucks	A	28.531	T-9.730 B-8.656	T-CLOSED B-5.187				
46878	A-60	Used in Donaldson 2400 Series Housings	A	28.500	T-5.765 B-8.687	T-CLOSED B-5.218				
46879	A-206	Chrysler Pacifica (04-08)	AP	1.540	12.560	12.125				
46880	A-20	Freightliner, Kenworth, Mack, Peterbilt, White Trucks	A	28.562	9.500	6.500				
46881	A-24	GMC Astro and White Trucks (Obsolete)	A	28.562	9.500	T-.187 B-6.500				
46882	A-103	Mack, Other HD Trks - Element w/ Lid Attached	A	28.531	T-11.600 B-10.625	T-CLOSED B-6.687				
46883	A-103	Freightliner, Kenworth, Peterbilt, Mack Trucks	A	22.531	T-11.600 B-10.625	T-CLOSED B-6.687				



TECHNICAL DATA

* AP=Air Filter Panel; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46884	A-56	Mack Trucks	A	28.375	8.850	T-CLOSED B-5.812				
46885	A-60	Ford 9000 Series Trks, Mack, P&H	A	29.000	T-9.875 B-12.740	T-1.187 B-8.275				
46886	A-50	Cab Panel For Various John Deere Equipment	AP	2.230	5.000	29.500				
46887	A-48	Saturn Ion (03-05)	AP	1.500	8.500	12.000				
46888	A-205	Various Toyota w/ 4.0L (03-12)	AP	2.455	6.500	14.000				
46889	A-187	Hummer H2 (03-10)	PCA	7.230	T-11.050 B-6.400	T-9.750 B-4.750				
46891	A-116	Farr Ecolite Series (housing + element as one unit)	A	25.866	9.764	5.984				
46893	A-116	Farr Ecolite Series (housing + element as one unit)	A	25.700	11.000	7.000				
46895	A-115	Farr Ecolite Series	A	25.720	13.500	7.000				
46897	A-140	Kenworth, Peterbilt Trucks	A	25.250	13.500	T-8.000 B-7.000				
46898	A-140	Thomas Buses	A	19.800	9.670	6.000				
46899	A-38	Dart and Paccar	AP	2.187	15.000	20.000				
46901	A-38	Komatsu Equipment	AP	2.190	15.000	20.000				
46902	A-169	GM, Saturn (05-12)	AP	1.500	9.125	11.000				
46903	A-80	Euclid, Terex Dump Trucks (V-Panel Type)	AP	18.000	10.840	30.940				
46904	A-132	ERF Trucks, Foden Trucks	A	19.420	T-10.375 B-11.500	T-.625 B-6.500				
46907	A-228	Chev/GMC Topkick, Kodiak, C Series Medium Duty Trucks	RSA	17.375	7.750	T-CLOSED B-4.400				
46908	A-22	Kobelco Excavators (Outer used w/ 46909 inner)	A	21.500	8.125	T-.660 B-4.830				
46909	A-14	Kobelco Excavators (Inner used w/ 46908 outer)	A	20.410	T-4.550 B-5.750	T-.650 B-3.440				
46910	A-20	Cyclone Dust Collector Systems	A	31.000	17.250	12.750				
46911	A-136	Komatsu PC120, PC130 Excavator (Outer used w/46912 Inner)	A	12.350	T-7.638 B-6.110	T-.630 B-3.377				
46912	A-14	Komatsu Excavators (Inner used w/46911 Outer)	A	11.000	T-3.310 B-4.340	T-.625 B-2.570				
46913	A-48	Pontiac GTO 5.7L (04-06)	AP	1.625	8.900	11.160				
46914	A-111	Various Subaru Models (05-13)	AP	1.300	8.661	8.740				
46915	A-48	Saab 9-3 (03-11)	AP	1.881	9.232	11.673				
46916	A-48	Nissan Frontier w/ 2.5L (05-13), Suzuki Equator (09-13)	AP	1.295	7.276	14.921				
46917	A-48	Chev Malibu (07-08), Pontiac G6 (05-10)	AP	1.700	7.070	11.570				
46918	A-112	Cat D9R Track Dozers	RSA	15.500	13.470	T-CLOSED B-8.250				
46919	A-112	Peterbilt w/ CAT Engines	RSA	21.400	11.380	T-3.740 B-6.800				
46920	A-90	Volvo Industrial Engines	A	28.281	T-7.718 B-4.221	T-CLOSED B-4.015				
46921	A-80	Railroad Applications - 2 per box	AP	6.200	14.000	36.440				
46922	A-228	John Deere Loaders (Outer used w/ 46923 Inner)	RSOA	16.771	T-8.818 B-8.779	T-CLOSED B-7.125				
46923	A-225	John Deere Loaders (Inner used w/ 46922 Outer)	RSIA	15.870	T-7.245 B-4.765	T-CLOSED B-3.700				
46924	A-48	Ford Freestar, 500, Mercury Montego (05-07)	AP	1.815	5.400	11.875				
46925	A-22	Ford Tractors - Inner used w/ 46660 outer	A	15.000	5.950	T-.650 B-4.900				
46926R	A-1	Racing Applications Only	A	3.250	14.000	12.250				
46927Q	A-1	High Performance Racing Air Filter - uses rigid plastisol	A	3.750	14.000	12.250				
46927R	A-1	Racing Applications Only	A	3.750	14.000	12.250				
46928R	A-1	Racing Applications Only	A	3.250	16.000	13.750				
46929	A-103	Donaldson ECG Series Air Filter	A	20.540	T-11.620 B-10.620	T-CLOSED B-6.610				
46930	A-48	Dodge Pickup (07-11), Ram Pickup (07-13) w/ 6.7L Cummins Diesel	AP	4.384	9.909	10.929				
46932	A-113	Chev/GMC, Isuzu Medium-Duty Trucks	RSA	11.450	T-9.042 B-9.216	T-CLOSED B-5.154				

* AP=Air Filter Panel; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air; PCA=Corrugated Style Air Filter

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46933	A-36	Pierce Arrow Fire Truck (Sabre model) Eco-Style Series	A	16.900	11.500	T-CLOSED B-7.000				
46934	A-144	Cat Equipment (Inner used w/ 42243 outer)	RSIA	12.080	T-3.460 B-3.660	T-CLOSED B-2.866				
46935	A-48	Various Ford, Lincoln, Mazda (07-13)	AP	1.795	6.713	12.046				
46936	A-222	Ford Mustang w/ 5.4L (07-09)	AP	2.300	9.213	10.000				
46937	A-187	Various John Deere Tractors - (Outer used w/ 42795 inner)	PCOA	7.240	T-12.150 B-4.875	T-11.000 B-3.670				
46938	A-190	Various Volvo (04-13)	AP	2.559	8.129	9.291				
46939	A-190	Various BMW (02-08)	AP	2.440	7.125	11.625				
46940Q	A-1	High Performance Racing Air Filter	A	4.010	16.000	13.750				
46940R	A-1	Racing Applications Only	A	4.010	16.000	13.750				
46941Q	A-1	High Performance Racing Air Filter	A	3.760	16.000	13.750				
46941R	A-1	See Special Racing Catalog.	A	3.760	16.000	13.750				
46942R	A-1	Racing Applications Only (Obsolete)	A	4.010	16.000	13.750				
46944Q	A-1	High Performance Racing Air Filter	A	4.010	14.000	12.250				
46944R	A-1	Racing Applications Only	A	4.010	14.000	12.250				
46945R	A-1	Racing Applications Only	A	3.010	14.000	12.250				
46946R	A-1	Racing Applications Only	A	4.010	14.000	12.250				
46948Q	A-1	High Performance Racing Air Filter	A	3.510	14.000	12.250				
46948R	A-1	Racing Applications Only	A	3.510	14.000	12.250				
46949Q	A-1	High Performance Racing Air Filter	A	3.510	16.000	13.750				
46949R	A-1	Racing Applications Only	A	3.510	16.000	13.750				
46950	A-142	Chrysler Family of Cars 2.2L & 2.5L (Emission)	B	.625	T-1.200 B-1.600					
46951	A-142	Chrysler Family of Cars (Emission).	B	1.000	T-1.375 B-2.875					
46953	A-142	Nissan Trucks (87-89)(Emission).	B	.812	T-1.187 B-2.250					
46954	A-142	Nissan Trucks (88-89)(Emission).	B	.562	T-1.187 B-5.000					
46955	A-142	1986 Subaru with L4 1.8L Engine (Emission)	B	.375	T-1.000 B-2.094					
46956	A-142	Chrysler Family of Cars w/3.0L (87-95) (Emission)	B	.875	1.563					
46957	A-142	Chrysler Family of Cars w/V6 3.3L (90-96)(Emission)	B	.625	1.750					
46960	A-142	Honda Cars (84-87)(Emission)	B	.400	T-1.375 B-3.000					
46961	A-142	Honda (89)(Emission)	B	.400	T-1.250 B-2.250					
46964	A-142	Chrysler Family of Cars 3.0L (89-95) (Emission)	B	.875	T-1.750 B-3.250					
46966	A-142	Ford Tempo/Topaz 2.3L, Contour/Mystique(94-95) (Emission)	B	1.000	T-1.000 B-2.375					
46967	A-142	Ford Escort, Mercury Tracer 1.9L (91)(Emission)	B	.875	T-2.000 B-2.375					
46968	A-147	Cadillac V8 4.5L (89-90)(Emission)	B	2.000	1.600					
46969	A-142	Nissan Family of Cars/Trucks (90-01)(Emission)	B	.875	T-1.000 B-2.187					
46970	A-142	Mazda Cars/Trucks (87-93)(Emission)	B	.625	T-1.188 B-2.000					
46972	A-142	Ford Contour L4 2.0L (96-99)(Emission)	B	.718	T-1.188 B-1.563					
46974R	A-1	Racing Applications Only	A	3.010	16.000	13.750				
46975	A-48	Ford Mustang (05-10)	AP	1.770	9.250	10.000				
46976	A-102	Ford Family of Cars and Trucks (86-92)(95-96)	B	2.430						
46977	A-102	Ford Trucks and Vans (94-99)	B	2.769						
46978	A-154	Lincoln Mark VII 5.0L (90), Mustang (94) (Emission)	B	.900	1.100					
46980	A-142	GMC Trucks and Vans w/V-8 Eng. (85 - 89)	B	.720						
46981	A-171	Sterling Trucks - Cabin Air	AP	1.340	6.181	8.540				

TECHNICAL DATA

* AP=Air Filter Panel; B=Breather Filter; RSIA=Radial Seal Inner Air; PCOA=Corrugated Style Outer Air
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
46983	A-114	John Deere Equipment, IHC Trucks (Inner used w/ 46745 Outer)	RSIA	17.730	T-6.450 B-6.860	T-CLOSED B-5.154				
46986	A-64	Various GM (83-87)	B	2.280	2.700	.630				
46988	A-61	Jeep (80-87), Eagle (88-89)	B	1.390						
46990	A-61	GM Cars and Trucks (83-92)	B	1.380						
49000	A-254	Nissan Sentra (07-13)	AP	2.283	7.559	9.566				
49001	A-111	Infiniti M35 (06-07)	AP	2.007	7.322	10.905				
49002	A-123	JCB Equipment - Inner air used w/ JCB # 32903001 outer	A	9.000	T-2.710 B-3.520	T-.625 B-2.415				
49003	A-166	Honda S2000 (06-09) - S2000 CR (08-09)	A	11.456	T-6.338 B-6.850	T-CLOSED B-3.145				
49004	A-111	Hyundai (09-13)	AP	2.205	10.827	11.890				
49005	A-111	Suzuki SX-4 (07-09)	AP	1.720	5.394	11.201				
49006	A-325	Hyundai Genesis (09-12)	AP	2.126	8.740	10.551				
49007	A-253	Peterbilt Trucks - Cabin air	AP	.960	8.160	12.000				
49008	A-111	Suzuki Kizashi (10-13)	AP	1.575	8.268	12.658				
49009	A-252	Honda Odyssey (11-13)	AP	1.870	6.732	11.910				
49010	A-111	Toyota Tundra w/ V8 4.7L + 5.7L (07-12), Toyota Sequoia (08-13)	AP	2.007	11.653	12.362				
49011	A-159	Donaldson Disposable style air filter housing - has 5" bottom ID opening		8.976	12.499	T-CLOSED B-4.999				
49012	A-111	Various Subaru (06-13)	AP	1.270	8.484	8.681				
49013	A-309	Volkswagen Jetta w/2.0L (11-12)	A	8.677	5.354	T-CLOSED B-2.834				
49014	A-198	Dodge Caliber, Jeep Compass, Patriot (11-13)	A	6.929	5.354	T-CLOSED B-3.169				
49015	A-336	Porsche Boxster, Cayman (05-13)	A	12.500	T-7.625 B-3.380	T-6.250 B-1.900				
49016	A-48	Dodge Journey (09-13)	AP	1.791	8.464	9.251				
49017	A-337	Ford Focus (12-13), Ford C-Max (13)	A	8.149	T-6.181 B-6.062	T-CLOSED B-2.736				
49018	A-290	Jeep Wrangler (07-13)	AP	1.653	8.267	11.653				
49020	A-48	Audi, Volkswagen (06-13)	AP	2.755	5.354	13.503				
49021	A-112	Outer air filter for OptiAir 800 Air Filter Housing - inner is 49868	RSOA	14.080	T-6.410 B-6.420	T-CLOSED B-4.900				
49022	A-313	Hyundai, Kia (12-13)	AP	2.146	5.748	10.158				
49023	A-143	Mitsubishi Outlander, Lancer (07-13)	AP	2.122	7.263	10.610				
49024	A-48	Mercedes-Benz B200 (06-11) (Canada)	AP	1.929	6.850	8.622				
49026	A-67	Air filter w/ attached lid for Nelson Air Filter Housing	A	23.600	T-16.280 B-12.080	T-CLOSED B-7.720				
49028	A-144	Mitsubishi Fuso Trucks - Inner used w/ 42833 outer	RSIA	15.725	T-4.950 B-5.250	T-CLOSED B-3.729				
49029	A-287	IHC Workstar Trucks - Radial seal outer w/ fins - inner is 49089	AF	15.860	T-12.060 B-14.080	T-CLOSED B-10.000				
49030	A-143	Toyota Land Cruiser, Lexus LX570 (08-13)	AP	2.034	11.550	12.375				
49031	A-302	Acura, Honda (12-13)	AP	1.870	7.343	9.409				
49032	A-22	Hyundai Excavators, Loaders & Shovels - Secondary used w/ 49884 primary	A	19.440	T-5.114 B-5.135	T-.750 B-4.030				
49033	A-48	Jaguar XK, XKR w/ V8 5.0L (10-13)	AP	2.322	6.338	9.685				
49034	A-48	Mercedes SLK 350 (12-13)	AP	1.101	7.921	16.700				
49035	A-228	Outer Air Filter for Fleetguard OptiAir 1000 Air Housing - Inner is 49036	RSOA	14.880	7.535	T-CLOSED B-4.248				
49036	A-225	Inner used w/ 49035 outer	A	14.000	T-4.126 B-5.890	T-CLOSED B-2.808				
49037	A-161	BMW 545 Series w/4.4L Engine (Non E-60 Body Style) - (05)	AP	2.080	10.807	12.283				
49038	A-51	Nissan Versa (12-13) - sedan only	AP	1.339	4.567	9.134				
49040	A-193	Honda Accord, Crosstour (08-13)	AP	2.027	8.681	10.472				
49041	A-111	Acura, Honda (08-13)	AP	1.717	8.032	10.256				
49042	A-111	Honda Pilot (09-13)	AP	1.870	6.850	11.905				
49043	A-48	Various Audi (09-13)	AP	2.628	5.030	12.690				

* AF=Air Filter w/Fin; AP=Air Filter Panel; B=Breather Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air

® Housing gasket not packaged with filter - order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
49047	A-313	Kia Sportage (10-13)	AP	2.087	6.476	11.280				
49048	A-48	Fiat 500 (12-13)	AP	1.630	5.200	14.760				
49049	A-48	Chrysler, Dodge, Jeep (11-13)	AP	1.850	8.957	9.252				
49050	A-111	Acura RL (09-13)	AP	2.015	5.546	12.050				
49051	A-111	Honda Civic w/ Hybrid Engine (03-05)	AP	1.437	6.023	8.858				
49052	A-111	Hyundai Azera (06-13), Sonata (06-10)	AP	2.303	8.880	9.331				
49053	A-48	Ford Fusion, Mercury Milan, (06-12) Lincoln Zephyr V6 3.0L (2006)	AP	1.960	6.250	8.500				
49054	A-48	Saturn Ion (06-07)	AP	1.385	7.750	11.880				
49055	A-48	Porsche Panamera (10-13)	AP	2.297	4.808	27.000				
49056	A-212	BMW 3 Series (06-12), 128i (08-13)	AP	1.968	10.421	10.543				
49057	A-48	Nissan Altima, Altima Hybrid (07-12)	AP	2.283	5.314	12.499				
49058	A-193	Honda CR-V w/ 2.4L (07-09)	AP	1.929	6.732	10.472				
49059	A-234	Hyundai Veracruz (07-11)	AP	1.677	9.370	12.283				
49060	A-30	Apache, Boart, Fletcher Drills, Gehl, Oldenburg Equipment	B	4.280	3.690	¾-16				
49061	A-25	Atlas Copco, Fiat Allis, John Deere, Koppel, Liebherr, Orrenstein Applications (Outer used w/46693)	A	16.500	T-12.500 B-10.500	T-.656 B-6.000				
49062	A-48	Dodge Ram SRT-10 (04-06)	AP	2.050	9.850	10.850				
49063	A-111	Acura (04-08), Honda Accord (06-07)	AP	2.125	5.772	12.834				
49064	A-48	Chevrolet HHR (06-11)	AP	2.270	4.875	14.000				
49065	A-111	Honda Civic w/ 1.8L (06-12)	AP	1.692	7.755	8.877				
49066	A-111	Pontiac Solstice, Saturn Sky (06-10)	AP	1.181	9.527	14.645				
49067	A-48	Chrysler PT Cruiser (06-10)	AP	1.675	6.500	10.150				
49068	A-218	Mercedes Smart Car (3 Cyl Diesel)	A	5.314	3.578	1.969				
49069	A-48	Hyundai Accent, Kia Rio (06-12)	AP	2.224	5.315	10.354				
49070	A-143	Hyundai Elantra (07-12), Kia Forte (10-13)	AP	1.948	7.401	7.795				
49071	A-111	Pontiac Solstice, Saturn Sky w/ 2.0L (07-10)	AP	1.181	9.527	14.606				
49072	A-110	Various Wacker Equipment	AP	2.179	3.864	6.750				
49074	A-48	Saab 9-3 (00-03)	AP	2.245	5.860	12.125				
49075	A-112	Volvo Construction Equip, Liebherr, Other (Outer used w/ 49137)	RSOA	18.260	T-9.042 B-9.130	T-CLOSED B-5.040				
49076	A-21	Becker Compressors	A	4.921	5.039	2.523				
49077	A-112	Van Hool Transit Buses	RSA	19.704	9.803	T-CLOSED B-4.685				
49078	A-116	Spartan Fire Trucks	A	19.800	13.500	6.800				
49079	A-54	Caterpillar Industrial & Marine Engines (Outer used w/49080)	A	14.340	19.281	T-CLOSED B-12.870				
49080	A-13	Cat Industrial + Marine Engines (Inner used w/49079)	A	14.250	T-12.780 B-15.630	T-CLOSED B-10.290				
49082	A-179	Freightliner M2 Truck - Cabin Air	AP	.984	8.385	8.622				
49083	A-49	CAT Equipment - Cabin Air	AP	.921	4.842	23.629				
49084	A-186	Volvo Trucks - Cabin Air	AP	1.122	9.133	12.283				
49085	A-111	Suzuki Grand Vitara (06-08)	AP	2.087	6.969	9.036				
49086	A-128	Honda Fit (07-08)	AP	2.204	5.826	6.653				
49087	A-240	Onan Generator	AP	1.410	6.500	10.250				
49088	A-198	Various IHC Trucks - Outer (Inner is 49089)	A	16.230	12.000	T-CLOSED B-9.890				
49089	A-200	Inner used w/ 49088 outer w/o fins or 49029 outer w/ fins	A	15.218	T-5.390 B-9.950	T-CLOSED B-6.770				
49090	A-231	Replacement element for Motorcraft FA-1759 air filter housing kit. Corrugated filter designed to replace factory equipped air housing that uses 46648 and 46728	PCA	6.200	T-8.433 B-14.377					
49091	A-111	Honda Civic, Acura ILX (12-13)	AP	1.850	7.028	7.579				
49092	A-36	Farr Air Filter for Railroad + Fire Equipment	A	19.750	9.750	T-CLOSED B-5.960				
49093	A-179	Dodge Nitro, Jeep Liberty (08-12) - Cabin air (2 per box)	AP	.802	3.607	7.125				
49094	A-344	Mercedes C250, SLK250 L4 1.8L Turbo (12-13)	AP	2.051	5.751	12.373				
49095	A-48	ECHO Back Pack Leaf Blowers	AP	1.400	2.925	10.450				
49096	A-251	Various John Deere Tractors - Cabin Air - 2 per box	AP	3.430	5.200	23.150				

TECHNICAL DATA

* AP=Air Filter Panel; B=Breather Filter; RSA=Radial Seal Air Filter; RSOA=Radial Seal Outer Air; PCA=Corrugated Style Air Filter
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions				
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.	
49098		Stihl Leaf Blowers	A	8.00							
49099	A-22	Air Filter for Fleetguard air housing # AH19388		12.090	7.770	T-.340 B-4.350					
49100	A-293	Hyundai Genesis (09-12)	AP	1.712	8.917	11.673					
49101	A-179	Honda Fit (09-13) - Cabin air	AP	1.139	8.125	8.300					
49102	A-258	Saturn Vue (08-10) - Chevrolet Captiva Sport (12-13)	AP	2.265	8.880	11.200					
49103	A-112	John Deere - Inner used w/ 49203 Outer	RSIA	11.710	7.160	T-CLOSED B-5.850					
49104	A-169	Toyota (07-13), Scion (08-12), Pontiac Vibe (09-10)	AP	1.968	6.889	9.527					
49108	A-231	Caterpillar 420D Loader - Primary air (used w/ 49109)	PCOA	6.650	T-8.800 B-6.150						
49109	A-229	Caterpillar 420D Loader - Secondary air (used w/ 49108)	ARP	1.751	T-8.181 B-5.543						
49110	A-252	Hyundai Genesis (10-12)	AP	2.126	8.750	10.500					
49111	A-90	Donaldson ECC Series Disposable Air Housing - used w/ EZ-Go, Jacobsen equipment		5.380	6.660	T-CLOSED B-1.995					
49112	A-48	Land Rover LR3 (05-09), Range Rover Sport (06-09)	AP	2.305	8.818	11.913					
49113	A-111	Hyundai Entourage (07-09), Kia Sedona (06-12)	AP	2.146	6.220	11.949					
49114	A-48	Ford Fusion (06-12), Mercury Milan (06-11), Mazda 6 (09-13)	AP	1.610	6.250	10.650					
49115	A-48	Various GM (06-11)	AP	1.980	8.880	9.375					
49116	A-232	Toyota Prius (04-09)	AP	1.062	7.322	11.574					
49117	A-170	Chevy Cobalt (05-10), Pontiac G5 (07-10) & Pursuit (05-06)	AP	1.653	8.405	9.370					
49118	A-223	Dodge Viper (03-06)	RSA	8.390	T-6.210 B-5.030	T-4.290 B-3.345					
49119	A-252	Honda Ridgeline (06-13)	AP	1.791	6.968	13.188					
49120	A-111	Acura (07-11), Various Honda (06-11)	AP	2.125	6.338	10.826					
49121	A-111	Acura MDX (07-09)	AP	2.460	6.850	11.909					
49122	A-48	Various Audi, VW (06-13)	AP	1.968	8.779	13.622					
49123	A-111	Acura RDX (07-12)	AP	2.125	6.270	13.236					
49124	A-39	Ingersoll-Rand Compressors (Outer used w/49125)	A	20.500	T-12.562 B-12.093	T-.875 B-7.719					
49125	A-22	Ingersoll-Rand Compressors (Inner used w/49124)	A	18.000	7.620	T-.890 B-6.190					
49126	A-195	Volvo Trucks (Outer used w/49127)	RSOA	19.490	12.890	T-CLOSED B-8.625					
49127	A-224	Volvo Trucks (Inner used w/49126)	RSIA	18.460	8.375	T-CLOSED B-7.625					
49128	A-163	Akerman Excavators, Ingersoll Rand Compressors, Iveco Trucks	A	18.550	T-6.060 B-6.370	T-.690 B-5.590					
49129	A-48	New Holland TX66, TX68 Combines - Cabin Air	AP	2.165	4.230	23.750					
49130	A-266	Yamaha Golf Carts	AP	1.539	7.795	10.039					
49131	A-195	Atlas Copco, Caterpillar, Demag, Deutz, I-R, JCB, Komatsu, Liebherr, Massey-Ferguson, Volvo, Other - (Outer used w/ 49132 inner)	RSOA	15.787	T-7.685 B-7.637	T-CLOSED B-4.488					
49132	A-177	Atlas Copco, CAT, Deutz, Grove, Liebherr, Massey-Ferguson, Volvo, Other (Inner used w/ 49131 outer)	RSIA	15.137	T-4.271 B-4.118	T-CLOSED B-3.650					
49134	A-48	Briggs & Stratton Engines	AP	.945	3.504	6.339					
49135	A-48	Various Briggs & Stratton Engines	AP	1.110	3.960	8.390					
49136	A-191	Ford Super Duty PU w/ V10 6.8L Engine (05-07)	AP	2.795	6.792	14.682					
49137	A-144	Akerman, John Deere, Volvo Equip, Other (Inner used w/46744 or 49075 outer)	RSIA	17.716	T-4.961 B-5.197	T-CLOSED B-3.702					
49138	A-113	John Deere Dozers & Loaders (Outer used w/49139)	RSOA	17.000	9.280	T-CLOSED B-5.250					
49139	A-139	John Deere Dozers & Loaders (Inner used w/49138)	RSIA	16.405	T-4.950 B-5.250	T-CLOSED B-3.729					
49140	A-112	Terex Dump Trucks w/ Series 60 Detroit Engines (Outer used w/ 49141 inner)	RSOA	20.510	14.210	T-CLOSED B-8.940					
49141	A-144	Terex TA40 Trucks (Inner used w/ 49140 outer)	RSIA	20.250	9.090	T-CLOSED B-6.750					
49143	A-309	Various Audi (08-13)	A	6.610	6.250	T-CLOSED B-4.025					

* AP=Air Filter Panel; ARP=Air Filter Round Panel; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air; PCOA=Corrugated Style Outer Air

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
49145	A-48	Ford Explorer, Merc Mountaineer w/ 4.6L (06-10)	AP	1.300	8.125	15.250				
49146	A-234	Various Lexus (06-13)	AP	2.140	9.375	9.500				
49147	A-239	Freightliner Classic - Cone shaped	A	22.300	T-7.790 B-10.410	T-3.140 B-5.800				
49148	A-228	Fleetguard OptiAir 1300 Air Filter Housing - (Outer used w/ 49149 inner)	A	20.460	10.330	8.040				
49149	A-200	Inner used w/ 49148 outer	A	19.516	T-4.130 B-8.047	T-CLOSED B-5.236				
49150	A-48	Lexus IS-F (08-13)	AP	1.400	9.160	10.550				
49151	A-112	Various Case Tractors - (Outer used w/ 49152 inner)	RSOA	11.560	13.440	T-CLOSED B-7.900				
49152	A-114	Case Tractors (Inner used w/ 49151 outer)	RSIA	10.760	T-7.700 B-8.110	T-CLOSED B-6.130				
49153	A-289	New Holland Tractors	A	13.250	T-8.650 B-7.180	T-.460 B-3.850				
49154	A-187	Chev/GMC Savana, Express Van w/ 6.6L Diesel (06-13)	PCA	6.307	T-10.999 B-5.944	T-9.750 B-4.75				
49155	A-169	Toyota Tacoma w/ 2.7L (05-12)	AP	1.968	9.488	12.637				
49156	A-48	Hyundai Sonata (06-10)	AP	2.283	7.598	9.252				
49157	A-111	Honda Civic Hybrid (06-11)	AP	1.850	7.047	7.401				
49158	A-48	Cadillac SRX (10-11)	AP	1.732	10.413	10.433				
49159	A-198	Element for M&H air filter housing - outer used w/ 49169 inner	A	22.145	11.732	T-CLOSED B-7.873				
49160	A-48	Genie Industrial Lifts w/ Deutz, Lombardini Engines	AP	1.675	5.275	8.875				
49161	A-48	John Deere Equipment - Cabin air	AP	2.360	6.380	9.375				
49162	A-50	John Deere Equipment - Cabin air	AP	2.440	4.881	14.751				
49163	A-139	John Deere Combines (Inner used w/ 49164 outer)	RSIA	22.560	T-6.450 B-6.860	T-CLOSED B-5.250				
49164	A-112	John Deere combines (Outer used w/ 49163 inner)	RSOA	23.250	13.100	T-CLOSED B-6.750				
49165	A-44	Dynacell Railroad and Marine Applications	AP	5.000	19.000	29.500				
49166	A-90	Yanmar Applications - Donaldson EC Series Air Filter (housing + air filter combined)	A	6.310	6.500	T-CLOSED B-2.250				
49167	A-200	Fits OptiAir 500 Series Air Filter Housing - Inner Air Filter used w/ 49168 outer	RSIA	10.000	T-1.641 B-2.970	T-CLOSED B-1.825				
49168	A-228	Fits OptiAir 500 Series Air Filter Housing - Outer Air Filter used w/ 49167 inner	RSA	10.724	4.125	T-CLOSED B-3.011				
49169	A-224	Air Filter for M&H Air Filter Housing - inner used w/ 49159 outer	RSIA	21.181	7.106	T-CLOSED B-6.574				
49170	A-111	Honda Odyssey (2010)	AP	2.040	6.650	12.000				
49171	A-48	Porsche 911 Series (01-12)	AP	1.468	7.027	20.708				
49172	A-170	Toyota, Lexus, Scion (05-13), Pontiac Vibe (09-10)	AP	2.360	9.375	10.000				
49173	A-115	Peterbilt 330 Trucks w/ Cummins Engines	A	14.680	10.920	T-6.880 B-6.000				
49174	A-38	Crenlo Application	AP	2.190	7.000	15.000				
49175	A-48	Various Kia (06-12)	AP	1.775	8.000	10.080				
49177	A-5	Worthington, Quincy Compressors	AW	4.750	5.028	3.000				
49179	A-1	Dodge Durango Hybrid, Chrysler Aspen Hybrid w/ 5.7L (09)	A	3.048	11.250	9.250				
49180	A-111	Kia Sorento (07-09)	AP	1.400	9.375	11.625				
49181	A-144	Gehl, Manitou, New Holland Equipment (Inner used w/ 49182 outer)	RSIA	13.130	T-3.460 B-3.660	T-CLOSED B-2.866				
49182	A-112	Gehl, Manitou, New Holland Equipment - (Outer air used w/ 49181 inner)	RSOA	13.430	6.490	T-CLOSED B-3.560				
49183	A-50	Waukesha Industrial Engines	AP	2.531	19.500	25.500				
49184	A-233	Chev. Silverado, GMC Sierra w/6.6L Duramax Diesel (06-10) (Light Duty vehicles only)	PCA	6.275	8.917					
49185	A-169	Toyota Highlander Hybrid, Lexus RX400H (06-10)	AP	2.047	6.181	14.370				
49186	A-48	Various VW (06-13)	AP	1.500	5.080	17.000				
49187	A-48	Ford Escape Hybrid (05-12), Merc. Mariner Hybrid (05-11), Mazda Tribute(08-11)	AP	1.755	5.470	12.880				

TECHNICAL DATA

* AP=Air Filter Panel; AW=Air Filter with Wrap; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air; PCA=Corrugated Style Air Filter
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
49189	A-310	Safety (Secondary) Filter for Donaldson FKB08 Series Housing (Primary filter is 49190)	A	14.397	T-3.858 B-5.078	T-CLOSED B-4.138				
49190	A-307	Primary Air Filter for Donaldson FKB08 Series Housing (Safety filter is 49189)	A	14.129	T-6.299 B-8.312	T-CLOSED B-4.689				
49191	A-111	Hyundai Santa Fe (07-09)	AP	2.382	6.890	10.650				
49192	A-48	Dodge Caliber (07-10), Jeep Compass, Patriot (07-10)	AP	1.181	6.614	12.873				
49194	A-334	Wet-Dry Hepa Vacuum Filter for Shop Vacs (can be used for wet or dry)	A	8.570	7.260	T-CLOSED B-4.320				
49195	A-334	Wet-Dry Hepa Vacuum Filter for Shop Vacs (can be used for wet or dry)	A	9.400	T-7.380 B-7.260	T-CLOSED B-4.290				
49197	A-334	Hepa Vacuum Filter for Shop Vacs, Vacuums (for dry use only)	A	9.400	T-7.380 B-7.260	T-CLOSED B-4.290				
49198	A-334	Wet-Dry Hepa Vacuum Filter for Shop Vacs (can be used for wet or dry)	A	7.150	7.450	T-CLOSED B-5.600				
49199		Cat Equipment - breather filter		2.221	3.020	T-CLOSED B-1.505	None			
49200	A-302	Acura TSX (09-13)	AP	2.000	8.375	9.337				
49201	A-324	Ford Mustang (10-13)	AP	2.295	9.654	12.420				
49202	A-136	JCB Equipment - Outer used w/ 49002 inner	A	10.800	T-6.800 B-5.859	T-.375 B-2.800				
49203	A-228	John Deere (Outer used w/ 49103 inner)	RSOA	12.690	12.100	T-CLOSED B-10.450				
49204	A-48	Mercedes C Class w/ 2.3L Eng. (02)	AP	2.755	3.385	18.188				
49205	A-198	CAT Generators, Perkins Engines	A	10.748	4.133	T-CLOSED B-2.440				
49206	A-334	Quincy Compressors	A	4.750	5.880	3.620				
49208	A-254	Various BMW (10-13)	AP	2.056	9.917	10.696				
49210	A-252	Hyundai Tucson (10-13), Kia Sportage (11-13)	AP	2.126	6.437	10.158				
49211	A-111	Acura RDX (13)	AP	2.126	7.913	11.929				
49212	A-255	Volvo S80 (07-10)	AP	1.862	8.897	13.641				
49214	A-264	Mercedes C230 (03-05)	A	9.862	5.216	T-CLOSED B-2.736				
49216	A-159	MTU Industrial Engines	A	15.870	T-16.730 B-16.73	T-CLOSED B-9.800				
49218	A-307	Primary Air Filter for Donaldson FKB05 Series Housing - Safety is 49427	A	12.920	T-4.030 B-5.400	T-CLOSED B-2.884				
49220	A-111	Honda Accord Hybrid (05-07)	AP	2.047	5.787	12.858				
49221	A-307	Air Filter for Donaldson FBK06 Series Air Housings - (Primary used w/ 49599 Secondary)	A	13.030	T-5.120 B-6.531	T-CLOSED B-3.274				
49222	A-198	John Deere Combines - Outer Air used w/49292	A	24.704	12.637	T-CLOSED B-7.873				
49223	A-169	Toyota (07-12)	AP	1.732	7.873	11.496				
49224	A-252	Acura TL S-Type w/ V6 3.5 (07-08)	AP	2.007	5.787	13.913				
49225	A-48	Nissan Cube (09-13), Versa (07-13)	AP	1.358	5.393	9.133				
49227	A-5	Generac Generators	A	3.190	6.670	5.100				
49229	A-255	BMW 550i, 650i (06-10)	AP	1.665	10.751	12.307				
49230	A-323	Honda CRV w/ L4 2.4L (2010-11)	AP	2.126	7.461	10.413				
49231	A-335	Various Solberg and Sullair Compressors	A	9.620	7.880	4.750				
49235	A-48	Mini Cooper (07-13) Hard-top	AP	2.000	5.140	14.375				
49240	A-255	Various Lexus (08-13)	AP	2.429	9.000	9.200				
49241	A-125	Audi A8L w/ W12 6.0L (05-09), S8 w/ V10 5.2L (07-09) - Takes 2 per application -1 per box	A	6.082	5.984	3.405				
49242	A-255	Volvo XC90 V8 4.4L (05-11)	AP	2.452	9.098	12.062				
49243	A-5	Various Audi (11-13)	A	7.360	6.340	T-1.200 B-3.538				
49244	A-48	Chevrolet Volt (11-13)	AP	1.785	7.125	7.531				
49246	A-47	Air Filter Wrap - Caterpillar	WRAP	.470						
49247	A-111	Mazda 3, CX5 (12-13)	AP	1.713	7.087	10.650				
49248	A-304	Pontiac G8 (08-10) - Caprice PPV (11-12) Cabin air	AP	.845	9.500	10.730				
49249	A-112	Van Hool Buses - Outer used w/ 46729 inner	RSOA	22.900	T-12.280 B-12.375	T-CLOSED B-6.980				

* AP=Air Filter Panel; RSOA=Radial Seal Outer Air; WRAP=Wrap For Air Filter

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
49250	A-111	Hyundai, Kia (10-13)	AP	1.670	8.976	11.000				
49255	A-112	Freightliner Classic XL, FLD120 Series Trucks	RSA	24.780	T-9.641 B-9.330	T-.472 B-5.153				
49256	A-112	New Holland Tractors - Intake Cabin air	RSA	13.965	6.130	T-CLOSED B-2.500				
49257		Various BMW w/ V8 4.4L Turbo (left side) (08-13) - right side is 49258	AP	2.817	11.750	15.500				
49258		Various BMW w/ V8 4.4L Turbo (right side) (08-13) - left side is 49257	AP	2.817	11.750	15.500				
49260	A-256	Mini Cooper (07-13) - Models with JCW upgrade.	AP	1.862	6.503	8.472				
49261	A-186	Mercedes Smart Car (04-07) diesel engine - Cabin Air	AP	1.574	7.716	8.031				
49262	A-186	Dodge Sprinter Vans (04-06) w. 2.7L - Cabin air	AP	1.090	6.750	15.000				
49264		Chevrolet Spark (13)	AP	1.084	6.160	11.400				
49265	A-170	Chevrolet Cobalt w/ 2.0L (08-10)	AP	1.677	8.375	9.375				
49266	A-37	Various Caterpillar Equipment (Cabin Air)	AP	2.560	11.730	16.850				
49267	A-86	J.C Bamford Equipment (Outer used w/ 49911 inner)	AF	9.250	T-8.380 B-7.810	T-.312 B-3.500				
49268	A-22	Komatsu Excavators - (Outer used w/ 49269 inner)	A	16.180	12.094	T-.669 B-7.708				
49269	A-22	Komatsu Excavators - (Inner used w/ 49268 outer)	A	15.177	T-7.310 B-8.500	T-.660 B-6.190				
49270	A-111	Honda Insight (10-13)	AP	1.682	6.000	6.800				
49271	A-287	Outer air used w/ 49272 Inner	A	15.500	T-5.370 B-6.321	T-CLOSED B-3.420				
49272	A-144	Fits Donaldson FRG06 Air filter Housing (Inner used w/ 49271 Outer)	A	14.890	T-3.350 B-3.570	T-CLOSED B-2.800				
49275	A-231	Case, JCB Equipment - Primary (Used w/ 49276 secondary)	PCOA	7.130	T-9.830 B-5.820					
49276	A-242	Case, JCB Equipment - Secondary (Used w/ Primary 49275)	PCIA	1.560	T-8.420 B-4.343					
49280	A-287	Tymco Street Sweepers - (Outer used w/ 49286 inner)	RSOA	16.380	T-6.990 B-8.740	T-CLOSED B-3.996				
49281	A-5	Ingersoll-Rand Compressors	A	7.000	14.980	8.000				
49283	A-25	Cummins Engines	A	16.500	T-15.090 B-11.130	T-.660 B-6.720				
49285	A-255	BMW 135i, 335i (11-13)	AP	1.271	10.322	11.188				
49286	A-144	Tymco Sweepers (Inner used w/ 49280 outer)	RSIA	15.750	T-3.880 B-4.141	T-CLOSED B-3.334				
49288	A-48	Chevrolet Impala (12-13), Equinox (13)	AP	2.913	7.185	11.811				
49290	A-143	Infiniti M45 (06-10)	AP	2.126	8.898	9.291				
49291	A-22	Inner used w/ 46497 outer	A	8.900	2.480	T-.520 B-2.020				
49292	A-163	John Deere Combines - Inner Air used w/49294 or 49222	A	23.740	7.106	T-CLOSED B-6.574				
49293	A-161	Volvo XC90 (07-13)	AP	2.846	8.602	9.027				
49294	A-195	John Deere Combines - Outer used w/ 49292 inner	A	24.704	11.692	T-CLOSED B-7.873				
49295	A-112	Dynapac Equipment	RSA	9.724	5.064	T-CLOSED B-3.200				
49300	A-231	Cadillac STS-V (06-09)	PCA	3.165	T-11.881 B-8.755					
49301	A-48	Smart fortwo w/1.0L 3 cyl. Gas engine (08-13)	AP	1.417	4.370	10.551				
49303	A-333	Kohler SV Series Engines	AP	1.732	4.366	5.669				
49304	A-5	Kolher Applications	A	4.205	4.560	3.160				
49306	A-334	Kolher Engines	AP	3.071	4.366	5.669				
49309	A-90	Volvo Penta Industrial Engines	A	27.640	9.890	T-CLOSED B-4.720				
49310	A-48	Lexus, Toyota (07-13) - two per application- one per box	AP	1.415	7.150	10.625				
49314	A-341	Chevrolet Silverado, GMC Sierra w/ 6.6L Diesel (11-13)	AP	2.989	9.560	13.050				
49320	A-48	Toyota Pruis (10-13), Lexus CT200H (11-13)	AP	1.437	7.362	8.661				

TECHNICAL DATA

* AF=Air Filter w/Fin; AP=Air Filter Panel; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air; PCA=Corrugated Style Air Filter; PCIA=Corrugated Style Inner Air; PCOA=Corrugated Style Outer Air
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
49327	A-112	Iveco Engines, Trucks	RSA	19.490	9.490	T-CLOSED B-4.880				
49328	A-6	White Trucks	A	7.050	T-11.730 B-11.250	7.750				
49330	A-223	Porsche 911 (09-12)	A	6.650	T-6.370 B-4.637	T-4.968 B-3.236				
49340	A-111	Suzuki SX4 (10-13)	AP	1.721	5.866	11.713				
49342	A-190	BMW X5 (09-12)	AP	2.193	10.060	12.750				
49343	A-342	Audi A6 w/ 2.0L Turbo (12-13)	A	4.800	6.420	T-1.200 B-3.090				
49344	A-255	Various Volvo (08-13)	AP	2.374	8.291	9.350				
49345	A-1	Sullair compressors	A	4.000	7.875	5.625				
49350	A-48	Various Toyota, Lexus (10-13)	AP	2.467	9.375	12.800				
49351	A-178	Smart fortwo w/ 3 cyl. 1.0L Gas Engine (08-12) - cabin air	AP	1.023	8.425	8.425				
49352	A-199	Various Nissan (07-13) - Cabin air	AP	.790	7.500	10.375				
49353	A-179	Kia Spectra (05-09), Kia Borrego (09-12)	AP	.669	8.268	9.409				
49354	A-199	Various Volvo (04-13)	AP	1.377	8.267	9.724				
49355	A-199	Various Volvo (07-13), Land Rover LR2 (08-13) - Cabin air	CA	1.299						
49356	A-275	Various Mercedes (03-13) - Cabin air (2 per carton)	AP	1.574	7.834	8.818				
49357	A-277	Various Mercedes (08-13) - Cabin air	AP	3.307	10.630	11.181				
49358	A-156	Toyota (08-12)	AP	.748	8.070	8.070				
49359	A-274	Subaru Forester (03-08) - Cabin air	AP	1.574	7.873	8.681				
49360	A-182	BMW 7 Series Vehicles (02-08) - Cabin air (2 elements per box)	AP	1.181	6.771	12.677				
49361	A-91	Various Audi (05-10) - Cabin Air	A	2.450						
49362	A-51	Various Infiniti (07-13), Nissan 370Z (09-13) - Applications take two (one per box)	AP	1.318	6.633	7.165				
49363	A-199	Mitsubishi (02-13) - Cabin air	AP	1.141	7.913	8.582				
49364	A-179	Saturn Astra (08-09) - Cabin air	AP	1.220	7.834	11.889				
49366	A-186	Dodge, Mercedes Sprinter Van 3.0L & 3.5L (07-13) - Cabin air	CA	1.377						
49367	A-179	Mini Cooper, Clubman (07-13) - Cabin air	CA	1.259						
49368		Saturn (08-10), Chevrolet Equinox, GMC Terrain (10-13), Chevrolet Captiva Sport (12-13) - Cabin air	AP	.787	8.858	10.039				
49369	A-186	Land Rover, Range Rover (05-14) - Cabin Air (carbon)	CA	1.181						
49370	A-291	Saab 9-5 (99-09) - Cabin air filter and a separate foam strip	AP	2.180	7.873	12.795				
49371	A-294	Various BMW (07-13) - Cabin air	CA	.787						
49372	A-182	Various BMW (97-05) - Cabin air - 2 per carton	AP	1.181	7.834	10.472				
49373	A-173	Mercedes (05-13) - Cabin air	CA	1.377						
49374	A-176	Various BMW (04-13) - Cabin air - 2 per box	AP	1.161	7.007	12.677				
49375	A-156	Various Audi (05-12) - Cabin air - 2 per Carton	CA	1.181						
49376	A-179	Various Mercedes (06-13) - Cabin air - 2 per carton	CA	1.496						
49377	A-199	Hyundai Elantra (07-13) - Cabin air	AP	.787	7.677	9.488				
49378	A-156	Lincoln LS (03-06) - Cabin air	AP	1.692	7.165	9.960				
49379	A-186	Various Jaguar (98-09) - Cabin air	AP	1.771	9.527	11.338				
49380	A-297	Various BMW Vehicles - (96-01) - cabin air - 2 per box	AP	1.417	7.165	14.980				
49381	A-298	Jaguar XK- XKR (07-13)	AP	1.771	7.185	10.157				
49382	A-301	BMW M3 w/ 4.0L (08-13) - Cabin air - 4 per box	AP	.875	3.812	8.625				
49384	A-331	Cat Marine Engines	A	12.125	T-7.125 B-9.000	T-5.825 B-7.700				
49388	A-112	Case, New Holland - Outer use with inner 49407 - NHL# 87409407	RSOA	14.000	12.060	T-CLOSED B-8.030				
49389	A-10	White Trucks - will supercede 42660	AF	12.00	T-15.77 B-13.86	T-.656 B-7.44				
49390	A-111	Honda CR-Z Hybrid (12-13)	AP	1.827	6.043	6.378				
49391	A-311	Donaldson XRB12 Series - Inner used w/ 49392 outer	A	19.645	T-5.035 B-5.940					
49392	A-312	Donaldson XRB12 Series - Outer used w/ 49391 inner	A	20.409	T-9.637 B-12.204					
49396	A-228	John Deere Equipment - Outer used w/ 49669 inner	RSOA	20.420	12.100	T-CLOSED B-10.438				

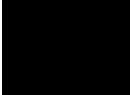
* AF=Air Filter w/Fin; AP=Air Filter Panel; RSA=Radial Seal Air Filter; RSOA=Radial Seal Outer Air; CA=Cabin Air Filter

° Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
49400	A-313	Kia Soul (10-11)	AP	2.139	5.156	9.680				
49401	A-136	JCB Loaders - Outer air used w/ 32905002 inner	A	8.570	T-6.870 B-6.250	T-.660 B-2.780				
49404	A-262	Various Mercedes (05-13)	AP	1.968	8.287	9.803				
49405	A-295	Mercedes E320 CDI (04-06)	A	17.007	T-4.409 B-4.685	T-CLOSED B-3.149				
49407	A-144	Case, New Holland - Inner use with 49388 outer	RSIA	12.198	T-7.660 B-8.130	T-CLOSED B-6.020				
49410	A-317	Kubota Equipment - (Outer used w/3272158242 or SBA314531175 inner)	A	7.000	3.540	T-CLOSED B-1.530				
49411	A-22	Inner air used for FTG air housing # AH1174 (outer air is # K82A707)	A	15.560	5.680	T-.640 B-4.940				
49415	A-163	Inner used w/ 46415 outer	A	11.181	T-2.421 B-2.736	T-.669 B-2.232				
49420	A-22	Massey-Ferguson (same as 42321 w/o the fins)	A	15.375	6.093	T-.660 B-3.505				
49421	A-48	SAAB 9-5 (10-12), Buick (11-13)	AP	1.673	10.177	11.417				
49427	A-310	Safety Air Filter for Donaldson FBK05 Series Housing - Primary is 49218	A	12.680	T-2.040 B-3.380	T-CLOSED B-2.486				
49429	A-169	Chev Colorado, GMC Canyon, H3 Hummer (08-12)	AP	2.100	9.875	12.310				
49430	A-48	Lexus RX 350 (10-13), Toyota (11-13)	AP	2.139	8.750	9.625				
49431	A-329	Atlas-Copco, Atlas-Weyhauser compressors, other	A	6.822	3.740	T-.334 B-1.692				
49432	A-112	Dodge Caliber SRT4 w/ 2.4L Turbo (08-09)	RSA	8.030	5.160	T-CLOSED B-2.760				
49433	A-112	Case MXM175, New Holland TM175, TM190 Tractors (Outer used w/ 49435 Inner)	RSOA	17.200	9.880	T-CLOSED B-5.310				
49434	A-86	CAT Excavators	AF	12.500	T-8.660 B-7.750	T-.660 B-3.470				
49435	A-144	Case MXM175, New Holland TM175, TM190 Tractors - (Inner used w/ 49433 Outer)	RSIA	16.590	T-5.150 B-5.480	T-CLOSED B-4.560				
49437	A-287	Donaldson G080582 Air Filter Housing (FRG Housing Series) - primary used w/ 46663 secondary	RSOA	15.04	6.12	T-CLOSED B-3.08				
49439	A-18	Case MXM Series Tractors; New Holland Tractors - Outer used w/ 49441 Inner.	A	15.629	T-9.645 B-8.464	T-.425 B-4.842				
49440	A-233	Volvo B7R, B12R Buses	PCA	8.250	T-12.400 B-12.000	T-.760 B-.755				
49441	A-306	Case, New Holland Tractors - Inner used w/ 49445 or 49439 outer	A	15.390	T-4.720 B-5.910	T-.420 B-4.025				
49443	A-125	Audi S6 (07-11)	A	4.850	5.940	T-CLOSED B-3.200				
49445	A-39	New Holland TM, TV Series Tractors - (Outer used w/ 49441 inner)	A	15.625	T-9.625 B-8.50	T-.380 B-4.80				
49447	A-47	Foam Pre-filter wrap used w/ 42447	WRAP	.250						
49448	A-22	Kobelco Excavators - (Outer air used w/ 49449 inner)	A	14.750	9.250	T-.625 B-5.880				
49449	A-22	Kobelco Excavators (Inner air used w/ 49448 outer)	A	12.880	5.560	T-.645 B-4.430				
49450	A-111	Hyundai, Kia (11-13)	AP	1.654	8.937	10.906				
49455	A-50	Cat Industrial Trucks - Cabin Air	AP	2.562	7.873	15.944				
49456	A-187	Kenworth T660 Trucks	PCA	11.360	T-17.350 B-10.680					
49458	A-30	Spin-on Breather for Cummins Engines	B	2.570	3.060	16X1.5 MM	Attached	2.74	2.46	.27
49459	A-112	Chevrolet HHR w/ 2.0L D.I. Turbo (08-10)	RSA	7.158	4.395	T-CLOSED B-2.701				
49460	A-111	Honda Fit (09-13)	AP	2.335	6.500	6.750				
49461	A-232	BMW 335 series (07-11) - BMW 135i (08-11) - BMW 535 series (08-12)	AP	1.454	9.880	11.375				
49462	A-195	Massey-Ferguson, Atlas-Copco, Bomag, Other (Outer air used w/ 49463 inner)	A	12.550	T-4.890 B-4.820	T-CLOSED B-3.020				
49463	A-177	Inner used w/ 49462 outer	A	11.988	T-2.283 B-2.543	T-CLOSED B-2.100				



TECHNICAL DATA

* AF=Air Filter w/Fin; AP=Air Filter Panel; B=Breather Filter; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air; WRAP=Wrap For Air Filter; PCA=Corrugated Style Air Filter
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
49464	A-195	M.A.N trucks, Mercedes Evobus	A	18.818	10.511	T-CLOSED B-6.299				
49465	A-255	BMW 335D w/ 3.0L Twin Turbo DI Diesel (09-11)	AP	2.767	9.212	11.795				
49466	A-303	Ford Escape (07-13), Mercury Mariner, Mazda Tribute (08-11) - Cabin air	AP	.830	7.250	12.375				
49468	A-347	BMW X3 w/ 3.0L Non-turbo (12)	AP	1.468	10.149	12.291				
49469		Air Filter (for Dust Collection)		54.000	T-6.680 B-5.700	T-3.030 B-CLOSED				
49470	A-195	Ingersoll-Rand Compressors	A	5.880	T-5.250 B-3.450	T-CLOSED B-2.940				
49471	A-50	John Deere, Hitachi Equipment - Cabin air	AP	1.460	8.580	16.380				
49475	A-269	Chevy Camaro, Caprice (10-13)	AP	2.139	9.250	11.160				
49477	A-48	Hitachi, Volvo Trucks + Equipment - Cabin air	AP	1.771	7.401	10.590				
49478	A-327	Freightliner Trucks	AP	5.230	9.270	26.180				
49480	A-323	Hyundai Elantra L4 1.8L (11-13)	AP	2.090	6.440	10.150				
49490	A-222	Replacement air filter element for Air Filter Housing 24490 - Can be used to replace filter element 42731	AP	4.295	6.497	15.075				
49491	A-112	Kubota Tractors (Outer used w/49492)	RSOA	13.980	6.380	T-CLOSED B-3.560				
49492	A-144	(Inner used w/49491)	RSIA	13.50	T-3.43 B-3.700	T-CLOSED B-2.87				
49494	A-25	Various Kubota	A	11.500	T-7.000 B-5.250	T-.560 B-2.840				
49498	A-269	Cadillac CTS (08-13)	AP	2.115	9.375	11.375				
49499	A-269	Cadillac CTS-V (09-13)	AP	1.963	9.338	11.338				
49500	A-48	Jaguar XK, XK8 (07-09)	AP	2.283	6.338	9.685				
49501	A-231	Cat, Claas - primary used w/ 49502 secondary	PCA	7.755	T-11.562 B-10.425	T-8.925 B-7.779				
49502	A-229	Cat, Claas - secondary used w/ 49501 primary	ARP	1.922						
49504	A-48	Various Mercedes w/ AMG engines (07-13) - 2 per box	AP	.984	6.141	12.204				
49510	A-22	Komatsu - inner air used w/ 42225 outer (has deeper draw on endcap than 42226 inner - required for certain Komatsu applications)	A	15.500	7.280	T-.625 B-6.200				
49511	A-123	Inner air used w/ 46510 outer	A	12.244	T-3.248 B-3.346	T-.318 B-2.865				
49518	A-307	Hyster, Yale Equipment	A	10.520	T-3.410 B-4.660	T-CLOSED B-2.138				
49519	A-289	Blue Bird School Buses - has lid attached w/ bale handle	RSA	11.35	T-11.91 B-10.122	T-CLOSED B-4.87				
49520	A-242	Freightliner M2 Trucks, John Deere Tractors - Secondary (paper media) used w/ 42812 or 49945 primary	ARP	1.480	T-9.321 B-8.739					
49522	A-48	Saturn Astra (08-09)	AP	1.653	9.251	11.692				
49523	A-144	Donaldson FRG Air Housing - Outer used w/ 49524 inner	RSOA	18.500	12.090	T-CLOSED B-6.780				
49524	A-144	Inner used w/ 49523 outer	RSIA	18.030	T-6.520 B-6.890	T-CLOSED B-5.240				
49525	A-179	Jaguar XF, XFR (09-13) - Cabin air	AP	1.190	7.550	7.750				
49530	A-111	Acura, Honda (12-13)	AP	2.350	6.417	10.197				
49539	A-312	Primary air for Donaldson XRB10 Series Housing (Safety filter is 49540)	A	18.850	T-8.240 B-10.000	T-CLOSED B-5.690				
49540	A-311	Safety filter for Donaldson XRB10 Series Housing (Primary is 49539)	A	18.270	T-4.400 B-5.300	T-CLOSED B-3.700				
49545	A-258	BMW X3, Z4 w/ 3.0L (07-13)	AP	1.862	8.936	11.204				
49548	A-144	Various Chevrolet/GMC and Isuzu HD Equipments - Inner air for # 42824 Outer	RSIA	17.730	T-4.300 B-4.720	T-CLOSED B-3.420				
49549	A-195	Volvo Generators	A	18.307	9.133	T-CLOSED B-5.905				
49550	A-330	Cat Marine Engines	A	7.000	T-8.375 B-8.438	T-CLOSED B-6.500				
49555	A-48	Various BMW (08-13)	AP	1.406	10.310	11.000				
49557	A-216	Secondary air used with 49667 or 49677 primary	PCIA	2.310	T-14.691 B-9.470					

* AP=Air Filter Panel; ARP=Air Filter Round Panel; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air; PCA=Corrugated Style Air Filter; PCIA=Corrugated Style Inner Air

° Housing gasket not packaged with filter - order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
49558	A-195	Mercedes Trucks	A	20.984	10.511	T-CLOSED B-6.299				
49560	A-216	Safety Filter (secondary) for Donaldson PSD10 Series Air Cleaner Assemblies - (used w/49676 Primary)	PCIA	1.574						
49561	A-112	Wilson Generators	RSA	16.440	10.980	T-CLOSED B-5.810				
49562	A-20	Furukawa Rock Drill	A	20.250	7.940	T-.660 B-3.560				
49568		Air Breather element - retrofits crankcase ventilation systems for various diesel engines	A	12.30	6.240	T-CLOSED B-3.270				
49570	A-111	Infiniti M35 (07-10), M37 (11-13) - takes 2 per change - 2 per box	AP	1.752	6.969	8.189				
49572	A-159	CAT Engines, Generators	A	8.370	10.580	T-CLOSED B-5.995				
49575	A-331	CAT Marine Engines	A	10.350	8.781	T-CLOSED B-7.438				
49576	A-123	Inner used w/ 46779 outer	A	19.250	T-4.090 B-4.840	T-.625 B-3.650				
49578	A-54	Cat Generators, Engines (Outer used w/ 49579 inner)	A	18.310	19.280	T-CLOSED B-12.870				
49579	A-13	Caterpillar Generators, Marine Engines (Inner used w/ 49578 outer)	A	18.250	T-12.780 B-15.630	T-CLOSED B-10.290				
49580	A-47	Air filter wrap for 46580	WRAP	.500						
49585	A-308	BMW X5, X6 (07-13) - Cabin air - 2 per application - 2 per box	AP	1.339	5.433	11.535				
49587	A-228	Bobcat Loaders - Outer used w/ 49588 inner	RSOA	12.106	6.358	T-CLOSED B-4.881				
49588	A-225	Bobcat Loaders - Inner used w/ 49587 outer	RSIA	11.259	T-3.326 B-4.921	T-CLOSED B-2.834				
49590	A-48	Chevrolet Sonic (12-13)	AP	1.970	6.770	9.450				
49591	A-343	Set of 4 "bag" style air filters for locomotives. Has oil moistened media.	A	6.375						
49592	A-144	Inner used w/ 42801 Outer	RSIA	11.500	T-2.340 B-2.420	T-CLOSED B-1.810				
49593	A-48	Land Rover w/ 5.0L engines (10-14) - requires 2 per change - 1 per box (must order 2 per change-out)	AP	1.574	6.417	13.661				
49594	A-86	JC Bamford Equip	AF	11.980	T-6.810 B-6.380	T-.590 B-2.830				
49596	A-315	New Holland (Outer air used w/ 49597 inner)	A	12.500	T-10.000 B-8.500	T-.600 B-4.830				
49597	A-306	Inner air used w/ 49596 outer	A	12.240	T-4.720 B-5.915	T-.420 B-4.020				
49599	A-310	Safety Air Filter for Donaldson FBK06 Series Housing (Primary is 49221)	A	12.790	T-2.440 B-3.870	T-CLOSED B-2.865				
49600	A-143	Kia Borrego (09-12)	AP	1.444	8.380	11.750				
49601	A-318	Ford Mustang Bullitt (2009)	A	10.384	T-6.102 B-5.094	T-CLOSED B-3.922				
49604	A-254	Ford Fiesta (11-13), C-MAX (12-13)	AP	2.323	6.378	7.717				
49605	A-144	CAT F Series Mining trucks - Inner used w/ 49606 outer	RSIA	22.625	T-11.110 B-11.610	T-CLOSED B-9.290				
49606	A-112	CAT F Series Mining trucks- Outer used w/ 49605 inner	RSOA	24.125	T-17.750 B-17.760	T-CLOSED B-11.460				
49609	A-25	John Deere, Fiat, Same, Daewoo, Lieherr, Other (Outer used w/ 42921 inner)	A	16.530	T-10.870 B-10.030	T-.400 B-4.800				
49610	A-111	Acura MDX, ZDX (10-13)	AP	2.184	7.000	11.000				
49616	A-163	ABG Equipment, Atlas Copco, Deutz, Fendt, Iveco, Komatsu, Poclain, Renault, Other - Inner used w/ 46430 outer	A	12.854	T-2.677 B-3.149	T-.670 B-2.610				
49620	A-125	Audi A8, A8L (04-10)	A	7.263	5.894	3.405				
49630	A-252	Honda CR-V (12-13)	AP	2.047	7.736	10.118				
49631		Clark Forklifts - hydraulic breather	B	2.221	3.020	T-CLOSED B-1.594				
49633	A-144	Volvo HD Trucks - Inner used 46772 outer	RSIA	15.660	T-7.440 B-7.880	T-CLOSED B-6.200				

TECHNICAL DATA

* AF=Air Filter w/Fin; AP=Air Filter Panel; B=Breather Filter; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air; WRAP=Wrap For Air Filter; PCIA=Corrugated Style Inner Air

® Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
49634	A-250	GMC Acadia, Saturn Outlook (07-13), Buick Enclave (08-13), Chevy Traverse (09-13)	AP	1.730	11.880	14.000				
49636	A-113	Ford, Sterling Trucks	RSA	17.220	T-12.900 B-13.050	T-CLOSED B-6.780				
49640	A-169	Mazda 2 (11-13)	AP	2.323	7.913	12.362				
49641	A-345	BMW X5, X6 (10-13) - Right Side (49642 - Left Side)	AP	3.259	4.133	12.732				
49642	A-345	BMW X5, X6 (10-13) - Left Side (49641 - Right Side)	AP	3.259	4.133	12.732				
49644	A-328	John Deere Tractors - Cabin air	AP	1.880	6.600	12.600				
49650	A-244	Hyundai Genesis, Equus w/ V8 5.0L (12-13)	AP	.846	3.051	8.543				
49651		Camaro ZL1 (12-13)	AP	2.144	9.263	11.192				
49660	A-115	Farr ECO-Style Air Filter	A	19.750	11.000	6.875				
49661	A-22	Caterpillar 420 Series Backhoes, Loaders	A	9.500	6.093	T-.660 B-3.468				
49665	A-187	Primary air filter for Donaldson PSD09 Series air housing # D090019 or D090020 - (secondary is 42795)	PCOA	7.260						
49666	A-187	Air Filter for Donaldson PSD10 Series Air Cleaner Assemblies - used on Ford medium duty trucks	PCA	7.350						
49667	A-187	Primary air for Donaldson PSD12 Series Air Assemblies - (used w/ 49557 secondary)	PCOA	9.310	T-15.620 B-11.020					
49669	A-112	John Deere - Inner air used w/ 49396 outer	RSIA	19.950	7.116	T-CLOSED B-5.850				
49670	A-111	Hyundai Santa Fe (13)	AP	1.476	9.016	11.850				
49673		Breather Filter for Spiracle crankcase ventilation systems for various diesel trucks and equipment	B	8.086	5.090	T-CLOSED B-2.130				
49675	A-187	Primary air filter for Donaldson housing # D090021 or D090022 (PSD09 Series) (used w/ 42795 secondary)	PCOA	11.210						
49676	A-187	Primary Air for Donaldson PSD10 Air Cleaner Assemblies - (used w/49560 Secondary)	PCOA	11.210						
49677	A-187	Mack TerraPro Trucks w/ MP8 Engine - Primary (secondary is 49557)	PCA	13.250	15.620					
49690	A-287	Donaldson G100395 Air Filter Housing (FRG Housing Series) - primary used w/ 46766 secondary	AF	16.500	T-8.180 B-9.330	T-CLOSED B-4.170				
49691	A-112	Agco, Massey-Ferguson Tractors	RSA	7.250	3.730	1.665	None			
49696	A-90	Donaldson ECB Series Air Filter	A	16.360	12.580	T-CLOSED B-5.995				
49697	A-4	Onan Quiet 7500 Diesel Generator	A	4.047	T-6.586 B-4.444	T-5.265 B-2.825				
49699	A-48	New Holland Equipment - Cabin air	AP	2.019	5.052	14.950				
49700	A-316	Suzuki SX4 (07-13) -Cabin air	AP	1.870	7.625	8.500				
49701	A-338	BMW 750, 760 Series (06-08)	AP	2.263	7.192	11.519				
49704	A-48	Various Mercedes (11-13) - 1 per box (takes 2 per change)	AP	1.584	5.295	12.677				
49706	A-48	Waukesha VHP 12 & 16 cyl Stationary Engines	AP	3.750	19.390	25.404				
49708	A-228	Various Fleetguard/Cummins Air Housings # AH19724, AH19257, AH19266	RSA	20.511	11.062	T-CLOSED B-7.913				
49710	A-177	Atlas-Copco, Bomag, Grove Cranes - (Inner used w/ 49711 outer)	A	20.539	T-5.492 B-5.342	T-CLOSED B-4.877				
49711	A-198	Atlas-Copco, Bomag, Grove Cranes, Other (Outer used w/ 49710 inner)	A	21.220	9.448	T-CLOSED B-5.787				
49714	A-267	BMW M5, M6 (06-09) (Left-side air filter - right-side is 49715)	AP	2.250	9.250	10.150				
49715	A-267	BMW M5, M6 (06-10) (Right-side air filter - left-side is 49714)	AP	2.250	9.250	10.150				
49719	A-218	Arctic Cat 700 ATV Diesel (07-09) - Outer air used w/ 49720 inner	A	7.047	3.622	T-CLOSED B-2.322				
49720	A-144	Arctic Cat 700 Diesel ATV (07-09) - Inner air used w/ 49719 outer	A	7.200	2.161					
49721	A-299	Kawasaki Ninja 250R motorcycle (08-09)	ANT	.786						
49722	A-280	Kawasaki KLR650, KLX650, Tengai KL650 motorcycles (90-09)	ANT	3.000	T-4.917 B-5.661	T-.366 B-3.730				
49724	A-112	Saab-Scania Trucks - Outer used w/ 1387549 Inner (N/R).	RSOA	17.580	11.900	T-CLOSED B-6.620				
49727	A-212	Chevrolet Equinox, GMC Terrain (10-13)	AP	2.144	8.907	11.026				
49728	A-48	Mini Cooper S (07-13), Mini Clubman (08-13)	AP	1.585	5.755	14.280				

* AF=Air Filter w/Fin; AP=Air Filter Panel; B=Breather Filter; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air; PCA=Corrugated Style Air Filter; PCOA=Corrugated Style Outer Air; ANT=Air Filter No-Toil

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
49729	A-310	Safety Air Filter for Donaldson FKB04 Series Housing (outer element is # P604457)	A	10.290	T-2.650 B-2.590	T-CLOSED B-1.735				
49730	A-190	Chevrolet Cruze w/ 1.8L (11-13), Buick Verano (13)	AP	1.673	9.803	10.079				
49737	A-206	Dodge Grand Caravan, Chrysler T&C w/ V6 3.6L (11-13), VW Routan (11-13)	AP	1.800	9.776	12.768				
49739	A-190	Chevrolet Cruze, Orlando (11-13), Buick Verano (12-13)	AP	1.673	10.197	10.472				
49740	A-169	Scion iQ w/ 2.5L (12-13)	AP	1.378	5.374	13.091				
49741	A-125	Volvo Articulated Hauler, Wheel Loaders (Hyd Tank Breather)	A	2.755	4.170	T-CLOSED B-2.480				
49742	A-307	Hyster, Yale&Towne Equipment - Flame retardant media	A	13.030	T-5.120 B-5.940					
49746	A-304	Chrysler, Dodge (11-13)	AP	1.468	9.118	14.232				
49750	A-302	Honda Accord L4 2.4L (13)	AP	2.303	7.657	11.910				
49752	A-112	Various Case Combines - Cabin Air	RSA	22.250	7.125	T-CLOSED B-2.700				
49756	A-48	Dodge Durango, Jeep Grand Cherokee (11-13)	AP	2.198	8.810	9.625				
49760	A-111	Honda Accord V6 3.5L (13)	AP	2.047	7.421	12.126				
49766	A-144	Tiger Cat (Inner air used w/ 49767 outer)	RSIA	13.000	T-4.420 B-4.760	T-CLOSED B-3.170				
49767	A-112	Tiger Cat 720D Feller Buncher w/ Cummins Eng (Outer used w/ 49766 inner)	RSOA	13.500	9.400	T-CLOSED B-4.720				
49770	A-112	Komatsu Equipment, Saab-Scania (Outer used w/46771) - does not contain plastic air deflector shield (46770 is the same filter with the deflector shield) - Do not use the 49770 unless the air filter housing contains an internal air deflector shield	RSOA	20.500	12.310	T-CLOSED B-6.990				
49774	A-5	Hatz Diesels	A	3.661	6.496	3.464				
49779	A-228	IHC, Ford Cab Forward Trucks w/ IHC VT275 (4.5L) Engine	RSA	16.750	8.875	T-CLOSED B-7.250				
49781	A-22	Military Ground Equipment	A	28.500	T-13.884 B-13.845	T-.660 B-7.455				
49782	A-177	Inner used w/ 49783 outer	RSIA	15.216	T-4.673 B-4.511	T-CLOSED B-4.020				
49783	A-195	Agco, Atlas Copco, Cat, Deutz, JCB, Massey-Ferguson, Other (Outer used w/ 49782 inner)	RSOA	15.910	T-8.710 B-8.660	T-CLOSED B-4.880				
49793	A-47	Air filter wrap 46793	WRAP	.625						
49800	A-252	Suzuki Grand Vitara (09-13)	AP	1.995	8.500	9.500				
49801	A-36	Pierce Arrow Fire Trucks	A	19.680	10.920	T-CLOSED B-7.000				
49802	A-144	Transcold Refrigeration Units	RSA	10.160	T-4.110 B-4.480	T-CLOSED B-2.660				
49810	A-177	Ag-Chem TerraGator, CAT, Grove Cranes, I-R, Other - Inner used w/ 49811 Outer	RSIA	22.539	T-7.787 B-7.641	T-CLOSED B-7.000				
49811	A-198	Ag-Chem TerraGator, CAT, Grove, I-R, Other - Outer used w/ 49810 inner	RSOA	23.300	11.730	T-CLOSED B-8.020				
49813	A-48	Various Caterpillar - Cabin air	AP	2.290	5.300	20.880				
49817	A-48	Chev/GMC Kodiak, Top-Kick C4500, C5500 w/6.6L Duramax Diesel (08-on)	AP	2.264	9.250	17.050				
49820	A-48	Komatsu Equipment - Cabin air	AP	1.845	10.100	12.375				
49825	A-305	Mini Cooper, Clubman (07-13) w/manual transmission	AP	2.214	3.326	19.468				
49827	A-22	Inner used w/ 42701 outer	A	28.125	9.880	T-.500 B-8.000				
49828	A-90	Donaldson Ecolite Air Series (Housing + filter together)	AFH	6.330	8.570	T-2.960 B-CLOSED				
49832	A-112	Chev/GMC C6500, C7500 & C8500 w/Isuzu L6 7.8L	RSA	19.795	7.821	T-CLOSED B-4.831				
49842	A-165	Various Audi (04-09)	AP	2.767	8.366	10.492				
49843	A-48	Audi, VW (06-11)	AP	1.468	6.826	15.929				
49846	A-268	Various Audi (05-11)	A	7.540	6.500	T-1.188 B-3.310				
49847	A-86	Cat, Hitachi, New Holland, Other - Outer used w/ 42921 inner	AF	16.500	T-11.000 B-9.770	T-.450 B-5.310				
49859	A-307	Hyster & Yale	A	12.860	T-4.030 B-5.403	T-CLOSED B-2.915				

TECHNICAL DATA

* AF=Air Filter w/Fin; AP=Air Filter Panel; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air; WRAP=Wrap For Air Filter; AFH=Air Filter Housing
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
49860	A-144	John Deere Forestry Equipment - Inner used w/ 46607 outer	RSIA	15.705	T-5.560 B-5.910	T-CLOSED B-4.392				
49868	A-144	Inner used w/ 49021 outer	A	13.100	T-3.340 B-4.930	T-CLOSED B-2.795				
49870	A-332	Cat Marine Engines	A	15.000	T-7.250 B-12.250	T-CLOSED B-10.125				
49872	A-218	Atlas-Copco Equipment	A	5.291	4.645	2.637				
49873	A-170	Pontiac G8 (08-10) - Chevrolet Caprice (11-12)	AP	2.047	9.469	13.032				
49876	A-48	Dodge Sprinter Van w/ V6 3.0L Diesel, 3.5L Gas Engines (07-12)	AP	2.200	10.500	14.000				
49879	A-90	Cat Generators	A	13.350	12.550	T-CLOSED B-6.030				
49883	A-48	Ford Expedition, Lincoln Navigator, Super Duty PU (07-13)	AP	2.545	9.950	10.494				
49884	A-8	Hyundai Excavators, Loaders & Shovels - Primary used w/ 49032 secondary	AF	19.820	T-7.960 B-9.810	T-.750 B-5.380				
49886	A-187	Ford F Series Superduty Pickup w/ 6.4L Powerstroke diesel (08-10)	PCA	8.783	T-11.889 B-6.389	T-10.625 B-4.900				
49888	A-48	BMW X5 w/ 3.0L (07-10)	AP	1.505	9.551	13.992				
49890	A-255	Ford Focus I4 2.0L (08-11)	AP	2.331	7.750	8.500				
49893	A-112	Ford Escape (09-12), Mazda Tribute, Mercury Mariner (09-11) w/ V6 3.0L	RSA	10.240	6.000	T-CLOSED B-3.121				
49894	A-48	Buick, Chev (10-13)	AP	1.680	10.211	11.411				
49896	A-247	Ford Shelby Mustang (10-12)	A	9.054	T-5.661 B-7.531	T-CLOSED B-5.591				
49897	A-255	BMW X5 w/ 4.8L (07-10) - (Left side air filter - Right side air is 49898)	AP	1.505	9.035	11.629				
49898	A-255	BMW X5 w/ 4.8L (07-09) - (Right side air filter - left side air filter is 49897)	AP	1.505	9.035	11.629				
49900	A-234	Kia Amanti (07-09)	AP	1.791	8.464	11.417				
49901	A-320	Ford Transit Connect L4 2.0L - (10-13)	AP	2.440	8.212	9.954				
49902	A-326	Ford Super Duty PU w/ 6.7L diesel (11-13)	AP	4.123	6.758	14.079				
49904	A-257	Caterpillar Equipment - Cabin air	AP	1.385	6.500	9.720				
49907	A-48	BMW 750iL (96-01), X5 (01-06)	AP	2.293	5.905	11.240				
49908	A-90	Volvo Equipment	B	3.490	T-3.450 B-3.345	T-CLOSED B-.866				
49910	A-319	Freightliner M2 Series Trks, Thomas Buses (Secondary used w/ 42809 or 49959 Primary)	ARP	1.030	T-10.500 B-9.100					
49911	A-15	JCB Excavator (Inner used w/ 49267 outer)	A	7.750	T-3.360 B-4.200	T-.720 B-2.940				
49912	A-112	CAT Equipment - Radial Seal Cabin Air	RSA	11.750	6.500	T-CLOSED B-3.700				
49913	A-218	Mercedes Evobus, Rigmaster Auxiliary Power Units	A	3.110	3.936	2.637				
49916	A-48	Honda Power Equipment	AP	.846	4.53	5.24				
49917	A-14	John Deere - inner used w/ 46816 outer	A	21.800	T-7.250 B-8.375	T-.625 B-6.250				
49920	A-48	Volkswagen Touareg Hybrid (11-12)	AP	2.374	7.322	15.236				
49923	A-346	Cummins disposable air filter housing (filter and housing together as one unit)	A	14.763	16.850					
49926	A-48	Chrysler, Dodge (07-13)	AP	1.338	8.464	9.291				
49933	A-48	Dodge Nitro (07-11), Jeep Liberty (08-12)	AP	2.283	9.074	11.492				
49945	A-233	John Deere Tractors - Primary used w/ 49520 secondary	PCOA	9.160	T-10.330 B-9.890	.750				
49946	A-48	Dodge Ram P/U w/ 5.9L Turbo Diesel (03-09) - Has 4" Pleat	AP	4.00	10.000	10.750				
49959	A-210	Freightliner M2 Series Trks - Flame retardant version of 42809 (Primary used w/ 42810 secondary (foam media)	PCOA	7.996	T-12.854 B-10.000	T-CLOSED B-.750				
49960	A-210	Freightliner M2 Trucks - Flame Retardant version of 42812 (Primary used w/ 42810 secondary)	PCA	8.031	T-14.854 B-12.060					
49961	A-22	Volvo Trucks - Outer used w/ 49962 inner	A	9.500	6.125	T-.375 B-3.472				
49962	A-144	Volvo Trucks (Inner used w/ 49961 outer)	A	17.598	T-7.480 B-8.003	T-CLOSED B-7.027				

* AF=Air Filter w/Fin; AP=Air Filter Panel; ARP=Air Filter Round Panel; B=Breather Filter; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; PCA=Corrugated Style Air Filter; PCOA=Corrugated Style Outer Air

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
49966	A-198	Volvo-Penta Marine Engines	RSA	19.280	11.900	T-CLOSED B-7.450				
49968	A-144	Inner used w/ 49978 outer	RSIA	9.350	T-2.251 B-2.149	T-CLOSED B-1.788				
49972	A-112	Ingersoll-Rand Compressors - Outer used w/ 49973 inner	RSOA	16.750	8.780	T-CLOSED B-5.500				
49973	A-144	I-R Compressors - Inner used w/ 49972 Outer	RSIA	15.775	T-5.170 B-5.680	T-CLOSED B-3.810				
49978	A-195	Holder Tractors, Kaeser Compressors, Kubota - Outer used w/ 49968 inner	A	9.880	4.570	T-CLOSED B-2.590				
49979	A-244	Volvo Loaders, Haulers - Cabin Pre-cleaner	AP	1.730	4.840	17.130				
49980	A-243	Volvo Articulated Hauler, Loaders - Cabin Air	AP	2.440	11.260	19.130				
49990	A-112	Mack Freedom Series Trucks	RSA	14.677	9.685	T-CLOSED B-4.940				
49991	A-112	Superior Sweeper (Outer used w/ 49992 inner)	RSOA	16.797	T-8.818 B-8.814	T-CLOSED B-5.181				
49992	A-139	Superior Sweeper (Inner used w/ 49991 outer)	RSIA	15.747	T-5.165 B-5.354	T-CLOSED B-4.100				
49993	A-112	Case/NewHolland - Outer used w/ 46569 inner - has plastic deflector shields	RSOA	13.873	T-6.450 B-6.397	T-CLOSED B-3.670				
49996	A-112	Toyota Forklifts, Komatsu - Has Flame Retardant media	RSA	14.000	6.480	T-CLOSED B-3.560				
49997	A-231	Chevy Corvette (06-13)	PCA	5.118	T-15.519 B-5.322	T-13.393 B-4.160				
49998	A-115	Bluebird buses	A	19.625	13.500	6.875				
51001		GMC Trucks (60-61), Clark Ross Lift-Trucks, Detroit, Gray Marine	CLM	5.500	3.718	T-.480 B-.552	15018 15002	4.687 4.421	4.25 3.687	.062 .062
51002		Allis-Chalmers, Barber Greene, Bucyrus-Erie, Galion, Hough, IHC Trucks (60-66), Koehring (Sock Type)	CLS	5.250	4.197	T-.775 B-1.476	Packed 15009	4.515 4.796	3.985 4.156	.062 .062
51004		Allis-Chalmers, Austin-Western, Case, Clark, Eicher, Grove, Hough, Hyster, Ford Cars/Trucks, I-R, Iveco, Lorain, Other	CLM	4.809	3.984	.765	15090	4.955	4.4	.062
51005		Allis-Chalmers, Detroit, Gray Marine	CLM	6.110	3.970	.710	Packed	4.421	3.687	.062
51006		ABG, Allis-Chalmers, Barber Greene, Bucyrus-Erie, Case, Clark, Continental, Deutz, Gray Marine, Hercules, Ford (39-51), Hough, Hyster, IHC, Rambler (57), Other	CLM	5.007	4.094	.553	15017	4.736	4.3	.072
51009		Mercedes B200 (06-11) - Canada only	CLMF	3.523	2.248	T-.375 B-.900	None			
51010		Various Equip. w/ Continental, Hercules, Kolher, Wisconsin Engines - also Ford, Mercedes (73-75), Porsche (58-69)	CLM	4.375	3.718	.553	15016 15480 [§]	4.191 4.448	3.793 4.134	.075 .157
51011		Clark, Dodge Trucks (46-60), Flibe Bus, Hercules, Hyster, IHC, Other (Sock Type)	CLS	5.562	4.063	T-.539 B-1.885	Packed	4.515	3.985	.062
51012		Allis-Chalmers, Clark, Renault	CLM	9.250	3.981	1.406	15017	4.736	4.3	.072
51021		Aero-Coach Buses, American LaFrance, Bussing, Case, Clark, Michigan, Reo, Other	CLM	7.625	4.156	.553	15017 15188	4.736 5.165	4.3 4.57	.072 .085
51030		Agco, Allis Chalmers, Chev w/Isuzu Engines, Fiat-Allis, Mack	CLM	8.870	6.500	3/8-24	Packed 15020 [§] 15168 [§]	8.312 7.104 7.486	6.687 6.75 7.018	.031 .031 .234
51032		Quincy Compressors, Ducati	SLUBE	3.404	2.921	16X1.5 MM	Attached	2.734	2.430	.226
51034		Chevy LUV (72-75), Ford Fiesta, MG, Toyota (68-89), TCM, Toyota Forklifts, Komatsu, Kubota	SLUBE	4.526	2.921	3/4-16	Attached	2.734	2.430	.226
51036		GM Cars + Trucks (80-05), Mercruiser, Volvo-Penta	SLUBE	4.828	2.921	18X1.5 MM	Attached	2.734	2.430	.226
51036MP		Master Pack containing (12) 51036	MP	4.828	2.921	18X1.5 MM	Attached	2.734	2.43	.226
51038		Chevrolet Corvair (60-69)	SLUBE	4.751	3.409	7/16-20	Attached Attached	3.225 2.040	2.995 1.770	.227 .155
51040		Daewoo (99-02), Chevrolet - GM Cars/Trucks (76-12), Saab (94-98)	SLUBE	3.404	2.921	18X1.5 MM	Attached	2.734	2.430	.226
51040MP		Master Pack containing (12) 51040	MP	3.404	2.921	18X1.5 MM	Attached	2.734	2.43	.226
51042		Various GM Cars & Trucks (75-76) (96-12) - Various Light Duty applications - Chevrolet, Buick, Cadillac (75-12)	SLUBE	3.404	2.921	13/16-16	Attached	2.734	2.430	.226
51042MP		Master Pack version of 51042	SLUBE	3.404	2.921	13/16-16	Attached	2.734	2.43	.226
51045		GM Family of Cars V-8 (77-92)	SLUBE	4.828	2.921	13/16-16	Attached	2.73	2.43	.19
51046		Various Chevy/GMC (62-69), Mercruiser	SLUBE	3.790	3.660	13/16-16	Attached	3.444	3.1	.26
51049		GM Family of Cars (59-67)	SLUBE	5.178	3.660	13/16-16	Attached	2.834	2.462	.175

TECHNICAL DATA

* AP=Air Filter Panel; CLM=Cartridge Lube Metal Canister Filter; CLMF=Cartridge Lube Metal Free Filter; CLS=Cartridge Lube Sock Filter; RSA=Radial Seal Air Filter; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air; SLUBE=Spin-On Lube Filter; MP=Master Pack; PCA=Corrugated Style Air Filter
[§] Housing gasket not packaged with filter - order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
51050		Allis-Chalmers, Fiat, Continental, GM, Hyster, Isuzu, Iveco, Towmotor, Other - By-pass filter - can be used w/ 24755 or 24098 bases	SLUBE	5.178	3.660	5/8-18	Attached	2.834	2.462	.200
51051		IHC, Bandit, Bobcat, Wiscousin, Vermeer, Other - By-pass filter - can be used w/ 24755 or 24098 bases	SLUBE	4.338	3.660	5/8-18	Attached	2.834	2.462	.200
51052		John Deere Tractors with M&W Turbocharger	SLUBE	5.157	3.670	5/8-18	Attached	2.729	2.415	.200
51056		Various Lawn & Garden Equip. + Small Tractors w/Briggs & Stratton, Hatz, Kawasaki, Kohler, Lister Engines	SLUBE	2.707	2.921	3/4-16	Attached	2.734	2.430	.226
51056MP		Master Pack version of 51056	SLUBE	2.707	2.921	3/4-16	Attached	2.734	2.43	.226
51058		Michigan 480 Tractor Dozer	TCCF	14.250	5.980	3.500	None			
51060		Chevrolet/GMC Trucks (91-05), Hummer (93-06)	SLUBE	5.178	3.660	13/16-16	Attached	3.444	3.100	.260
51060MP		Master Pack containing (12) 51060	MP	5.178	3.660	13/16-16	Attached	3.444	3.1	.26
51060R		Racing Applications Only	SLUBE	5.170	3.600	13/16-16	Attached	3.444	3.100	.260
51061		Chevrolet and GMC Trucks (63-90) - (Two Quart Version is 51794)	SLUBE	5.178	3.660	13/16-16	Attached	3.444	3.1	.26
51061MP		Master Pack Containing (12) 51061	MP	5.178	3.660	13/16-16	Attached	3.444	3.1	.26
51061R		Racing Applications	SLUBE	5.178	3.660	13/16-16	Attached	3.444	3.1	.26
51062		Chrysler (46-56), Clark, Hercules, Unit Crane/Shovel, Wayne Sweepers	CLM	6.526	3.278	1.035	15064 15062 15085 [®]	4.154 4.687 4	3.562 3.75	.062 .062 .125
51064		Airman, Bolen, Case, Hitachi, Jacobsen, I-R, John Deere, Kubota, Vermeer, Yanmar (Heavy Duty) - Kia, Hyundai, Mitsubishi Transmissions, Other - (99-12)	SLUBE	2.988	3.234	20X1.5 MM	Attached	2.475	2.173	.233
51064MP		Master Pack version of 51064	SLUBE	2.944	3.243	20X1.5 MM	Attached	2.475	2.173	.233
51066		LeTourneau-Westinghouse	CLM	9.715	2.718	1.031	15061 15095 15097 [®]	4.062 4.031 3.5	3.343 3.468 3.281	.062 .093 .067
51067		Ford Ranger, Bronco II w/Mitsubishi Diesel (85-87), Mitsubishi Fuso Trucks	SLUBE	5.362	4.016	26X1.5 MM	Attached	2.874	2.600	.125
51068		Agco Tractors, Chrysler (70-91), Ford/Mercury (83-97), Kubota Engines, Land Rover (95-04), Toyota (68-90)	SLUBE	4.338	3.660	3/4-16	Attached	2.834	2.462	.200
51068MP		Master Pack Containing (12) 51068	MP	4.338	3.660	3/4-16	Attached	2.834	2.462	.2
51069		GM Family of Cars/Trucks (64-97)	SLUBE	4.338	3.660	13/16-16	Attached	3.444	3.1	.26
51069MP		Master Pack Containing (12) 51069	MP	4.338	3.660	13/16-16	Attached	3.444	3.1	.26
51069R		Racing Applications Only	SLUBE	4.330	3.600	13/16-16	Attached	3.444	3.100	.260
51071		Chrysler, Dodge, (57-59) Daf Trucks	CLM	4.218	3.367	T-.578 B-.703	15062	4.687	4	.062
51072		Wisconsin VH-4D Engines (85-93)	SLUBE	4.338	3.660	13/16-16	Attached	3.444	3.100	.260
51075		Murphy Diesel (Sock Type).	CLS	37.500	2.375	1.625	None			
51076		Dodge Trucks (65-75), Chrysler Industrial Engines	CLM	4.198	3.367	.764	15164 15223 Packed Packed Packed	4.66 4.075 1.240 1.180 1.171	4.06 3.687 .720 .770 .631	.06 .062 .120 .060 .060
51079		Murphy Diesel, Northwest (Sock Type).	CLS	31.000	2.375	3/8-18	None			
51080		A-C, Case, DeSoto, Dodge (46-56), Hercules, M/F, Plymouth (53-56)	CLM	4.218	3.367	T-.578 B-.703	15062	4.687	4	.062
51081		John Deere 265, 285, F710 Lawn & Garden Tractors w/Kawasaki 18HP Eng.	STRAN	2.577	2.685	13/16-16	Attached	2.475	2.173	.233
51083		Melroe Bobcat, Toro, Yale & Towne Forklifts	SLUBE	3.404	2.921	20X1.5 MM	Attached	2.734	2.430	.226
51084		Atlas-Copco, Case, Cushman, Ford, IHC, Onan Engines, Volvo - Has Hex-Nut on Dome End of Can	SLUBE	4.194	3.663	3/4-16	Attached	2.77	2.456	.19
51085		Chrysler/Dodge/Jeep Vehicles (91-08), Mitsubishi Eclipse (95-99); Caterpillar 3 Series Excavators, 9 Series Loaders, Kubota	SLUBE	3.836	3.660	3/4-16	Attached	2.834	2.462	.200
51085MP		Master Pack Containing (12) 51085	MP	3.790	3.660	3/4-16	Attached	2.834	2.462	.2
51086		Mercuriser Marine Engs, Pontiac Firebird Turbo (89)	SLUBE	3.790	3.660	13/16-16	Attached	3.444	3.100	.260
51087		Ford European-Dorset Engs.	SLUBE	5.477	3.661	22X1.5 MM	Attached	2.834	2.462	.200
51088		BMW (82-94), Mercedes-Benz (85-93)	SLUBE	4.704	2.983	3/4-16	Attached	2.740	2.370	.275
51089		Caterpillar Equipment (32 Micron)	CHM	5.657	2.903	T-CLOSED B-1.062	None			
51091		Chevrolet, GMC, Isuzu Trks 4-Cyl 2.2L Diesel Eng (84-87)	SLUBE	5.225	4.300	1-12	Attached Packed	3.052 .716	2.470 .498	.173 .109

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filter; CLS=Cartridge Lube Sock Filter; SLUBE=Spin-On Lube Filter; STRAN=Spin-On Transmission Filter; MP=Master Pack

[®] Housing gasket not packaged with filter - order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
51092		Allis-Chalmers, Case, Diamond T, Dodge Trucks (60-76)	CLM	5.994	3.778	1.035	15229 15400 [®] 15588 [®]	4.693 4.645 4.805	4 4.28 4.375	.062 .202 .125
51094		Nissan Sentra 1.7L Diesel (83-86), Maxima 2.8L Diesel (83)	SLUBE	4.352	4.300	1-12	Attached Packed	3.052 .716	2.470 .498	.173 .109
51096		Massey Ferguson Tractors - This element has wire-backed glass media like OE - The 57096 is the cellulose version.	CHM	7.202	4.531	1.813	15338 15353 15354 15355	2.106 3.718 4.78 5.355	1.750 1.781 4.35 4.955	.250 .062 .25 .2
51097		IHC/Hough Loaders	CHM	9.093	4.500	1.750	None			
51098		IHC 4366, 4386, 4568, 4586, 4786 Tractors	CHM	8.937	4.531	2.875	None			
51099		BMW Cars (69-77), IHC Trucks, JCB, Massey Ferguson, Perkins Diesel Engines, Rover (63-79)	CLM	4.495	3.778	1.357	15151	4.375	4.125	.125
51100		Cadillac (51-58), GM Cars/Trucks (50-62), Clark, Hercules, John Deere, New Holland, Other	CLM	5.007	4.094	.553	15039	5.125	4.375	.07
51105		Joy, Oliver, Wisconsin (Male Rolled Threads)	SMRTH	6.017	3.789	2 3/4-4	15363	3.049	2.675	.25
51106		Various Wisconsin Engines Applications (Male Rolled Threads)	SMRTH	4.825	3.325	2 3/4-5	15004 15076 [®]	3.049 3.146	2.675 2.89	.187 .125
51110		Wisconsin Engines	SLUBE	5.157	3.670	5/8-18	Attached	2.729	2.415	.200
51113		Fiat Allis, New Holland Graders	CHM	8.980	5.094	3.375	None			
51115		Minneapolis-Moline 335, 345 Tractors	CLM	4.391	3.778	.563	15042	4.102	3.828	.062
51116		Dresser Graders, John Deere Tractors	SHYD	7.793	3.698	1 1/2-16	Attached	3.431	2.963	.218
51118		Minneapolis-Moline 5 Star Tractor	CLM	6.375	4.543	.877	None			
51119		Case Tractors + Equipment	CHM	9.000	4.531	T-.544 B-2.260	None			
51120		IHC Wheel Tractors	SHYD	7.803	3.698	1 1/2-16	Attached	3.431	2.963	.218
51121		Buick (53-58), Cadillac (57-58), Chev.Trucks (56-59), Oldsmobile (49-59), Pontiac (53-59)	CLM	6.339	3.778	1.095	Attached (2) 15086	2.000 4.425	1.125 4	.125 .062
51123		Chevrolet Cars + Trucks (56-59), Hough	CLM	6.370	3.594	1.281	15124	3.998	3.772	.125
51125		IHC Tractors	CLM	7.579	3.264	T-.480 B-.875	15070 [®]	3.89	3.7	.156
51127		New Holland, Thomas, Versatile Tractors	CHM	9.250	3.462	T-CLOSED B-1.406	15362 Packed	4.27 1.574	3.74 1.296	.093 .139
51129		Chevrolet Trucks (67-72)	CLM	8.496	3.594	1.281	15124	3.998	3.772	.125
51133		Adams, Allis-Chalmers, Case, Chevrolet Trucks (66-74), Detroit Diesel, Diamond T, Euclid, GMC, Gray Marine, Hercules, Hough, Joy, Letourneau-Westinghouse, Marion, M/F, Unit Crane, Worthington Compressors	CLM	9.000	4.312	1.450	15119	5.140	4.590	.062
							15127 15333 [®] 15402 [®]	5.103 1.09 6.252	4.787 .765 5.852	.125 .055 .2
51134		Euclid, Terex, Wabco	CHM	8.512	5.980	3.516	15156 15322 15324	5.250 9.561 6.999	3.500 7.687 5.125	.062 .062 .062
51136		Ag-Chem, Allis-Chalmers, Allison Transmissions, Euclid, IHC, Hough, Gallon, Michigan, Steiger, Other	CHM	9.000	4.312	1.450	Packed 15119 15127 15187 [®] 15403 [®] 15491 [®] 15333 [®]	1.082 5.140 5.103 5.5 6.141 5.262 1.09	.773 4.590 4.787 5 5.731 4.984 .765	.063 .062 .125 .25 .2 .139 .055
51137		Allison Transmissions, Chev/GMC Trucks, Euclid	CTF	8.460	2.903	1.120	15180 15252 15251 Packed	3.695 3.272 3.868 .750	3.100 2.984 3.560 .340	.125 .148 .139 .050
51138		Detroit Diesel 2-53, 3-53 Engines	CLM	5.686	4.311	1.445	15119 15127	5.14 5.103	4.59 4.787	.062 .125
51139		Various IHC Tractors (Packed 2 per box)	CHM	1.562	3.093	1.031	15214 15215	7	5.687	.125 .031
51140		Hough, Komatsu (Inside-Out Flow)	CHM	18.031	6.003	2.625	None			
51143		GM Family of Cars/Trucks (58-67)	CLM	5.777	3.594	1.281	15124	3.998	3.772	.125
51144		BMW (91-96)	CLM	6.380	3.261	T-CLOSED B-1.179	Packed	3.745	3.425	.160
51145		Mercedes (90-04)	CLMF	6.200	2.441	T-CLOSED B-.925	Packed	3.125	2.825	.150

TECHNICAL DATA

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filter; CLMF=Cartridge Lube Metal Free Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter; SMRTH=Spin-On Male Rolled Thread Filter

[®] Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
51146		Ingersoll-Rand, IHC, Schramm Compressors.	CLM	9.000	4.530	T-1.230 B-1.625	15089	5.5	4.812	.125
51147		John Deere Construction and Farm	CHM	5.466	4.543	2.250	15595 15318 [®]	5.515 5.5	5.203 5.25	.125 .13
51148		Various John Deere	CLM	4.250	3.371	1.130	15221	3.875	3.687	.125
51149		Adams, Barber-Greene, Bussing, Dresser, Hough, IHC, Komatsu, Joy, M.A.N.	CLM	8.969	4.543	1.812	15067 15120	4.97 5.32	4.77 5	.125 .14
51151		Austin-Western, Clark, Drott, Dresser, Galion, Hough, IHC, Komatsu	CLM	5.547	3.968	1.635	15181	4.515	4.277	.094
51153		IHC Tractors, Yale-Towne, Cub Cadets	CLM	4.616	2.250	T-.438 B-.502	15088	3.343	2.781	.062
51154		Case Tractors, IHC Trucks (58)	CLM	7.035	4.530	T-.567 B-1.781	15167 15132	5.2 5.04	4.83 4.81	.1 .125
51155		Adams, Galion, Hercules, IHC Tractors, Komatsu, Schramm, Worthington	CLM	7.375	4.188	T-.594 B-1.281	15074 [®]	5.015	4.828	.062
51156		IHC Trucks (59-73)	CLM	5.060	4.530	T-.567 B-2.260	15167 15132	5.2 5.04	4.83 4.81	.1 .125
51157		Massey-Ferguson Tractors	CLM	6.090	2.620	1.258	Packed Packed Attached	3.139 3.155 2.437	2.859 3.015 1.500	.125 .135 .031
51158		ABG, Atlas-Copco, Case, Deutz Engines, Ford, Komatsu, Other	SLUBE	6.987	3.694	1-12	Attached	2.729	2.415	.255
51159		Adams, Bucyrus-Erie, Hough, Galion, IHC	CLM	5.000	4.543	1.312	15120 [®]	5.32	5	.14
51160		BMW (91-08)	CLM	4.330	3.300	1.120	Packed	3.860	3.543	.157
51161		Autocar, Bay City Shovel, Caterpillar, Gardner-Denver, Koehring, Komatsu	CLM	9.277	3.968	1.635	15449 15286 15108 [®]	4.815 4.79 4.458	4.585 4.63 4.25	.125 .125 .125
51162		Dresser, IHC, Komatsu Crawler Tractors	CHM	5.062	4.531	T-.540 B-2.260	None			
51163		Caterpillar Equipment (If High Efficiency version required, use 51167 - if fire retardant version required, use 57720)	CHM	9.250	4.000	2.300	15163 [®]	5.012	4.734	.139
51164		IHC 260A, 270 Backhoes	CLM	2.500	5.016	2.938	None			
51165		Autocar, Caterpillar, Leroi.	CLM	9.000	3.088	1.370	None			
51166		IHC/Navistar Power Steering Element	PSCF	3.528	2.481	1.080	Packed (8)			
51167		Caterpillar Equipment - High Efficiency version of 51163 (If fire retardant version required, use 57720)	CHM	9.250	4.000	2.300	None			
51168		Caterpillar, Clark, Hyster, LeRoi, Lorain, P&H, Other	CHM	8.937	5.094	3.375	15193 [®]	5.674	5.468	.125
51169		Caterpillar Equipment	CHM	5.937	3.593	1.406	None			
51171		Caterpillar Hydraulic	CHM	9.000	3.088	1.370	15082 [®]	4.445	4.255	.125
51172		Adams, IHC Tractors, Yale-Towne	CLM	5.594	3.281	T-.480 B-.875	15070	3.89	3.7	.156
51173		Isuzu, Komatsu Dozers, TCM Forklifts	CLM	6.750	2.718	.552	None			
51174		Massey-Ferguson Tractors (Wire Mesh)	SHYD	4.363	3.698	1 1/8-16	Attached	2.729	2.415	.255
51175		Optional Hydraulic Applications on Allis-Chalmers, Euclid	CHM	7.531	5.980	1.715	15593 [®] 15178 [®] Attached	7.937 7.843 2.250	7.265 7.468 1.781	.187 .281 .187
51176		Clark, Michigan Hydraulic	CHM	9.000	4.312	1.450	15127 15187 Packed 15403 [®]	5.103 5.5 1.082 6.141	4.787 5 .773 5.731	.125 .25 .063 .2
51177		BMW 750, 850 w/ V-12 Eng. (88-95)	CLM	7.560	3.230	T-1.100 B-1.410	Attached	3.860	3.543	.157
51178		Komatsu, Trojan, Wabco	CHM	8.927	5.094	3.375				
51179		John Deere Combines + Tractors	CHM	6.125	5.061	2.938	Attached	4.938	2.968	.062
51181		Dresser, IHC, Komatsu Crawlers + Loaders	CHM	9.124	4.530	2.260	None			
51182		PeugeotTurbo Diesel (82-89), Cat Forklifts, Hyster, Kioti, JCB	SLUBE	5.207	3.660	20X1.5 MM	Attached	2.834	2.462	.200
51183		Alfa-Romeo, Case Combines, Jaguar, Perkins Engines, Volvo Trucks	CLM	5.996	2.903	1.312	15121 15122	3.093 3.156	2.906 2.916	.093 .125
51184		Austin (56-67), Austin Healey (58-69), MG (62-67),Triumph (75-80)	CLM	3.496	2.903	1.312	15122 15201	3.156 3.08	2.916 2.94	.125 .125
51185		BMW 318i (91-95)	CLM	3.461	3.300	1.120	Packed	3.860	3.543	.157
51186		BMW (96-04), Land Rover (03-06)	CLMF	6.358	3.267	T-.985 B-1.485	None			

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filter; CLMF=Cartridge Lube Metal Free Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter

[®] Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
51187		Mercedes Benz E Class V6 3.0L Diesel (96-99), Fendt + Vario Tractors	CLM	6.850	3.267	1.300	Packed (3)			
51188		Allis-Chalmers, Fordson Diesel, Hyster, I-R, Massey-Ferguson, Other	CLM	4.496	2.530	.812	15122 15200 ⁸	3.156 1.302	2.916 1.062	.125 .187
51189		Fiat Cars (69-82), Lancia (75-82), Ford Tractors, Deutz Engines, Iveco, Other	SLUBE	3.895	4.282	3/4-16	Attached	2.834	2.462	.200
51190		Hyster Lift Trucks w/GM Engines	SLUBE	4.704	2.983	18X1.5 MM	Attached	2.740	2.370	.275
51191		Audi (95-06), Volkswagen (77-00, 05), Case, Fendt Tractors, Komatsu, M.A.N., Renault Trks.	SLUBE	5.178	3.660	3/4-16	Attached	2.834	2.462	.200
51193		Fordson Diesels, JCB, Nissan, Towmotor, Other	CLM	5.500	2.903	1.062	15122	3.156	2.916	.125
51194		Caterpillar Hydraulics - for synthetic media version, use 57194 - for applications that use multiple, stacked elements, order gasket part # 15009 separately	CHM	11.000	5.093	3.375	15169 ⁸ 15009 ³⁹⁵	6.02 4.796	5.6 4.156	.21 .062
51195		Caterpillar Hydraulic - Standard version (For High Efficiency version, use 57195 - For flame retardant version, use 57722)	CHM	8.968	6.812	3.930	None			
51196		Ford Tractors, Fordson Diesels	SHYD	5.209	3.663	1-12	Attached	2.729	2.415	.255
51197		Allis-Chalmers, Caterpillar, Fiat-Allis, Kobelco Hydraulic	CHM	8.980	5.094	3.375	15114 ⁸ 15402 ⁸	9.025 6.252	8.475 5.852	.275 .2
51197XE		Various Caterpillar Applications; John Deere Cotton Pickers. (High Efficiency Version of 51197)	CHM	8.980	5.094	3.375	15114 ⁸ 15402 ⁸	9.025 6.252	8.475 5.852	.275 .2
51198		Caterpillar Hydraulic	CHM	6.000	5.094	3.375	None			
51199		Ford/New Holland, IHC Equipment	SHYD	5.171	3.698	1 1/2-16	Attached	3.431	2.963	.218
51200		Various Badboy, Great Dane, JD, Toro lawn&garden equipment	SHYD	4.217	3.670	1-12	Attached	2.834	2.462	.275
51201		Gehl, Schramm Compressors	CLM	4.060	3.278	1.075	15406	3.888	3.718	.125
51202		Case, Cat/Towmotor, IHC, Galion, Gehl, Koehring, P&H, Other	STRAN	7.803	3.698	1 1/2-16	Attached	3.431	2.963	.218
51203		Case, Cat, IHC, John Deere, Tennant	SHYD	5.171	3.698	1 1/2-16	Attached	3.431	2.963	.218
51204		Various Caterpillar	CHM	7.000	5.052	3.375	None			
51205		John Deere Tractors	SHYD	5.171	3.698	1 1/2-16	Attached	3.431	2.963	.218
51206		Komatsu Excavators and Wheel Loaders	SLUBE	4.382	3.698	1-12	Attached	2.729	2.415	.255
51207		Various John Deere	CHM	5.440	4.610	2.190	None			
51208		Ford, New Holland Tractors	SHYD	7.010	3.698	1 1/8-16	Attached	2.729	2.415	.255
51209		Towmotor Forklifts	SHYD	5.196	3.691	13/16-16	Attached	2.834	2.462	.200
51210		Allis-Chalmers, Massey-Ferguson Tractors	SHYD	3.194	3.234	20X1.5 MM	Attached	2.490	2.010	.148
51211		Massey Ferguson 1160, 1180, 1190 Tractors	SLUBE	3.793	3.672	20X1.5 MM	Attached	3.444	3.100	.260
51212		Audi (00-03) (07-10), Volkswagen (96-12), Porsche (04-12)	CLMF	4.299	3.267	T-.840 B-1.485	Packed	3.840	3.510	.165
51213		BMW (95-99)	CLMF	4.026	2.560	.700	Packed (3)			
51214		Harley Davidson Motorcycles, Jaguar (00-05)	SLUBE	4.828	2.923	3/4-16	Attached	2.734	2.430	.226
51215		Buell, Harley-Davidson Motorcycles, Dixie Chopper (For chrome version, use 51225)	SLUBE	3.404	2.921	3/4-16	Attached	2.734	2.430	.226
51222R		Racing Applications Only	SLUBE	6.210	4.600	1 1/2-12	Attached	4.320	3.820	.365
51223		BMW (97-07)	CLMF	3.898	3.268	1.583	Packed (2)			
51224		Audi V8 Coupe (90-94)	SLUBE	7.992	2.992	24X2.0 MM	Attached	2.795	2.441	.210
51225		Chrome Version of 51215	SLUBE	3.410	2.921	3/4-16	Attached	2.850	2.480	.210
51226		Chrysler Crossfire (04-07), Mercedes (98-04)	CLMF	4.565	2.559	1.142	Packed (4)			
51227		Audi A8 (97-00)	CLM	3.346	3.740	.965	Packed (4)			
51228		Various Jaguar Models (97-05), Ford Thunderbird (02-03), Lincoln LS (00-02)	SLUBE	4.685	3.150	1-12	Attached	2.800	2.441	.240
51229		John Deere Lawn Tractors	SHYD	5.184	3.698	1 1/2-16	Attached	3.431	2.963	.218
51230		Mercedes (92-00)	CLM	8.268	2.441	T-CLOSED B-.917	None			
51231		Jaguar (76-97)	SLUBE	4.343	3.660	1-12	Attached	2.834	2.462	.255
51233		Mack Trucks (61-72)	CLM	14.930	7.500	.720	15114 ⁸	9.025	8.475	.275
51235		Allis-Chalmers, Case, Euclid, Joy, Mack Trucks (59-60)	CLM	7.562	5.980	1.715	15178 ⁸ 15593 ⁸	7.843 7.937	7.468 7.265	.281 .187
51236		Komatsu Dozers, Road Graders, Excavators	CHM	8.250	3.935	2.350	None			
51238		GMC/Isuzu Trucks 3.9L Diesel Eng (84).	CLM	5.748	3.346	.649	Packed	3.970	3.710	.130
51240		John Deere	SHYD	5.214	3.663	1 1/8-16	Attached	2.729	2.415	.255
51242		John Deere Construction and Farm Tractors (To-63)	CLM	6.558	3.371	1.625	15373 15374	4.249 4.703	3.937 4.421	.125 .125

TECHNICAL DATA

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filter; CLMF=Cartridge Lube Metal Free Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter; STRAN=Spin-On Transmission Filter

⁸ Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
51243		Various John Deere Engines + Equipment	SLUBE	5.209	3.663	1 ³ / ₁₆ -16	15614	2.834	2.462	.200
51243MP		Master Pack containing (12) 51243	MP	5.209	3.663	1 ³ / ₁₆ -16	15614	2.834	2.462	.2
51244		Cessna Hydraulic Systems	SHYD	5.189	3.663	7/ ₈ -14	Attached	2.729	2.415	.255
51246		Mercedes (90-00)	CLM	6.043	2.795	T-.374 B-.847	Packed (3)			
51247		Cub Cadet, IHC, JCB, New Holland, Scag	SHYD	3.790	3.660	1-12	Attached	2.834	2.462	.175
51249		Case Windrowers, Sullair Compressors	SHYD	5.500	3.663	1-12	Attached	2.834	2.462	.255
51250		IHC Trucks DV462, DV550 Engines	CLM	6.500	4.531	1.031	15303 ⁸	5.025	4.475	.275
51251		IHC Trucks(59-75), IHC Gasoline Stationary Engines.	CLM	7.125	4.530	T-.567 B-2.260	15167 15132	5.2 5.04	4.83 4.81	.1 .125
51252		IHC Trucks (57-60)	CLM	3.812	4.531	T-.540 B-2.270	15132	5.04	4.81	.125
51253		Case Combines & Tractors, IHC Combines, Cotton Pickers & Tractors	CHM	6.029	5.061	2.840	Packed 15255 15605	5.414 5.762	5.218 5.484	.098 .031 .139
51254		Versatile Combines & Tractors	CTF	4.808	3.473	T-CLOSED B-1.360	15361 Packed	4.232 1.574	3.700 1.296	.093 .139
51256		Allis Chalmers, Case, John Deere	CHM	8.998	5.061	2.570	15340 15168 ⁸	5.943 7.5	5.737 6.975	.103 .275
51257		Allis Chalmers (Viton gasket 15250)	CHM	6.123	5.061	2.570	15340 15250 ⁸	5.943 6.012	5.737 5.734	.103 .139
51258		AMC (60-81), GM (67-80)	SLUBE	4.338	3.660	1 ³ / ₁₆ -16	Attached	2.834	2.462	.2
51259		Dresser, Jacobsen, John Deere, New Holland, Steiger (Hyd. or Trans)	STRAN	5.500	3.670	1-12	Attached	2.834	2.462	.275
51261		Various Caterpillar Engines, Perkins, Volvo, Other	SLUBE	5.166	3.683	1-12	Attached	2.729	2.415	.255
51262		Allis-Chalmers, Case, Fiat-Allis, Ford, John Deere, Massey Ferguson, Owatonna	CHM	5.720	3.488	T-CLOSED B-1.135	15650	4.387	4.109	.139
51264		Massey-Ferguson, Other	CHM	13.047	4.375	T-CLOSED B-2.430	Attached	3.250	2.545	.047
51265		EMD, Fairbanks Industrial Engines (Standard version - for high capacity version, use 57265)	CLM	30.000	6.500	T-CLOSED B-1.485	None			
51268		Caterpillar 3208 Engine, IHC Trucks, Allison Trans., Volvo Trucks	SLUBE	5.218	3.691	1 1/ ₈ -16	Attached	2.729	2.415	.255
51268MP		Master Pack containing (12) 51268	MP	5.218	3.691	1 1/ ₈ -16	Attached	2.729	2.415	.255
51268R		Racing Applications Only	SLUBE	5.210	3.600	1 1/ ₈ -16	Attached	2.729	2.415	.255
51269		Zinga Hydraulic Systems	SHYD	3.530	2.966	3/ ₄ -16	Attached	2.740	2.370	.275
51271		Ford Trucks (60-74), Deutz, Iveco, Leroi	CLM	4.715	3.371	.765	15090 Packed Packed	4.955 1.240 1.180	4.4 .720 .770	.062 .120 .060
51272		Quincy Compressors	SHYD	5.477	3.698	20X1.5 MM	Attached	2.834	2.462	.255
51273		Deutz-Allis Tractors DX Series	SHYD	8.232	3.660	1-12	Attached	2.834	2.462	.255
51274		American Hoist	CHM	22.127	7.440	T-CLOSED B-4.840	Attached	6.500	4.850	.062
51275		Mitsubishi Equipment	SLUBE	6.987	3.665	1-12	Attached	2.834	2.462	.255
51276		Alco, EMD, Fairbanks Industrial Eng.	CLS	30.312	6.000	T-CLOSED B-1.437	Attached	2.843	1.437	.125
51277		EMD Industrial Engines	CLM	20.000	4.500	T-CLOSED B-1.150	None			
51278		EMD Industrial Engines	CLM	7.313	2.900	T-CLOSED B-.969	None			
51279		Ford Trucks + Engines (58-78), Ford, New Holland Tractors	CLM	4.860	4.985	.785	15270	5.998	5.378	.062
51281		Various Hydraulic Equipment & Industrial Applications.	CHM	8.000	3.100	T-CLOSED B-1.735	None			
51282		Various Hino, Isuzu, Nissan Diesel Engines, Various Heavy Duty Equip.	CLM	6.500	4.100	T-.570 B-1.828	Packed (4)			
51283		Porsche (71-93)	SLUBE	5.879	3.663	1-12	Attached	2.834	2.462	.255
51285		Porsche 928 (78-95)	SLUBE	5.811	2.967	20X1.5 MM	Attached	2.740	2.370	.275
51287		Various Porsche (83-95)	SLUBE	4.828	2.921	20X1.5 MM	Attached	2.734	2.430	.226
51288		Various Audi (for Turbo-Charger) (80-88), Lastec Lawn Equipment	SLUBE	3.450	2.921	3/ ₄ -16	Attached	2.734	2.430	.226
51289		Mercedes (83-95)	CLM	6.550	3.635	T-.465 B-.961	Packed	4.315	4.015	.150

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filter; CLS=Cartridge Lube Sock Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter;

STRAN=Spin-On Transmission Filter; MP=Master Pack

⁸ Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
51290		Case, Hitachi, John Deere, Samsung (24X1.5 Male Adapter Attached)	STRAN	8.130	3.695	24X1.5 MM	Attached	2.834	2.462	.255
51291		Caterpillar Industrial Engines	CLM	13.500	7.375	3.415	None			
51294		Pall Hydraulic Applications (12 Micron)	CHM	38.600	5.970	4.140	None			
51295		Pall Hydraulic Applications (6 micron)	CHM	38.600	5.970	4.140	None			
51297		Alco, Baldwin Industrial Engines	CLM	33.875	6.400	T-CLOSED B-1.455	None			
51298		Ford Tractors	SHYD	6.457	3.665	1-12	Attached	2.800	2.450	.210
51299		General Electric Industrial Engines	CLM	29.375	6.400	T-CLOSED B-1.455	None			
51300		Austin (54-69), Hillman, Lancia, M.G. (57-70), Morgan (68-70), Mercedes, Nissan (61-65), Singer (60-71)	CLM	4.192	2.903	1.275	15122 15404 15433	3.156 3.156 3.156	2.916 2.984 3.016	.125 .171 .125
51301		Carrier/Transicold Refrigeration Units	SLUBE	3.194	3.242	20X1.5 MM	Attached	2.490	2.010	.148
51302		Aston-Martin, Austin-Healey, Isuzu, Lotus, Triumph	CLM	5.496	2.718	1.315	15434 15122 15149	3.375 3.156 3.078	2.937 2.916 2.906	.203 .125 .175
51304		Volvo (60-65), Volvo-Penta	CLM	3.032	3.778	T-.520 B-1.365	Attached 15150	1.968 4.415	1.415 4.165	.062 .1
51305		Ag-Chem, Atlas-Copco, Barber-Greene, Barr, Can-Car, Clark, Drott, Ford, Frigiking, Gardner Denver, Hillman, Hobart, Hough, Hyster, Ingersoll-Rand, JCB, Kohler, Komatsu, Lehman, Lerol, Master, Michigan, New Holland, Perkins, Petter, Renault, Timber Jack, Transicold/Carrier, Volvo, Volvo-Penta, Wain-Roy, Wayne, Westerbeke Equipment & Ford, Onan, Perkins & Volvo Engines	CLM	3.933	3.778	1.357	Attached 15151	1.968 4.375	1.415 4.125	.062 .125
51306		Michigan Fluid Power Systems (10 Micron).	CHM	6.531	2.980	T-CLOSED B-1.182	Attached	1.750	1.300	.062
51307		Volvo (64-92), Ford Mustang (74-78), Various HD Applications	SLUBE	3.812	3.663	3/4-16	Attached	2.834	2.462	.200
51308		Michigan Fluid Power Systems	CHM	6.531	2.980	T-CLOSED B-1.182	Attached	1.750	1.300	.062
51309		David Brown Tractors, Lotus, Morgan, British Ford	CLM	3.250	2.903	.812	15122	3.156	2.916	.125
51310		Mercedes (59-79)	CLM	4.465	2.711	1.031	15594	3.375	3.031	.172
51311		Volvo (92-99), Kubota, New Holland, Volvo Trks + Buses, Mahindra Tractors	SLUBE	3.372	3.661	3/4-16	Attached	2.834	2.462	.200
51312		Singer (60-71), Triumph Spitfire (62-74), Toyota Forklifts, Volvo-Penta Marine Engines	SLUBE	3.812	3.663	3/4-16	Attached	2.834	2.462	.200
51313		David Brown Tractors, Triumph (63-76)	CLM	2.777	3.984	1.265	15282	4.324	4.074	.125
51314		BMW(63-68), Mercedes (59-65)	CLM	3.937	2.312	.750	15274 15594 ⁸	3.187 3.375	2.897 3.031	.125 .172
51315		Ford (98-04), Mazda (01-04)	SLUBE	4.826	2.983	3/4-16	Attached	2.750	2.400	.130
51317		IHC Tractors	CHM	5.000	2.531	1.705	None			
51318		John Deere Loaders, Yanmar Marine Engines	SLUBE	4.803	3.673	20X1.5 MM	Attached	2.538	2.224	.200
51320		Bussing, Clark, Fiat (59-69), Renault (56-61), Chev Cab-Forward Trks - By-pass filter - can be used w/ 24755 or 24098 bases	SLUBE	3.790	3.660	5/8-18	Attached	2.834	2.462	.200
51323		Various Ford Tractors	PSCF	1.325	3.990	1.062	Packed Packed	5.387 .603	5.109 .301	.139 .072
51324		Small GM/Isuzu Diesels (81-83), Chevrolet Corvette (91-95), Ford/Mazda Diesel (83-87), Dodge/Mitsubishi Diesel PUs (83-84), Mitsubishi Fuso Trucks	SLUBE	4.354	3.663	20X1.5 MM	Attached	2.834	2.462	.200
51325		Mercedes 190E (83-88)	CLM	4.115	2.315	T-.375 B-.750	Packed	2.700	2.460	.120
51327		Ford (British) (to-70)	CLM	4.245	2.903	.812	15122	1.812	.843	.062
51328		Toyota Corona (67-69), Toyota Forklifts	CLM	5.000	2.903	.707	15600	3.377	3.109	.134
51329		Ford 2120 Tractors	SLUBE	5.819	3.234	3/4-16	Attached	2.490	2.010	.148
51330		Hyster H50XL, H60XL	SLUBE	5.968	4.282	20X1.5 MM	Attached	3.967	3.587	.340
51333		Porsche 911 (65-71), Volvo 760 w/2.4L Turbo Diesel (83-86)	SLUBE	6.982	3.670	3/4-16	Attached	2.834	2.462	.200
51334		Acura (88-05), Chevrolet (85-88), Dodge (91-96), Ford (88-96), Honda (72-09), Hyundai (89-13), Isuzu (85-04), Kia (01-13), Mercury (87-91), Mitsubishi (89-98), Subaru (87-13), Atlas-Copco, Case, John Deere, Kobelco, Komatsu, Kubota, Onan, Toro & Yanmar Diesel, Other	SLUBE	3.194	3.252	20X1.5 MM	Attached	2.475	2.173	.233
51334MP		Master Pack Containing (12) 51334	MP	3.194	3.252	20X1.5 MM	Attached	2.475	2.173	.233

TECHNICAL DATA

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter; STRAN=Spin-On Transmission Filter; MP=Master Pack

⁸ Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
51335		Agría, Aksa, Bomag, Dynapac, Lister, Farymann, Renault, Saab-Scania, Other	SLUBE	2.483	3.670	¾-16	15614	2.834	2.462	.255
51337		Jaguar XJ6 (69-77)	CLM	3.375	4.875	1.250	Attached	1.812	1.302	.031
51340		Peugeot Cars (67-83)	SLUBE	3.578	3.140	18X1.5 MM	Attached	3.093	2.421	.250
51342		Porsche (77-82), VW (73-07), Various HD applications	SLUBE	4.828	2.921	¾-16	Attached	2.865	2.421	.217
51343		Austin Trucks, BMC Engines, IHC (British), Lister Petter, Massey-Ferguson, Morris	CLM	6.995	3.590	1.937	Packed	4.24	4	.156
51344		Various Equipment w/ Isuzu & Yanmar, Kubota, Mitsubishi Engines	SLUBE	4.069	3.242	20X1.5 MM	Attached	2.490	2.200	.148
51346		Allis Chalmers Tractors, Ford Loaders, M-F Tractors, Nissan Forklifts, White Farm Tractors	SLUBE	5.824	3.234	¾-16	Attached	2.490	2.010	.148
51347		Ford Courier (72-82), Hyster, Komatsu, Merc. Bobcat (75-79), Pinto (75-79), Thermo-King, Yanmar Excavators	SLUBE	4.828	2.921	20X1.5 MM	Attached	2.734	2.43	.226
51348		Various Chrysler/Dodge/Jeep (82-11), Various GM, Saturn (85-07), Lexus (90-10), Saab (67-09), Suzuki (86-02), Toyota (88-12), Various Ford, Lincoln, Mercury (03-13), Mazda (05-13), Yugo (86-89), VW (09-11) Various Lawn&Garden, Farm, HD Equipment	SLUBE	3.404	2.921	¾-16	Attached	2.734	2.430	.226
51348MP		Master Pack Containing (12) 51348	MP	3.404	2.921	¾-16	Attached	2.734	2.43	.226
51349		Nissan UD Trucks w/NE6, NE6T Eng.	SLUBE	8.078	4.282	1 ⅞-16	Attached	3.967	3.587	.340
51351		Nissan UD 1800 Trucks	SLUBE	7.263	4.286	1 ⅞-16	Attached	3.967	3.587	.340
51352		Simca 1000, 1204GLS (63-72)	SLUBE	3.040	2.940	16X1.5 MM	Attached	2.775	2.455	.220
51355		Audi, VW (00-06)	SLUBE	4.475	3.745	¾-16	Attached	2.775	2.450	.185
51356		Chrysler (92-06), Dodge (92-05), Eagle (92-98), Ford Probe (93-97), Mazda (71-00), Mercury Villager (99-00), Mitsubishi (90-13), Saturn (04-07), Outboard Marine Engines, Various HD Equip.	SLUBE	3.402	2.685	20X1.5 MM	Attached	2.475	2.173	.233
51357		Ford Probe (89-97), Mazda (83-96), Kia Sportage (95-02), Polaris ATVs	SLUBE	3.402	2.685	20X1.5 MM	Attached	2.475	2.173	.233
51358		Honda Motorcycles + Industrial Engines, I-R, Honda (87-12), Komatsu, Kubota, Kia (95-05), Mercury, Arctic Cat (06-12), Polaris, Yamaha, Infiniti-Nissan (96-13)	SLUBE	2.782	2.685	20X1.5 MM	Attached	2.475	2.173	.233
51359		Aprilia, Arctic Cat, Suzuki, Yamaha - Motorcycles, ATVs	SLUBE	2.782	2.685	20X1.0 MM	Attached	2.475	2.173	.233
51360		Agco, Massey Ferguson Tractors, Suzuki Marine Engines	SLUBE	2.577	2.685	¾-16	Attached	2.460	2.200	.230
51361		Infiniti (91-97), Nissan (88-99), Mercury Villager (93-98), Subaru (88-94)	SLUBE	4.113	3.234	¾-16	Attached	2.475	2.173	.233
51364		Ford Pinto (71-73), Mercury Capri (71-73), Toyota Corona (to-67), Toyota Starlet (81-84)	SLUBE	4.967	3.135	¾-16	15598	2.865	2.421	.210
51365		Ford (92-97), Honda (00-06), Mazda (97-07), Mercury (91-96), Saab (05-06), Suzuki (09-13), Cub Cadet, Yanmar, John Deere, Kawasaki, Kobelco, Outboard Marine Engines, Various ATV/ Motorcycle (00-12), Subaru 4EAT, R4AX-EL spin-on transmission filter	SLUBE	2.577	2.685	20X1.5 MM	Attached	2.475	2.173	.233
51366		Various Briggs & Stratton & Kawasaki Equipment	SLUBE	3.194	3.234	¾-16	Attached	2.490	2.010	.148
51367		Kobelco Excavators, Kubota (Hydraulic)	SHYD	4.069	3.234	¾-16	Attached	2.490	2.010	.148
51368		Toyota Camry, Corolla w/ Diesel (85-86)	SLUBE	3.380	4.115	24X1.5 MM	Attached	3.125	2.843	.160
51370		Various John Deere Equipment	CLMF	5.860	4.745	T-.535 B-2.190	Packed	5.385	5.075	.165
51371		Acura Legend and Sport Coupe (86-87), Sterling (87-88)	CLM	4.365	T-2.785 B-2.970	T-.400 B-.906	Packed Packed	3.762 .818	3.484 .612	.139 .103
51372		Ford/Lincoln/Mercury (91-13), Mazda (00-09), Cadillac STS-V, XLR-V (06-09)	SLUBE	3.836	3.668	22X1.5 MM	Attached	2.834	2.462	.200
51372MP		Master Pack Containing (12) 51372	MP	4.167	3.660	22X1.5 MM	Attached	2.834	2.462	.2
51373		Galion Road Graders	CHM	11.955	4.985	2.570	None			
51374		BMW (65-91), Lancia (76-77) and M.G. (75-80), Various HD Equipment	SLUBE	3.529	2.966	¾-16	Attached	2.740	2.370	.275
51376		Isuzu, Mitsubishi Fuso, Nissan UD Trucks	SLUBE	6.570	4.282	1 ⅞-16	Attached	3.967	3.587	.340
51378		Acura (88-05), Sterling 827 (89-91)	SLUBE	3.170	3.152	22X1.5 MM	Attached	2.940	2.630	.235
51381		Chrysler (83-93), Eagle (89-93), Hyundai (86-89), Isuzu (81-85), Mahindra Tractors, Mazda (89-90), Mitsubishi (83-96), Renault (84-87)	SLUBE	3.141	3.660	20X1.5 MM	Attached	2.834	2.462	.200
51382		Various Hydraulic Applications	SHYD	6.870	3.680	2-16	Attached	2.850	2.470	.180
51383		Agracat, Jinma, Foton, Farmpro tractors	SLUBE	5.196	3.661	24X2.0	Attached	2.834	2.44	.25

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filter; CLMF=Cartridge Lube Metal Free Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter; MP=Master Pack

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
51385		Mercedes-Benz Cars (76-85)	CLM	7.611	3.469	T-.434 B-.965	15480	4.448	4.134	.157
51386		Caterpillar Equipment, Mitsubishi FE Series Trucks	SLUBE	5.170	4.285	20X1.5 MM	Attached	3.967	3.587	.340
51387		Mitsubishi FE Series Trucks	SLUBE	4.354	3.674	18X1.5 MM	Attached	2.538	2.224	.200
51389		Allis-Chalmers, Massey-Ferguson, Honda Motorcycles	SLUBE	3.194	3.234	¾-16	Attached	2.490	2.010	.148
51390		Ford Wheel Tractors, Honda Cars (73-79)	SLUBE	3.141	3.670	20X1.5 MM	Attached	3.444	3.100	.260
51391		Massey-Ferguson, Chevrolet Tracker (01-04), Suzuki (99-08), Toro, Transicold Refrigeration Units	SLUBE	4.072	3.234	¾-16	Attached	2.475	2.173	.233
51392		Acura Integra (86-87), Honda (80-87)	SLUBE	3.141	3.660	22X1.5 MM	Attached	2.538	2.224	.200
51393		Audi (71-06), Volkswagen (93-12), Lotus (71-74)	SLUBE	4.820	3.020	¾-16	Attached	2.800	2.450	.230
51394		GM (85-09), Daihatsu (88-92), Infiniti (91-96), Kawasaki Mules, Nissan (91-95), Buell (00-11), Toyota (80-13), Scion (04-09), Atlas-Copco, Briggs & Stratton, Caterpillar, Cub Cadet, Generac, John Deere, Kubota, New Holland, Pontiac Vibe (03-10)	SLUBE	2.977	2.685	¾-16	Attached	2.475	2.173	.233
51395		Onan Engines; Wheelhorse Mowers, Cub Cadet	SLUBE	2.977	2.685	¾-16	Attached	2.475	2.173	.233
51397		Various Komatsu Equipment	CHM	17.749	5.909	4.330	None			
51398		Mercedes-Benz (71-91)	CLM	4.785	3.371	T-.910 B-.434	15619	4.145	3.725	.17
51399		Nissan Forklifts	CLM	5.460	3.150	T-1.575 B-.961	Packed	3.680	2.975	.115
51403		Dresser, FWD, IHC Construction, Timberjack, Trojan	CHM	9.062	4.530	T-.540 B-2.260	None			
51404		Ford A-62, A-64, A-66 Wheel Loaders, New Holland, Timber Jack, Racine	CHM	5.162	4.530	T-.540 B-2.270	None			
51405		IHC Dozers, Loaders, Payhaulers, Backhoes, Pyscrapers	CHM	9.062	4.531	T-.540 B-2.260	None			
51407		Allis-Chalmers, Cat, Komatsu, I-R, Towmotor (For High Efficiency Version Use 51407XE)	CHM	9.312	3.906	1.600	None			
51407XE		Synthetic Media Version of 51407	CHM	9.250	3.900	1.565	None			
51408		A-C, Case, Fiat-Allis, Clark, Dynahoe, Ford	CHM	7.335	4.500	T-CLOSED B-2.225	None			
51409		Zinga Hydraulic Applications	CHM	9.185	3.906	1.906	None			
51410		Ariens, Bolen, Case, IHC, John Deere, Kohler, Toro, Other	SHYD	3.790	3.660	¾-16	Attached	2.729	2.415	.2
51411		Allis-Chalmers, Fiat-Allis, Hercules, Komatsu, Iveco, Winpower	SLUBE	5.988	4.282	¾-16	Attached	2.834	2.462	.200
51412		Various Komatsu	CHM	8.950	4.343	2.094	15358 15372 15388	2.073 1.734 5.387	1.773 1.36 5.109	.220 .359 .139
51413		IHC 3000 Series Tractors	SHYD	5.184	3.698	1 ½-16	Attached	3.415	3.000	.210
51414		Chev/GMC Cab Forward Trks w/ Isuzu Engines	SLUBE	9.777	4.658	1 ¾-16	Attached	4.320	3.820	.365
51415		Allis-Chalmers Construction Equipment	CHM	9.250	2.903	T-1.000 B-1.062	Packed (2)	4.512	4.234	.139
51417		Mack Trucks w/ Centri-Max Centrifugal By-Pass Lube System	CLM	4.500	T-3.830 B-3.600	T-.556 B-.633	Packed Packed	4.546 1.762	4.156 1.484	.195 .139
51418		Case Tractors, Ford Trucks, Towmotor	PSCF	3.560	2.500	1.080	None			
51419		Schroeder Hydraulics (Optional Applications)	CHM	9.312	3.906	1.600	None			
51420		Allis-Chalmers, Case, Caterpillar, Hyster (10 Micron)	CHM	5.690	3.000	T-CLOSED B-1.050	None			
51421		Marvel Hydraulics (Optional Applications)	CHM	4.762	2.620	T-1.224 B-CLOSED	15213	3.512	3.234	.139
51422		Allis-Chalmers, Case, Champion, Marvel, Steiger, White, Yale&Towne	SHYD	5.127	3.796	1 5/16-12	15213	3.512	3.234	.139
51423		Fiat Allis FR20, FR35 Loaders	SLUBE	9.145	4.240	30X2.0 MM	Attached	4.012	3.638	.095
51424		Allis-Chalmers, Grove, Hough, Komatsu, Marvel	CHM	7.345	4.500	T-CLOSED B-2.265	None			
51427		Marvel Hydraulic Systems	CHM	7.345	4.500	T-CLOSED B-2.225	None			
51428		Marvel Hydraulics, Mack, Rex Cement Mixers	CHM	7.785	6.574	T-CLOSED B-1.600	None			
51429		Fiat Allis, Iveco Engines	SLUBE	8.430	4.240	30X2.0 MM	Attached	3.985	3.611	.065
51430		Allis-Chalmers, IHC, Massey-Ferguson (Power Steering)	PSCF	2.486	3.278	1.075	Attached	2.000	1.125	.125
51431		Iveco, Fiat-Allis, Hesston, Hitachi	SLUBE	5.638	4.240	¾-16	Attached	2.809	2.435	.080

TECHNICAL DATA

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filte; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
51433		IHC Tractors, Komatsu	CHM	11.091	5.061	2.938	Attached	4.938	2.968	.062
51434		Allis-Chalmers, Bantam Cranes, Big Bud Tractors, Fiat-Allis, Isco, Other (25 micron)	CHM	9.281	3.906	1.600	None			
51435		Marvel, Schroeder Hyds (2 per carton)	CLM	4.875	3.000	1.050	None			
51436		Lorain and Gradall Equipment	CHM	9.562	4.250	3.120	Attached	4.000	3.437	.062
51437		Clark, Euclid, Ingersoll Rand Compressors	CHM	8.000	5.980	3.500	None			
51438		John Deere 690C, 693C Skidder, Feller Buncher	CHM	16.047	4.375	T-.725 B-2.430	None			
51439		Various Hydraulic Applications	CHM	16.047	4.375	T-.725 B-2.430	None			
51440		John Deere, Kato, Kawasaki, Kobelco, Komatsu	CLM	9.063	4.970	2.200	15751	6	5.4	.062
51441		Various Komatsu	CHM	11.500	5.135	3.355	None			
51442		Various Komatsu	CHM	9.173	3.975	T-1.670 B-1.410	None			
51443		Various Komatsu (Obsolete)	CHM	10.940	2.520	1.000	None			
51444		Various Komatsu	SLUBE	6.590	4.282	1 1/8-16	Attached	3.980	3.600	.265
51445		Various Hydraulic Applications	SHYD	6.020	3.810	1 3/8-12	Attached	2.762	2.484	.278
51447		Various Hydraulic Applications	SHYD	6.020	3.810	1 3/8-12	Attached	2.762	2.484	.278
51448		Case, Jacobsen, Melroe Bobcat, TCM	SHYD	6.020	3.810	1 3/8-12	Attached	2.762	2.484	.278
51450		Caterpillar/Towmotor Equipment (Hydraulic)	SHYD	6.020	3.810	1 3/8-12	Attached	2.762	2.484	.278
51451		Case, John Deere, Vermeer	SHYD	6.020	3.810	1 3/8-12	Attached	2.762	2.484	.278
51452		Audi (79-83), Nissan Trucks (67-86), Volvo (81-84), Various HD applications	SLUBE	5.178	3.660	3/4-16	Attached	2.834	2.462	.200
51452MP		Master Pack Containing (12) 51452	MP	5.178	3.660	3/4-16	Attached	2.834	2.462	.2
51453		Case Combines, Tractors; Ford, IHC & M-F Tractors - if base needed for this filter, can use 24034, 24001 or 24768 (32 Micron)	SHYD	5.157	3.670	1-12	Attached	2.729	2.415	.255
51454		Various Hydraulic Applications	SHYD	6.020	3.810	1 3/8-12	Attached	2.762	2.484	.278
51455		Melroe Bobcat, Caterpillar, John Deere Equipment	SHYD	6.020	3.810	1 3/8-12	Attached	2.762	2.484	.278
51456		Case Equipment	SHYD	6.020	3.810	1 3/8-12	Attached	2.762	2.484	.278
51457		Various Hydraulic Applications	SHYD	6.020	3.810	1 3/8-12	Attached	2.762	2.484	.110
51458		Case, Oliver and White Farm Tractors, Drott, Hercules, Hobart, Michigan Equipment	SLUBE	8.078	4.285	7/8-16	Attached	2.834	2.462	.200
51459		Bussing, Case, Caterpillar, Iveco, Massey-Ferguson, & Perkins Engines	SLUBE	7.010	3.694	3/4-16	Attached	2.834	2.462	.200
51460		A-C, Eicher, Hyster, JCB, M-F, Perkins Engines	SLUBE	5.811	2.966	3/4-16	Attached	2.740	2.370	.275
51461		Case, Komatsu, Hydra Mac, IHC, Nissan, Other	SHYD	6.987	3.674	1-12	15614	2.834	2.462	.255
51462		Hydra Mac Equipment	SHYD	6.987	3.683	1-12	15614	2.834	2.462	.255
51463		John Deere Cotton Pickers, Planters, Windrowers	SHYD	5.137	3.663	1-12	Attached	2.834	2.462	.255
51464		Navistar/IHC Trucks, Ford Trucks	PSCF	3.528	2.481	T-CLOSED B-1.080	15360 Packed	6.206 .750	5.938 .380	.125 .024
51465		Towmotor	SHYD	2.971	3.670	1 3/16-16	Attached	2.834	2.462	.200
51466		Parker-Hannifin Systems	CHM	9.489	4.430	T-CLOSED B-1.672	Attached Packed	1.880 4.942	1.674 4.234	.103 .364
51467		Baker Trks, Hancock, Hough, IHC, John Deere, New Holland, Towmotor, Vickers Hydraulic (16 Micron)	CHM	4.468	2.906	T-.480 B-1.115	15381	3.54	3.24	.093
51468		Hancock Sprayers, IHC Construction and Farm, Towmotor, Vickers Hydraulics (30 Micron)	CHM	7.062	4.530	T-.540 B-2.270	15382	5.179	4.805	.093
51469		IHC Tractors	CHM	2.473	T-7.230 B-4.636	T-2.867 B-1.490	15215 15214	7	5.687	.031 .125
51470		IHC Tractors	CHM	3.597	T-4.636 B-7.230	T-1.490 B-2.867	15214 15215	7	5.687	.125 .031
51471		Caterpillar, Hesston, John Deere and New Holland Equipment (25 Micron)	CHM	4.468	2.903	T-.480 B-1.112	15381	3.54	3.24	.093
51472		Vickers Hydraulic (Optional Applications) (25 Micron)	CHM	7.062	4.530	T-.567 B-2.260	15382	5.179	4.805	.093
51474		Case, Clark, Fiat Allis, Volvo Equipment	SHYD	5.551	3.681	2-16	Attached	2.756	2.440	.158
51475		Case Tractors + Combines	CLM	4.812	4.031	.770	15620	4.812	4.352	.062
51476		Vickers Hydraulic (19 Micron)	CHM	7.062	4.530	T-.540 B-2.270	15382	5.179	4.805	.093

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filte; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter; MP=Master Pack

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
51477		New Holland and Oliver Equipment, White Loaders	CHM	5.047	3.937	T-.530 B-2.300	Attached Packed	2.750 4.637	2.300 4.359	.047 .139
51478		Case, Hesston	SHYD	5.272	3.691	13/16-16	Attached	2.834	2.462	.275
51479		Caterpillar, Towmotor Forklifts, Volvo	SHYD	4.354	3.691	13/16-16	Attached	2.834	2.462	.200
51482		Melroe Bobcat Loaders	SHYD	9.490	3.810	1 3/8-12	Attached	2.762	2.484	.278
51483		Champion, Gehl, Kawasaki, Owatonna, Versatile Equipment	SHYD	9.490	3.810	1 3/8-12	Attached	2.762	2.484	.278
51486		Bomag Stabilizers, John Deere Tractors, Sakai Rollers	SHYD	9.490	3.810	1 3/8-12	Attached	2.762	2.484	.278
51487		Diamond T, Reo, White, IHC Trucks, Galion Road Graders, Mack Trucks (Power Steering)	PSCF	2.700	3.473	T-1.406 B-.906	15039	5.125	4.375	.07
51491		Various Hydraulic Applications	SHYD	9.490	3.810	1 3/8-12	Attached	2.762	2.484	.278
51492		Various Hydraulic Applications	SHYD	9.490	3.810	1 3/8-12	Attached	2.762	2.484	.278
51493		Dresser, IHC, Komatsu	CHM	8.998	5.061	2.938	Packed (2)	5.943	5.737	.103
51494		Various Hydraulic Applications (5 micron)	SHYD	9.490	3.810	1 3/8-12	Attached	2.762	2.484	.278
51495		Case, Cat, Fiat-Allis, John Deere, Komatsu, Other (17 micron)	SHYD	9.490	3.810	1 3/8-12	Attached	2.762	2.484	.278
51496		Various Hydraulic Applications (3 micron)	SHYD	9.490	3.810	1 3/8-12	Attached	2.762	2.484	.278
51498		Various Hydraulic Applications (33 micron)	SHYD	9.490	3.810	1 3/8-12	Attached	2.762	2.484	.278
51499		Case, I/R, Steiger, Donaldson HAK05 Housing (10 micron)	CHM	8.047	4.375	T-.725 B-2.430	Attached	3.250	2.545	.047
51501		Industrial Engine Applications, (Sock Type) (By-Pass)	CLS	18.000	7.375	2.094	None			
51502		Drill Tech D40K	CHM	13.040	4.370	T-.720 B-2.430	Attached	3.250	2.545	.047
51503		Deutz Tractors, Transicold Refrigeration Units	CLM	8.039	4.092	.567	15039 15067	5.125 4.97	4.375 4.77	.07 .125
51504		Industrial Engine Applications	CLM	18.000	7.188	2.531	None			
51506		Adams Road Graders, A-C Combines, Loaders, Case Tractors, Massey Ferguson, Other (10 Micron) - for 35 micron version, use 51567	CHM	6.991	4.530	1.796	15338 15435 [®] 15320 [®]	2.106 4.772 3.725	1.750 4.336 1.725	.250 .25 .065
51507		Clark Equipment	CHM	10.312	4.375	1.875	Attached 15371	2.490 7.281	1.880 5.312	.093 .125
51508		Cat, Donaldson HHK05 Housing	CHM	8.094	4.375	2.430	Attached	3.250	2.545	.047
51509		IHC 540, 550, 560B, 570 Payloaders	CHM	18.124	7.440	4.840	None			
51510		LeTourneau Equipment, Heavy Duty Element for Donaldson HAK05 Housing	CHM	16.047	4.375	T-.725 B-2.430	None			
51511		Industrial and Marine Engine Applications, Briggs, Hilco and Navy Standard Housings	CLM	18.000	6.000	2.645	None			
51511MP		Master Pack containing (4) 51511	MP	18.000	6.000	2.645	None			
51512		Nissan Diesel Cars/Trucks (65-86), Toyota (71-73), Nissan Forklifts, Ford Tractors, Komatsu, Other	SLUBE	5.842	2.950	3/4-16	Attached	2.734	2.430	.226
51513		Case Equipment	CHM	8.968	4.500	T-.485 B-2.250	Packed	2.250	.937	.156
51514		Allis-Chalmers, Clark	CHM	3.983	2.903	.764	Attached 15136	1.75 3.75	.812 3.258	.062 .075
51515		Chrysler Family of Cars/Trucks (57-70), Ford Family of Cars/Trucks (57-00), Mazda Trucks (94-00), Toyota Landcruiser (71-96), various HD applications - (Two Quart version is 51773)	SLUBE	5.178	3.660	3/4-16	Attached	2.834	2.462	.2
51515MP		Master Pack Containing (12) 51515	MP	5.178	3.660	3/4-16	Attached	2.834	2.462	.2
51515R		Racing Applications Only	SLUBE	5.170	3.600	3/4-16	Attached	2.834	2.462	.200
51516		Ford/Lincoln/Mercury (81-09), Chrysler/Jeep/Mitsubishi (02-09), Various Mazda (94-13), Various Industrial Equipment	SLUBE	4.828	2.921	3/4-16	Attached	2.734	2.430	.226
51516MP		Master Pack Containing (12) 51516	MP	4.828	2.921	3/4-16	Attached	2.734	2.43	.226
51517		Case, Hough, IHC (Hydraulic)	CHM	4.762	2.620	T-CLOSED B-1.224	15213	3.512	3.234	.139
51518		Case Tractors (Hydraulic)	CHM	6.000	2.312	1.370	None			
51519		Mahindra Tractors, Racine Hydraulic Systems	SHYD	3.760	3.670	1-12	Attached	2.834	2.462	.255
51521		Alfa-Romeo (86-93), Nissan Cars (67-89), Porsche (70-76), VW (71-83), Case, David Brown, Ford, New Holland Tractors, Nissan, Toyota Forklifts	SLUBE	3.790	3.660	3/4-16	Attached	2.834	2.462	.200
51522		AMC (82-86), Buick (80-11), Cadillac (81-11), Chevrolet, GM (99-12), Saturn (93-10), Jeep (81-86), Isuzu (03-09), Saab (06-09)	SLUBE	4.526	2.921	13/16-16	Attached	2.734	2.430	.226

TECHNICAL DATA

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filter; CLS=Cartridge Lube Sock Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter; MP=Master Pack

[®] Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
51522MP		Master Pack Containing (12) 51522	SLUBE	4.526	2.921	1 ⁹ / ₁₆ -16	Attached	2.734	2.43	.226
51523		Chevrolet LUV, Isuzu Diesel Trucks (81-83), Various Excavators & Loaders	SLUBE	4.801	3.670	20X1.5 MM	Attached	3.444	3.100	.260
51524		Dresser, Komatsu, Kobelco, Mitsubishi, Other	CHM	11.768	5.906	4.315	None			
51525		Transmission for Clark Lift Trucks	STRAN	5.178	3.660	3/4-16	Attached	2.834	2.462	.200
51526		Universal Hydraulic Applications, Donaldson HAK05 Housing	CHM	13.000	4.375	T-.725 B-2.430	None			
51527		Universal Hydraulic Applications, Heavy Duty Element for Donaldson HAK05 Housing	CHM	16.000	4.375	T-.725 B-2.430	None			
51528		Universal Hydraulic Applications	CHM	13.000	4.375	T-.725 B-2.430	None			
51529		Universal Hydraulic Applications, Heavy Duty Element for Donaldson HAK05 Housing	CHM	16.000	4.375	T-.725 B-2.430	None			
51530		Universal Hydraulic Applications, Heavy Duty Element for Donaldson HAK05 Housing	CHM	8.000	4.375	T-.725 B-2.430	None			
51531		Allis-Chalmers & Massey Ferguson Tractors	CHM	8.047	4.375	T-.725 B-2.430	Attached	3.250	2.545	.047
51532		Ingersoll Rand Compressors - SSR Series	CHM	8.047	4.375	T-.725 B-.625	Attached	3.250	2.545	.047
51533		Various Komatsu	CHM	11.500	5.135	2.562	None			
51534		Various Komatsu	CLM	5.700	2.550	1.000	None			
51535		Various Case, Drott, Donaldson HAK05 Housing	CHM	13.047	4.375	T-.725 B-2.430	None			
51536		Agco, Case, Komatsu, New Holland	SHYD	8.093	4.282	1 1/8-16	Attached	3.967	3.587	.340
51537		A-C, Case, Massey-Ferguson, Donaldson HAK05 Housing	CLM	8.000	4.375	T-.725 B-2.430	None			
51538		Koehring Equipment	CHM	18.580	6.500	2.975	None			
51539		Ingersoll-Rand Compressors	CHM	16.047	4.375	T-.725 B-2.430	None			
51540		Grove Cranes, Ingersoll-Rand Compressors	CHM	16.047	4.375	T-.725 B-2.430	None			
51541		John Deere, Hitachi	CHM	18.000	4.406	2.600	15356	5.947	5.703	.122
51542		John Deere Equipment	CHM	9.783	4.500	T-CLOSED B-2.265	15318 ⁸	5.5	5.25	.13
51543		Bomag, Case, GMC, Hyster, Versatile, Donaldson HAK05 Housing	CHM	16.047	4.375	T-.725 B-2.430	None			
51544		Ingersoll-Rand and Sullair Compressors, Deut-Allis, Case, Fiat-Allis Equipment, Donaldson HAK05 Housing	CHM	16.047	4.375	T-.725 B-2.430	None			
51545		Hatz Engines, Hyster, Iveco, Volvo Trks	SHYD	5.218	3.701	3/4-16	Attached	2.834	2.462	.200
51546		UCC Hydraulic Systems	SHYD	5.473	3.672	3/4-14	Attached	2.834	2.462	.255
51547		American Hoist and various other equipment, Donaldson HEK11 Housing	CHM	22.062	7.440	T-CLOSED B-4.840	Attached	6.500	4.850	.062
51549		American Hoist & Various Equipment.	CHM	22.062	7.440	T-CLOSED B-4.840	None			
51551		Various Hydraulic Applications (10 Micron) - for 20 micron version, use 51552 - for 33 micron, use 51553	SHYD	5.209	3.663	1-12	Attached	2.729	2.415	.255
51551MP		Master Pack containing (12) 51551	SHYD	5.209	3.663	1-12	Attached	2.729	2.415	.255
51552		Universal Hydraulic Applications - (20 Micron) - for 10 micron version, use 51551, for 33 micron, use 51553	SHYD	5.209	3.663	1-12	Attached	2.729	2.415	.255
51553		Various Hydraulic Applications - (33 Micron) - for 10 micron version, use 51551, use 20 micron, use 51552	SHYD	5.209	3.663	1-12	Attached	2.729	2.415	.255
51554		Allis-Chalmers, Cummins, Diamond T, Euclid, IHC, LeTourneau, Westinghouse, Luber Finer 500 series.	CLM	10.060	7.720	1.095	15068 ⁸ 15114 ⁸ 15414 ⁸ 15369 ⁸	9.937 9.025 8.95 8.53	8.312 8.475 8.45 8	.031 .275 .32 .25
51556		Various Equipment (Donaldson HEK11 Housing)	CHM	18.062	7.440	T-CLOSED B-4.840	None			
51557		Clark, Letourneau, Wabco Equipment	CHM	22.124	7.440	4.840	None			
51558		Various Hydraulic Applications, Heavy Duty Element for Donaldson HAK05 Housing	CHM	5.047	4.375	T-.725 B-2.430	None			
51559		Various Equipment and Industrial Hydraulic Applications	CHM	8.047	4.375	T-.725 B-2.430	None			

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filte; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter; STRAN=Spin-On Transmission Filter

⁸ Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
51560		I-R, Industrial Hydraulic Applications	CHM	16.047	4.375	T-.725 B-2.430	15367	5.143	4.725	.209
51561		Case Construction Equipment, Donaldson HAK05 Housing (Hydraulic)	CHM	5.047	4.375	T-.725 B-2.430	Attached	3.250	2.545	.047
51562		Various Industrial Equipment Using Donaldson HHK05 Suction System (Hydraulic)	CHM	8.110	4.375	1.860	Attached	2.258	1.968	.345
51563		Various Industrial Equipment (Hydraulic)	CHM	10.110	4.375	1.860	Attached	2.258	1.968	.345
51564		Various Industrial Applications Donaldson HHK05 Housing (Hydraulic)	CHM	16.110	4.375	1.860	None			
51565		John Deere Equipment	SHYD	8.220	5.000	1 1/2-16	Attached	4.200	3.735	.160
51566		Ag Chem, John Deere, Hitachi, Volvo	SHYD	11.710	5.000	1 1/2-16	Attached	4.200	3.735	.160
51567		Various HD Equipment w/ Gresen Hyds (33 Micron) - for 10 micron version, use 51506	CHM	6.991	4.530	1.796	15338 15435 ⁸ 15320 ⁸	2.106 4.772 3.725	1.750 4.336 1.725	.250 .25 .065
51568		Komatsu Equipment, Yanmar Engines	SLUBE	4.072	3.234	20X1.5 MM	Attached	2.475	2.173	.148
51569		Ford Tractors	CTF	4.970	3.480	T-CLOSED B-.625	Packed		3.75	.032
51570		Various Industrial & Equipment Applications Donaldson HHK05 Housing (Hydraulic)	CHM	16.110	4.375	1.860	None			
51571		Case Tractors (2 Elements per box)	CHM	7.120	4.530	2.282	Packed			.031
51572		A-C, Agco, White Tractors	CHM	6.975	4.531	1.835	Packed Packed Packed	3.512 2.080 4.780	3.234 1.700 4.350	.139 .250 .250
51573		Ingersoll Rand, Industrial Equip.	CHM	5.094	4.375	2.430	Attached	3.250	2.545	.047
51574		Ingersoll-Rand, Koehring, Donaldson HHK05 Housing	CHM	8.094	4.375	2.430	Attached	3.250	2.545	.047
51576		Ingersoll-Rand, Donaldson HHK05 Housing	CHM	8.058	4.375	T-2.430 B-2.544	Attached	3.250	2.545	.047
51577		Ford 5500, 5550 Tractors	CHM	9.657	4.500	2.250	Attached	2.750	2.300	.047
51578		Dresser, IHC, Komatsu	CHM	15.062	6.500	5.500	None			
51579		Dresser, IHC, Komatsu	CHM	12.125	6.500	5.500	None			
51580		P-H Equipment, Donaldson HAK05 Housing (Hydraulic)	CHM	5.047	4.375	T-.725 B-2.430	Attached	3.250	2.545	.047
51581		Various Cummins - Oil Filter for Turbocharger	SLUBE	5.178	3.660	1 3/16-16	Attached	2.834	2.462	.200
51583		Koehring Equipment (Hydraulic) - 2 per box	CHM	5.047	4.375	T-.750 B-2.430	Attached	3.250	2.545	.047
51584		Timber Jack Logging Equipment (Hydraulic)	CHM	8.000	4.375	T-.845 B-2.025	None			
51585		Case 1155D Loader (Hydraulic)	CHM	12.297	4.375	T-2.025 B-2.430	None			
51586		Bobcat, John Deere, Toro, Other	SHYD	4.470	3.820	1 3/8-12	Attached	2.700	2.500	.100
51587		Caterpillar Paving Equipment	CHM	13.110	4.375	1.860	Attached	2.258	1.968	.345
51588		Komatsu, Wabco Equipment	CHM	18.625	5.094	3.375	None			
51589		Hitachi, John Deere Equipment	CHM	6.000	1.970	T-.950 B-CLOSED	Packed	2.745	2.485	.130
51590		Ford Wheel Tractors (Hydraulic)	CHM	12.687	3.275	1.585	15376	4.5	2	.062
51591		Caterpillar 3508, 3512, 3516 Engines	CLM	10.156	7.325	2.630	Attached	3.990	2.640	.093
51592		Cummins, Komatsu, Onan Engines	SLUBE	5.214	3.663	22X1.5 MM	15614	2.834	2.462	.255
51593		Donaldson HHK05 Hyd Housings	CHM	16.094	4.375	2.430	None			
51594		Clark 35C Loader (Hydraulic)	CHM	16.094	4.375	2.430	None			
51595		Various Hyster Forklifts (Hydraulic)	CHM	14.875	4.000	T-1.250 B-1.555	None			
51596		Volvo Marine & Truck Engines	SLUBE	5.205	4.254	1-12	Attached	2.834	2.462	.200
51597		John Deere Equipment	CHM	3.750	2.903	1.120	None			
51598		John Deere Loaders (Hydraulic)	CHM	7.530	2.903	1.120	None			
51599		Case, Cat, Kato, Kobelco, Mitsubishi Fuso (2 elements per box - 2 different sizes - 1 full flow - 1 by-pass)	CLM				Packed (2)			
51601		Agco, Fiat-Allis, Iveco, Other	SLUBE	5.205	4.282	3/4-16	Attached	2.834	2.462	.200
51602		Agco, Case, Consolidated/Cummins 3.9L Engine, I-R, Komatsu, Other	SLUBE	5.214	3.663	1-16	Attached	2.834	2.462	.255
51602MP		Master Pack containing (12) 51602	SLUBE	5.214	3.663	1-16	Attached	2.834	2.462	.255
51603		Clark Equipment (Hydraulic)	CHM	7.565	4.500	2.225	None			

TECHNICAL DATA

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter
⁸ Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
51605		Komatsu Crawler Tractors (Hydraulic)	CHM	9.130	3.970	1.680	None			
51606		Eaton, Yale and Towne (Hydraulic)	CHM	9.125	5.094	3.335	None			
51607		Cummins 5.9L "B" Series Eng. Dodge PU w/Diesel Eng. (89-02), Various HD Equip. (For High Efficiency Fluted Version Use 57620XE).	SLUBE	6.987	3.670	1-16	Attached	2.834	2.462	.255
51607MP		Master Pack containing (12) 51607	MP	6.987	3.670	1-16	Attached	2.834	2.462	.255
51608		Case Tractors - Kit contains 2 # 51468 filters w/ special gasket	CHM	7.062	4.530	T-.540 B-2.270	Packed			.031
51609		Various Komatsu	SLUBE	5.340	3.690	1-12	Attached	2.855	2.490	.290
51610		Champion Motor Graders, Char-Lynn Hyd. Systems (10 Micron)	SHYD	5.216	3.698	1 1/4-12	Attached	2.729	2.415	.255
51611		Champion Motor Graders, I-R, Massey, Char-Lynn Hyd. Systems (32 Micron)	SHYD	5.216	3.698	1 1/4-12	Attached	2.729	2.415	.255
51612		Power Steering on IHC Trucks	SPSTR	4.338	3.660	13/16-16	Attached	2.834	2.462	.200
51613		Cummins Engines (65-82), White Trucks	CLM	7.409	4.766	1.500	15402 ⁸ 15410 ⁸	6.252 5.637	5.852 5.359	.200 .139
51614		Zinga Hydraulic Systems - (Has wire mesh media - 141 micron)	SHYD	5.745	3.730	1-12	Attached	2.865	2.500	.125
51615		IHC and Dresser Equipment	SHYD	11.710	5.000	1 1/2-16	Attached	4.200	3.735	.160
51616		John Deere Equipment	SHYD	8.220	5.000	1 1/2-16	Attached	4.255	3.700	.195
51619		Towmotor T25D, T40D, TC60D, V25D Forklifts	SHYD	7.038	3.689	1 1/8-16	Attached	2.834	2.462	.275
51620		High-Performance, High Pressure Version of 51060.	SLUBE	5.196	3.691	13/16-16	Attached	3.444	3.100	.260
51621		Caterpillar Excavators	SHYD	6.991	3.689	1 1/8-16	Attached	2.834	2.462	.275
51622		Allison Transmissions, Cat, Clark, Ford Trucks, Other	STRAN	5.216	3.691	3/4-16	Attached	2.834	2.462	.175
51623		Allison Transmissions HT740, HT750 (81-93) - High Efficiency version is 57623	STRAN	10.287	4.590	1 5/16-12	Attached	4.200	3.662	.415
51624		Hyster Equipment w/Mazda M4 121 Eng.	STRAN	4.354	3.701	3/4-16	Attached	2.834	2.462	.200
51626		Dodge Monaco (91), Eagle (88-92), Jeep (87-93)	SLUBE	3.812	3.663	20X1.5 MM	Attached	2.834	2.462	.200
51627		Toyota Forklifts, Landcruiser diesel (86-87)	SLUBE	5.571	4.252	30X1.5 MM	Attached	3.400	3.000	.310
51628		Excel, John Deere, Melroe Bobcat	SHYD	7.827	3.735	1-12	Attached	2.834	2.462	.275
51629		Lister/Petter Diesel Eng.	CLM	2.125	2.000	.885	Attached	2.000	1.062	.062
51630		GM Family of Cars w/2.5L Engine (87-92) (Fits Inside Oil Pan)	CLM	2.736	T-2.693 B-2.944	T-.681 B-CLOSED	15351 Attached	2.881 1.102	2.675 .681	.103 .504
51631		Sullair Compressors	SHYD	5.477	3.698	.974-20	Attached	2.834	2.462	.255
51632		Blaw-Knox Paving Equipment (7 Micron)	SHYD	6.872	5.007	1 1/2-16	15661 15658	5.030 5.055	4.440 4.48	.190 .359
51633		Caterpillar Excavators (4 per change)	CHM	6.549	4.467	2.325	None			
51634		Caterpillar, Komatsu Excavators	CHM	6.549	4.647	2.325	None			
51635		John Deere	CHM	7.346	4.500	T-CLOSED B-2.219	15318 ⁸	5.5	5.25	.13
51636		John Deere	CHM	7.566	4.500	2.219	15318 ⁸	5.5	5.25	.13
51637		Power Steering on Heavy Duty Trucks	PSCF	4.125	5.000	T-1.500 B-.860	None			
51638		Massey-Ferguson	CHM	7.500	3.825	2.125	None			
51639		John Deere Loaders	CHM	8.031	4.530	2.260	Attached	4.340	2.280	.065
51640		Hino, Hitachi, Isuzu Engines, Kobelco, Sakai, White Tractors	CLM	6.650	4.100	T-.580 B-1.937	Packed Packed Packed Packed	.441 .529 .844 4.884	.299 .386 .606 4.646	.063 .075 .122 .122
51641		Nissan UD Trucks	SLUBE	6.601	4.276	3/4-16	Attached	2.834	2.462	.200
51642		Nissan UD Trucks, Engines	SLUBE	8.053	4.286	1 1/8-16	Attached	3.314	2.942	.200
51644		Waukesha Engines, John Deere (Sock Type)	CLS	32.000	4.250	1.670	None			
51645		Waukesha Engines (Sock Type)(By-Pass)	CLS	16.375	4.250	1.250	None			
51647		Nissan UD Trucks 6 Cyl. Diesel	SLUBE	5.178	3.660	3/4-16	Attached	2.834	2.462	.200
51648		John Deere Backhoes and Loaders	SHYD	11.710	4.895	1 1/2-16	Attached	4.220	3.740	.340
51649		Cummins Engines, Hino Trucks, Hitachi, Other (if anti-drain back valve required, use 57239)	SLUBE	8.058	4.658	1 1/2-12	Attached	4.320	3.820	.365
51650		Marvel Hydraulic Systems, Jacobsen Lawn Equipment	SHYD	5.127	3.796	1 5/16-12	Packed (O-Ring) Packed Packed	3.512 2.61 2.61	3.234 2.41 2.41	.139 .125 .125
51651		Marvel Hydraulic Systems	SHYD	4.304	3.810	1 5/16-12	Packed Packed	3.512 2.410	3.234 2.210	.139 .100

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filte; CLS=Cartridge Lube Sock Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter;

SPSTR=Spin-On Power Steering Filter; STRAN=Spin-On Transmission Filter; MP=Master Pack

⁸ Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
51652		Allis Chalmers 6060, 6070, 6080 Tractors	SHYD	7.771	3.810	1 5/16-12	Packed Packed	3.512 2.410	3.234 2.210	.139 .100
51653		Power Steering on Case, Ford, IHC, M-F Tractors	PSCF	1.562	3.093	1.031	None			
51654		Fiat Allis, Hitachi, Kobelco, Komatsu, Volvo, Other	CHM	17.720	5.910	4.340	None			
51655		Case Wheel Loaders	CHM	9.750	6.500	1.850	None			
51657		Clark, Mercedes, P&H, Waukesha, Winslow (Sock Type)	CLS	16.000	4.500	1.447	15176	6.04	5.74	.062
51659		Caterpillar Excavators	SLUBE	8.660	4.330	1 1/8-16	Attached	3.967	3.587	.320
51660		Volvo Engines, Mack, Other - Spin-on By-Pass Lube Filter	SLUBE	10.365	4.282	1 3/8-16	Attached	3.967	3.587	.340
51661		Clark Forklifts, CAT Engines	CHM	3.970	5.980	3.516	15599	4.500	3.500	.125
51662		Clark, IHC Equipment	CHM	11.563	3.473	T-CLOSED B-1.485	None			
51663		Cessna Hyd. Systems, CAT, Clark, Komatsu, New Holland, Racine, Wayne, Other (10 Micron) - (51664 is 20 micron version)	SHYD	5.214	3.663	1 1/8-16	Attached	2.729	2.415	.255
51664		Cessna Hydraulic Systems, Bobcat, Davis, Oliver, Racine, Clark Tow Trucks, Ford Tractors, John Deere, JCB, Kobelco, Hyundai, Other (20 Micron) (51663 is 10 micron version)	SHYD	5.214	3.663	1 1/8-16	Attached	2.729	2.415	.255
51665		Ford Tractors	CHM	6.031	T-6.000 B-6.530	T-2.400 B-3.500	None			
51666		Allis-Chalmers Combines, Clark, IHC	CTF	4.195	T-1.705 B-1.742	T-CLOSED B-.805	15596	2.005	1.799	.103
51667		IHC Equipment	CHM	4.812	5.061	2.938	None			
51668		Case, IHC, Komatsu, Volvo	CHM	3.045	5.061	2.938	15069 Packed Packed	5.985 .630 .566	5.765 .424 .426	.125 .103 .070
51669		Komatsu Equipment	SLUBE	9.794	4.661	1 1/2-12	Attached	4.320	3.820	.365
51671		Cummins V504 Engines, Cedar Rapids, John Deere, Komatsu (if anti-drain back valve required, use 57240)	SLUBE	9.777	4.658	1 1/2-12	Attached	4.320	3.820	.365
51672		Massey-Ferguson, Other	CHM	10.130	4.375	2.430	Attached	3.250	2.545	.047
51673		Chev, GMC, Isuzu Cab-Forward Trucks	SLUBE	6.183	4.652	1 1/2-12	Attached	4.320	3.820	.365
51674		Mitsubishi FK & FM Series Trucks, Nissan UD Series Trucks	SLUBE	8.633	4.652	36X1.5 MM	Attached	4.320	3.820	.365
51675		Mitsubishi Trucks	SLUBE	5.981	4.282	26X1.5 MM	Attached	2.834	2.462	.200
51676		Sullair Compressors (1 1/4 X 11 B.S.P. Thread.)	SHYD	7.088	4.644	1 1/4-11 BSP	Attached	4.320	3.820	.365
51677		Clark, Michigan (32 Micron)	CHM	18.000	6.000	2.718	None			
51678		Komatsu Equipment (Hydraulic)	CHM	11.000	3.937	2.300	None			
51679		Clark, Michigan, Volvo (10 Micron)	CHM	18.000	6.003	2.718	None			
51680		Sullair Compressors (1 1/4 B.S.P. Thread.)	SHYD	11.345	4.668	1 1/4-11 BSP	Attached	4.320	3.820	.365
51682		Schroeder Hydraulic Systems	CHM	4.936	3.000	1.047	Attached	1.875	1.062	.421
51683		Various HD Equipment	CHM	8.170	3.100	T-CLOSED B-1.658	Attached	1.880	1.674	.103
51684		Various Equipment using Pall Hydraulic Systems	CHM	16.850	3.100	T-CLOSED B-1.735	Attached	1.880	1.674	.103
51685		Bomag and Various Equipment using Pall Hydraulic Systems	CHM	4.620	3.100	T-CLOSED B-1.658	Attached	1.880	1.674	.103
51686		Various Equipment using Pall Hydraulic Systems	CHM	8.170	3.100	T-CLOSED B-1.658	Attached	1.880	1.674	.103
51688		Various Equipment using Pall Hydraulic Systems	CHM	8.230	3.070	T-CLOSED B-1.700	Attached	1.880	1.674	.103
51689		Various Equipment using Pall Hydraulic Systems	CHM	12.950	3.100	T-CLOSED B-1.658	None			
51690		Various Equipment using Pall Hydraulic Systems	CHM	12.950	3.100	T-CLOSED B-1.658	Attached	1.880	1.674	.103
51691		Various Equipment using Donaldson Hydraulics	CHM	8.000	3.100	T-CLOSED B-1.735	None			
51692		High Efficiency element for Detroit Diesel/Allison Transmissions	CTF	12.950	3.100	T-CLOSED B-1.710	None			
51693		High Efficiency element Detroit Diesel/Allison Transmissions	CHM	16.850	3.750	T-CLOSED B-2.158	Attached	2.381	2.175	.103
51694		Case, John Deere Tractors	CHM	4.620	3.100	T-CLOSED B-1.658	Attached	1.880	1.674	.103
51695		High efficiency element for Detroit Diesel/Allison transmissions	CTF	12.950	3.100	T-CLOSED B-1.710	None			

TECHNICAL DATA

* CHM=Cartridge Hydraulic Metal Canister; CLS=Cartridge Lube Sock Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
51696		Case 1835, 1845 Unloaders (Hydraulic)	CHM	4.762	2.620	T-CLOSED B-1.224	Attached	1.500	1.224	.135
51697		Various Equipment using Donaldson Hydraulics.	CHM	8.000	3.100	T-CLOSED B-1.735	None			
51698		Allison Transmissions - Various HD Equipment	CTF	16.850	3.750	T-CLOSED B-2.158	None			
51699		Pall and Parker Hydraulic Systems	CHM	8.345	3.100	1.735	None			
51700		Oliver Tractors, Waukesha Engines (Male Rolled Threads)	SMRTH	8.128	3.789	2 3/4-4	15363	3.049	2.675	.250
51704		Transicold Refrigeration Units w/Perkins Engines	SLUBE	6.952	3.663	5/8-18	15614	2.834	2.462	.255
51709		Pall Hydraulic Systems	CHM	16.850	T-3.140 B-3.100	T-CLOSED B-1.674	None			
51712		Hydraulic and Transmission on Ford & Massey Ferguson Tractors	SHYD	5.214	3.663	1 1/8-16	Attached	2.729	2.415	.255
51714		Fiat-Allis, Ford, Kubota, Lamborghini Tractors	SLUBE	6.605	4.282	3/4-16	Attached	2.834	2.462	.200
51715		Agco, Montana, White Tractors	SHYD	7.283	4.282	40X2.0 MM	Attached	3.967	3.587	.340
51716		IHC Loaders, Komatsu	SHYD	8.810	5.000	3-8	None			
51717		Dorman Diesel, Fairbanks-Morse, Leyland Diesel, Petter Diesel, Volvo	CLM	10.031	3.593	1.937	15579	4.234	3.984	.156
51719		Ford, John Deere, Case-New Holland, Volvo Equipment	SHYD	11.630	4.770	1 3/4-12	Attached	3.340	3.110	.140
51720		Caterpillar Excavators, Loaders	SHYD	5.520	3.130	2-12	None			
51721		Ingersoll Rand 1100, 1300, 1400 Compressors	SHYD	11.630	4.770	1 3/4-12	Attached	3.340	3.110	.140
51722		Small version of 51792	SLUBE	10.345	4.658	1 1/2-16	Attached	4.320	3.800	.365
51723		Towmotor Models V60D, V70D, V80D Lifttrucks	CHM	9.000	4.530	2.260	None			
51724		John Deere Equipment	SHYD	8.000	3.681	1 1/2-16	Attached	3.430	2.975	.359
51725		Kobelco, Gehl, Mazda, Perkins Industrial Diesel Engines	SLUBE	5.000	4.213	1-12	Attached	3.865	3.450	.290
51726		Isuzu Industrial Engines	SLUBE	5.985	4.173	20X1.5 MM	Attached	3.865	3.450	.290
51727		Claas, Mercedes-Benz Trks w/ OM352 Series Engines	CLM	8.999	4.734	1.743	Attached	4.716	3.464	.125
51728		Hitachi Loaders w/ Isuzu Engines	SLUBE	9.774	4.658	1 3/8-16	Attached	4.320	3.820	.365
51729		Case, Cat, John Deere Tractors	SHYD	14.240	4.770	1 3/4-12	Attached	3.340	3.110	.140
51730		Caterpillar, Challenger, New Holland, Volvo, Other Equipment - 10 Micron - (51731 is 5 micron version)	SHYD	11.630	4.770	1 3/4-12	Attached	3.340	3.110	.140
51731		Bobcat, Case, John Deere, Poclain - 5 Micron - (51730 is 10 micron version)	SHYD	11.630	4.770	1 3/4-12	Attached	3.340	3.110	.140
51732		Various BMW (77-92), DAF Engines	CLM	5.031	3.300	1.120	Packed	3.860	3.543	.157
51733		Clark C55, 475C, Volvo L330, Various Caterpillar Equipment	SHYD	11.630	4.770	1 3/4-12	Attached	3.350	3.110	.140
51734		Ford/IHC Trucks w/7.3L Turbo Diesel (94-03)	SLUBE	8.093	4.282	1 1/2-16	Attached	3.967	3.587	.340
51734MP		Master Pack Containing (12) 51734	MP	8.093	4.282	1 1/2-16	Attached	3.967	3.587	.34
51734XE		Synthetic Media Version Of 51734	SLUBE	8.122	4.266	1 1/2-16	Attached	3.967	3.587	.340
51735		Ag-Chem, Agco, Allis Chalmers, Other	SHYD	6.872	5.041	1 1/2-16	15415	5.140	4.750	.195
51736		Ford, New Holland Tractors	SHYD	5.588	3.705	1 1/8-16	Attached	2.729	2.415	.255
51737		New Holland 1078, 1079, 1085 Hay Balers	SLUBE	10.362	4.282	1 1/8-16	Attached	3.967	3.587	.340
51738		Yale & Towne Forklifts w/Mazda Eng.	CHM	8.000	3.265	1.650	Attached	3.031	1.855	.062
51739		Denyo Compressors	SHYD	6.605	4.262	1 1/4-16	Attached	2.834	2.462	.200
51740		Cat, John Deere	SHYD	6.872	5.007	1 1/2-16	15859	4.762	4.484	.139
51741		Case, Cummins, Komatsu, Volvo, Other	SLUBE	9.340	4.668	2 1/4-12	Attached	4.362	4.002	.425
51741XD		Case, Cummins, Komatsu, Volvo, Other (Extended drain version of 51741)	SLUBE	9.340	4.668	2 1/4-12	Attached	4.362	4.002	.425
51742		Ford, IHC Trks w/6.9 Diesel Engine (83-93), 7.3L Diesel Engine (87-95)	SLUBE	5.968	4.282	1 1/2-16	Attached	3.967	3.587	.340
51742MP		Master Pack containing (12) 51742	MP	5.968	4.282	1 1/2-16	Attached	3.967	3.587	.34
51744		Allis Chalmers Combines, Gleaners, Cotton Harvester	CHM	7.320	2.620	T-CLOSED B-1.224	None			
51745		TCM Forklifts w/C240 Isuzu Eng.Isuzu C221, C240, Eng Used in Generators	CLM	5.713	3.307	T-.765 B-1.535	Packed (6) 15650 ⁸	4.387	4.109	.139
51746		Cat, Ford/New Holland Equipment (5 Micron)	SHYD	6.872	5.007	1 1/2-16	15386 ⁸ 15661 ⁸ 15859 ⁸	5.072 5.03 4.762	4.692 4.44 4.484	.187 .19 .139
51747		Various IHC engines - High efficiency version of 51789	SLUBE	8.113	4.282	1-12	Attached	2.834	2.462	.200
51748		Cummins Engines, Komatsu (Full-Flow/By-Pass - shorter version is 51741)	SLUBE	11.228	4.668	2 1/4-12	Attached	4.362	4.002	.425

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter; SMRTH=Spin-On Male Rolled Thread Filter; MP=Master Pack

⁸ Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
51748EC		ecoLAST variation of 51748 - uses specific proprietary filtration media to sequester acids which extends oil life and extends filter drain interval - For over the road truck use only - Must be used with oil analysis to confirm drain interval - oil analysis kit part # is 24078ECD or 24078ECP (order separately) - see warranty that comes packaged with the product	SLUBE	11.228	4.668	2 ¼-12	Attached	4.362	4.002	.425
51748MP		Master Pack containing (6) 51748	MP	11.228	4.668	2 ¼-12	Attached	4.362	4.002	.425
51748XD		Extended Drain Version of 51748	SLUBE	11.364	4.668	2 ¼-12	Attached	4.440	4.002	.425
51749		Cummins and Detroit Diesel, John Deere (1980-93), Hitachi Excavators, IHC Trucks	SLUBE	9.748	4.661	1 ⅝-16	Attached	4.320	3.820	.365
51749MP		Master Pack containing (6) 51749	MP	9.748	4.661	1 ⅝-16	Attached	4.32	3.82	.365
51750		Standard Version of 51751 - 4 per carton - Cummins, Detroit Diesel + Other - Element Type By-Pass	CLM	15.060	7.720	1.095				
51751		Heavy Duty Version of 51750 - 1 per carton	CLM	15.060	7.720	1.095	15068 [®] 15414 [®] 15114 [®] 15173 [®] 15369 [®] 15094 [®]	9.937 8.95 9.025 8.98 8.53 8.76	8.312 8.45 8.475 8.375 8 8.281	.031 .32 .275 .093 .25 .093
51753		Extended Life Pleated Paper Media Version of 51750 and 51751.	CLM	15.031	7.500	1.095				
51754		Ford Trucks 7.8L Diesel Eng. (87-93)	SLUBE	7.332	4.282	1-12	Attached	2.834	2.462	.200
51755		Caterpillar Starting Engines.	SLUBE	5.178	3.660	⅞-14	Attached	2.729	2.415	.255
51756		Universal Hydraulic Applications (6 Micron)	SHYD	6.872	5.007	1 ½-16	15415 15661 [®] 15658 [®]	5.14 5.03 5.055	4.75 4.44 4.48	.195 .19 .359
51758		Ag-Chem, Case, John Deere, Other Equipment (25 Micron)	SLUBE	6.872	5.007	1 ½-16	15658 [®] 15661 [®] 15758	5.055 5.03 5.140	4.48 4.44 4.750	.359 .19 .185
51759		Various Hydraulic Applications (Hydraulic Version of 51758) (10 Micron)	SHYD	6.872	5.007	1 ½-16	15415 15658 [®] 15661 [®]	5.14 5.055 5.03	4.75 4.48 4.44	.195 .359 .19
51760		Allis-Chalmers Lift Trucks, Austin Western Motor Graders, Case Tractors, Marvel Hydraulics	CHM	7.320	2.620	T-CLOSED B-1.224	15213	3.512	3.234	.139
51762		Kohler and Onan Engines	SLUBE	4.575	2.966	¾-16	Attached	2.865	2.421	.217
51764		Deutz, Kohler, Onan Engines - Has Hexnut on Top of Can	SLUBE	5.279	2.966	¾-16	Attached	2.865	2.421	.217
51765		Case Tractors, Ford Wheel Loaders, M.A.N. Trucks, M/F Combine	CHM	7.563	4.500	2.265	None			
51767		Minneapolis-Moline, Oliver Tractors (Sock Type)	CLS	7.750	4.125	1.000	Packed	5.125	4.375	.062
51768		ABG Construction Equipment, Bomag, Case/IHC, Deutz Engines, Deutz Tractors, Komatsu, Mitsubishi, Poclairn	SLUBE	5.178	3.660	1-12	Attached	2.834	2.462	.175
51769		Case Farm, Construction Tractors	SLUBE	6.987	3.670	1-12	Attached	2.729	2.415	.255
51772		Case & John Deere Tractors	SLUBE	7.827	3.698	1-12	15614	2.834	2.462	.255
51773		Ford Trucks, Massey-Ferguson Tractors, Oliver Tractors, VW Eurovan (93-96)	SLUBE	6.982	3.663	¾-16	Attached	2.834	2.462	.2
51773MP		Master Pack containing (12) 51773	MP	6.982	3.663	¾-16	Attached	2.834	2.462	.2
51774		Ford Tractors & Wheel Loaders	SLUBE	5.205	4.282	1-12	Attached	2.834	2.462	.200
51775		Ford Tractors, I-R, Grove, Koehring, Other	SLUBE	5.178	3.660	¾-16	Attached	2.834	2.462	.200
51777		Ford Tractors, Ford Trucks w/6.6L. Diesel.	SLUBE	6.031	5.550	1 ⅝-16	Attached	4.300	3.940	.348
51778		New Holland 774 Tractors	SHYD	6.477	3.663	1 ⅝-16	Attached	2.729	2.415	.255
51780		Allis-Chalmers, Fiat-Allis, IHC	CHM	9.030	4.312	1.609	15300 15303 Packed	5.023 5.025 1.322	4.551 4.475 .740	.117 .275 .096
51781		Minneapolis Moline and Oliver Tractors (Hydraulic)	CHM	5.562	2.031	T-CLOSED B-.885	Packed	3.512	3.234	.139
51782		John Deere Construction Equipment (Hydraulic)	CHM	7.968	4.531	2.260	Attached	4.375	2.406	.031
51784		IHC/Navistar Trucks (75-93), Case, Hitachi	SLUBE	6.987	3.674	1-12	15614	2.834	2.462	.255
51784MP		Master Pack containing (12) 51784	MP	6.987	3.674	1-12	15614	2.834	2.462	.255
51785		Alfa Romeo (76), (94-95); Onan Engines	SLUBE	3.575	2.966	¾-16	Attached	2.865	2.421	.217
51786		Case Tractors	CHM	6.090	T-3.778 B-3.781	1.100	Attached	1.600	1.100	.125
51787		Case 870, 970, 1070, 1150 Tractors (Hydraulic)	CHM	5.960	3.781	1.100	None			

TECHNICAL DATA

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filter; CLS=Cartridge Lube Sock Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter; MP=Master Pack
[®] Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
51789		Galion, Hough, IHC Construction and Farm Equipment & IHC Heavy Duty Trucks (For high efficiency version, use 51747)	SLUBE	7.827	3.698	1-12	15614	2.834	2.462	.255
51789MP		Master Pack containing (12) 51789	MP	7.827	3.698	1-12	15614	2.834	2.462	.255
51790		IHC Wheel Tractors (Transmission)	CTF	5.528	2.903	T-CLOSED B-1.118	Packed Attached	3.693 1.875	3.487 1.125	.103 .062
51791		Cat, Mack, Volvo (For High Efficiency 100% Glass Media use 51791XE - For Performance between 51791 + 51791XE, use 57791 uses cellulose/glass blend) - For Extended Drain Version Use 51791XD)	SLUBE	10.365	4.282	1 1/8-16	Attached	3.967	3.587	.340
51791EC		ecoLAST variation of 51791 - uses specific proprietary filtration media to sequester acids which extends oil life and extends filter drain interval - For over the road truck use only - Must be used with oil analysis to confirm drain interval - oil analysis kit part # is 24078ECD or 24078ECP (order seperately) - see warranty that comes packaged with the product	SLUBE	10.365	4.282	1 1/8-16	Attached	3.967	3.587	.34
51791MP		Master Pack containing (6) 51791	MP	10.365	4.282	1 1/8-16	Attached	3.967	3.587	.34
51791XD		Caterpillar, Mack Trucks, Volvo (Extended Drain Version of 51791)	SLUBE	10.365	4.282	1 1/8-16	Attached	3.967	3.587	.34
51791XE		CAT Equip, Mack, Volvo, Other - Synthetic (100% Glass) High Efficiency Media Version of 51791	SLUBE	10.000	4.000	1 1/8-16	Attached	3.967	3.587	.340
51792		Caterpillar Engines - standard version - for high efficiency glass media, use 51792XE - for extended drain version, use 51792XD - for performance in between the standard and the XE version, use 57792 (extra-efficient)	SLUBE	12.184	5.342	1 1/2-16	Attached	4.320	3.820	.365
51792EC		ecoLAST variation of 51792 - uses specific proprietary filtration media to sequester acids which extends oil life and extends filter drain interval - For over the road truck use only - Must be used with oil analysis to confirm drain interval - oil analysis kit part # is 24078ECD or 24078ECP (order seperately) - see warranty that comes packaged with the product	SLUBE	12.184	5.342	1 1/2-16	Attached	4.32	3.82	.365
51792MP		Master Pack containing (6) 51792	MP	12.184	5.342	1 1/2-16	Attached	4.32	3.82	.365
51792XD		Extended Drain Version of 51792	SLUBE	12.184	5.342	1 1/2-16	Attached	4.320	3.820	.345
51792XE		Glass Media Version of 51792 (High Efficiency)	SLUBE	12.184	5.342	1 1/2-16	Attached	4.320	3.820	.345
51794		Chevrolet and GMC Trucks (73-93)	SLUBE	7.822	3.674	13/16-16	Attached	3.444	3.1	.26
51794MP		Master Pack containing (12) 51794	MP	7.822	3.674	13/16-16	Attached	3.444	3.1	.26
51794R		Racing Applications Only	SLUBE	7.820	3.600	13/16-16	Attached	3.444	3.100	.260
51795		Allis-Chalmers Farm Tractors and Combines	SLUBE	7.332	4.282	1-16	Attached	2.834	2.462	.200
51796		Allis-Chalmers Farm Tractors and Combines	SLUBE	5.988	4.282	1-16	Attached	2.834	2.462	.200
51797		Case, IHC/Navistar Trucks + Tractors	SLUBE	7.878	3.698	1-12	Attached	2.729	2.415	.255
51798		Caterpillar, Detroit Diesel Engines, Hitachi Excavators, Isuzu H.D. Trucks, Mitsubishi Trucks	SLUBE	5.968	4.282	1 1/8-16	Attached	3.967	3.587	.340
51799		IHC Trucks w/DT466, DT408, DT530 Diesel Engines, Agco Tractors	SLUBE	12.184	5.342	36X1.5 MM	Attached	4.320	3.820	.365
51799EC		ecoLAST variation of 51799 - uses specific proprietary filtration media to sequester acids which extends oil life and extends filter drain interval - For over the road truck use only - Must be used with oil analysis to confirm drain interval - oil analysis kit part # is 24078ECD or 24078ECP (order seperately) - see warranty that comes packaged with the product	SLUBE	12.184	5.342	36X1.5 MM	Attached	4.32	3.82	.365
51799MP		Master Pack containing (6) 51799	SLUBE	12.184	5.342	36X1.5 MM	Attached	4.32	3.82	.365
51799XD		Extended Drain Version of 51799	SLUBE	12.130	5.342	36X1.5 MM	Attached	4.32	3.8	.21
51800		ABG Construction Equipment, Allis Chalmers Combines & Tractors, Atlas Copco, Deutz Engines, Iveco/Magirus Trucks, Poclairn	SLUBE	10.365	4.272	1 1/8-16	Attached	3.967	3.587	.340
51801		Dresser, Hough, Komatsu, IHC/Navistar Trucks, CAT Engines	SLUBE	9.935	5.342	1 1/2-16	Attached	4.320	3.820	.365
51802		Thermo-King Refrigeration Units (77-87)	SLUBE	7.332	4.282	3/4-20	Attached	2.834	2.462	.200
51803		Carrier/Transcold Refrigeration Units	SLUBE	6.987	3.670	1-12	15614	2.834	2.462	.255
51806		Construction & Farm Equipment w/ Perkins or Caterpillar Engines	SLUBE	5.189	3.663	3/4-16	Attached	2.834	2.462	.200
51806MP		Master Pack Containing (12) 51806	SLUBE	5.189	3.663	3/4-16	Attached	2.834	2.462	.2
51807		Thermo-King Refrigeration Units	SLUBE	6.987	3.670	1-12	Attached	2.834	2.462	.255
51808		Thermo-King Refrigeration Units	SLUBE	7.332	4.282	1-12	Attached	2.834	2.462	.2
51809		Thermo-King Refrigeration Units (Full-Flow/By-Pass)	SLUBE	6.991	3.689	26X1.5 MM	Attached	2.775	2.470	.255
51810		Equipment using Detroit Diesel 3-53, 4-53 Engines, Hino Trucks	SLUBE	6.219	4.658	1 1/2-12	Attached	4.320	3.820	.365

* SLUBE=Spin-On Lube Filter; MP=Master Pack

® Housing gasket not packaged with filter - order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
51810XE		Synth Media Version Of 51810	SLUBE	6.236	4.658	1 1/2-12	Attached	4.320	3.820	.365
51816		Caterpillar Hydraulic	CHM	9.062	3.090	1.860	None			
51817		Ford 8670, 8770, 8870, and 8970 Tractors	SHYD	9.440	3.820	1 3/8-12	Attached	2.762	2.484	.278
51818		Atlas-Copco Compressors	SHYD	7.827	3.698	1-12	Attached	2.834	2.462	.255
51819		Various John Deere Equipment	SHYD	9.440	3.820	1 3/8-12	Attached	2.755	2.490	.190
51820		ABG Construction Equipment, Atlas Copco and Ingersoll-Rand Compressors, Daf, Deutz, Iveco Trucks, Magirus Trucks, Massey-Ferguson, Volvo Trucks	SLUBE	7.827	3.698	1-12	Attached	2.834	2.462	.255
51821		Massey-Ferguson Tractors	SHYD	5.500	3.663	24X2.0 MM	Attached	2.834	2.462	.255
51823		Allis Chalmers, Fiat Allis	CTF	13.000	4.312	1.609	15303 15300 Packed	5.025 5.023 1.322	4.475 4.551 .74	.275 .117 .096
51824		John Deere Construction and Farm Equipment (19 Micron)	SLUBE	6.872	5.007	1 1/2-12	Packed	5.086	4.71	.188
51825		Allis-Chalmers, Hesston Tractors, Iveco, Komatsu, Yanmar Marine Engines	SLUBE	8.680	3.670	1-12	Attached	2.834	2.462	.200
51826		Ingersoll-Rand Compressors	SHYD	7.827	3.698	1 1/4-12	Attached	2.729	2.415	.255
51828		Allis-Chalmers Crawler Tractors, Minneapolis-Moline	CHM	7.779	2.718	1.062	15246 15247 Packed	3.125 3.125 1.188	2.875 2.875 .615	.046 .125 .072
51829		Various Equipment using ZF Transmissions	SHYD	8.130	3.695	1-12	Attached	2.834	2.462	.125
51830		Allis-Chalmers Farm Tractors (Hydraulic)	SHYD	8.113	4.282	1 3/8-16	Attached	2.834	2.462	.200
51831		Allis Chalmers Farm Tractors (Hydraulic)	SHYD	6.987	3.663	1 3/8-16	Attached	2.834	2.462	.200
51832		Fiat-Allis Equipment, Hesston Tractors, Iveco Trucks	SLUBE	8.050	4.315	1-12	Attached	3.052	2.470	.205
51833		Isuzu Trucks	SLUBE	8.058	T-4.652 B-4.658	1 1/2-12	Attached	4.320	3.820	.365
51839		Escort & Lynx (84-87), Ford Ranger Diesel (83-84), Mazda Diesel Trucks (82-85)	SLUBE	3.790	3.660	20X1.5 MM	Attached	3.444	3.100	.260
51842		M-M, Oliver Tractors, Perkins, White (Sock Type)	CLS	7.875	3.625	1.312	15148 15151 Packed	4.562 4.375 4.3	3.984 4.125 3.926	.062 .125 .093
51843		M-M, Oliver, White Tractors	SLUBE	6.987	3.663	7/8-14	Attached	2.729	2.415	.255
51844		Komatsu Excavators	SLUBE	6.560	4.230	1 1/8-16	Attached	3.940	3.580	.250
51846		Pall Hydraulic Systems (7 Micron)	SHYD	11.257	5.007	1 1/2-16	Packed Packed	5.140 4.762	4.750 4.484	.185 .139
51847		Pall Hydraulic Systems (5 Micron)	SHYD	11.228	5.007	1 1/2-16	Packed (O-Ring) Packed	4.762 5.14	4.484 4.75	.139 .185
51849		Ag-Chem, Case/IHC, Ingersoll-Rand, Tigercat. (10 Micron)	SHYD	11.257	5.007	1 1/2-16	Packed Packed	4.762 5.140	4.484 4.750	.139 .185
51851		Massey Ferguson Tractors (Hydraulic)	CHM	5.062	3.735	T-CLOSED B-1.085	None			
51852		Clark Forklifts	CHM	12.375	4.375	1.875	15370	5.275	4.725	.275
51853		Case Tractors (2 elements per box)	CHM	7.125	4.543	2.282	None			
51855		John Deere 8450, 8650, 8850 Tractors	CHM	7.875	5.500	2.625	Attached	3.110	2.625	.562
51856		John Deere 690, 690A, 690B, 762, 844, 860B, Scrapers (Hydraulic)	CHM	7.173	4.498	1.740	None			
51857		Ford 445, 545, 555C Tractors (Hydraulic)	CLM	7.360	4.641	2.234	None			
51858		Various Hydraulic Applications	SHYD	7.088	4.644	1 1/4-11 BSP	Attached	4.320	3.820	.365
51859		Case Tractors, Toro - (2 elements per box)	SHYD	11.257	5.007	1 1/2-16	15387 15859 [®]	4.976 4.762	4.656 4.484	.187 .139
51860		Bandit, Case Tractors, Cross Hydraulics, Koehring, M-F, Timber Jack, Other (10 Micron)	SHYD	9.107	5.007	1 1/2-16	15415 15661 15658 [®]	5.14 5.03 5.055	4.75 4.44 4.48	.195 .19 .359
51861		Cross Hydraulics, Champion Motor Graders (25 Micron)	SHYD	9.107	5.007	1 1/2-16	15661 15415 15658 [®]	5.03 5.14 5.055	4.44 4.75 4.48	.19 .195 .359
51862		Various John Deere, Barber-Greene Paving Equip	CHM	9.783	4.500	T-CLOSED B-2.265	Packed	5.500	5.250	.130
51863		Case, Caterpillar, John Deere, New Holland	SHYD	11.630	4.770	1 3/8-12	Attached	2.762	2.484	.170
51864		Ford Wheel Tractors (25 Micron)	SHYD	9.107	4.999	1 1/2-16	15415	5.14	4.75	.195
51865		Ford Tractors (Hydraulic) (25 Micron)	SHYD	6.872	4.999	1 1/2-16	15415	5.14	4.75	.195
51866		John Deere Equipment (Hydraulic)	CHM	7.973	4.610	2.205	15318 [®]	5.5	5.25	.13
51867		John Deere Construction and Farm Equipment (Hydraulic)	CHM	7.972	4.610	2.195	15318 [®]	5.5	5.25	.13

TECHNICAL DATA

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filte; CLS=Cartridge Lube Sock Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter
[®] Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
51872		Nordberg, Sterling, White Industrial Engines (Sock Type)	CLS	15.750	3.750	T-1.112 B-.500	None			
51874		White, Winslow CP1874T (Sock Type)(Full Flow)	CLS	17.750	6.750	2.469	15160 ⁸	8.250	7.750	.250
51900		Cummins Bag Conversion	CLM	12.031	5.000	.688	15751 ⁸ 15207 ⁸ 15083 ⁸	6 6.025 5.937	5.4 5.475 5.562	.062 .275 .125
51954		Cummins Engines (62-78)	CLM	9.688	5.000	1.500	15271 ⁸ 15207 ⁸ 15751 ⁸ 15797 ⁸ 15402 ⁸ 15424 ⁸ 15083 ⁸	5.650 6.025 6.000 6.252 5.937	5.250 5.475 5.400 5.500 5.852 5.562	.200 .275 .062 .031 .200 .125
51970		Detroit Diesel, Cummins Engines - For High Efficiency Glass Media Type Use 51970XE - For Extended Drain Version Use 51970XD	SLUBE	9.794	4.661	1 1/2-12	Attached	4.320	3.800	.365
51970MP		Master Pack containing (6) 51970	MP	9.794	4.661	1 1/2-12	Attached	4.32	3.8	.365
51970XD		Extended Drain Version of 51970	SLUBE	9.79	4.661	1 1/2-12	Attached	4.320	3.820	.345
51970XE		Glass Media Version of 51970	SLUBE	10.20	4.661	1 1/2-12	Attached	4.320	3.820	.345
51971		Detroit Diesel Series 50 & 60 Diesel Eng. (2 per vehicle)	SLUBE	10.345	4.658	1 5/8-12	Attached	4.320	3.800	.365
51971EC		ecoLAST variation of 51971 - uses specific proprietary filtration media to sequester acids which extends oil life and extends filter drain interval - For over the road truck use only - Must be used with oil analysis to confirm drain interval - oil analysis kit part # is 24078ECD or 24078ECP (order separately) - see warranty that comes packaged with the product	SLUBE	10.345	4.658	1 5/8-12	Attached	4.32	3.8	.365
51971MP		Master Pack Version of 51971	MP	10.345	4.658	1 5/8-12	Attached	4.32	3.8	.365
51971XD		Extended Drain Version of 51971	SLUBE	10.345	4.658	1 5/8-12	Attached	4.320	3.820	.365
51986		Allis-Chalmers	CLM	7.782	4.311	1.455	15191	5.108	4.608	.062
57000		Yamaha 4-stroke Outboard Marine Engines, JLG, Deutz, Komatsu	SLUBE	3.160	3.050	3/4-16	Attached	2.75	2.49	.17
57001		Komatsu Equipment	CHM	3.960	4.390	2.430				
57002		Mazda 3, CX5 (12-13)	SLUBE	2.827	2.685	20X1.5 MM	Attached	2.464	2.257	.2
57003R		Racing Applications Only	SLUBE	6.210	4.600	1 1/2-12	Attached	4.320	3.820	.365
57004		New Holland Equipment	STRAN	5.491	3.030	20X1.5-6H MM	Attached	2.81	2.46	.21
57005		Volvo Excavators	CHM	9.000	2.369	T-CLOSED B-1.350	None			
57007R		Racing Applications Only	SLUBE	5.900	4.200	1 1/2-16	Attached	3.967	3.587	.340
57008R		In-Line Lube Filter Cartridge Element for Racing Applications - includes metal spring packed loose w/ element	CLM	4.030	1.969	T-CLOSED B-.795	None			
57009		Mercedes C230 L4 1.8L SC (03-05), C250, SLK250 L4 1.8L Turbo (12-13)	CLMF	6.181	1.822	.866	Packed (3)			
57010		Various Mercedes (07-13)	CLMF	4.909	2.874	T-.360 B-1.377	Packed	3.486	3.236	.125
57011		Allis-Chalmers, Case, Hercules, Hesston, Hyster, John Deere, Kolher, Wisconsin, Other (Male Rolled Threads)	SMRTH	4.858	3.540	T-.265 B-CLOSED	Packed	3.25	2.688	.156
57012		John Deere 1177, 1188 Combines	SLUBE	12.100	5.380	1 1/2-16	Attached	4.375	3.95	.21
57013		Ducati, Harley-Davidson Motorcycles - Chrome Finish	SLUBE	2.500	3.010	16X1.5 MM	Attached	2.750	2.390	.260
57014		Hino Marine Engines	SLUBE	5.374	3.690	1-16	Attached	2.810	2.460	.200
57015R		In-Line Racing filter (Lube)	CLM	6.421	2.390	T-CLOSED B-1.226	None			
57017		Various DAF Applications - Centrifugal Element	CLM	4.962	3.880	.553	Packed Packed	3.680 4.640	3.440 4.220	.120 .240
57021		Volvo (99-11)	CLMF	3.150	2.874	1.115	Packed	3.550	3.270	.140
57022		Detroit Series 55 Engines	SLUBE	12.080	5.380	45X1.5 MM	Attached	4.29	3.72	.2
57023		Kubota Tractors B7100D	SHYD	3.404	2.971	3/4-16	Attached	2.734	2.430	.226
57024		John Deere, Hitachi (Hydraulic)	CHM	5.900	2.060	T-CLOSED B-.830	None			
57026		Onan Engines	SLUBE	4.570	3.010	22X1.5 MM	Attached	2.825	2.425	.220
57027		IHC Equipment	SLUBE	4.338	3.660	1-12	15614	2.834	2.462	.255
57029		Various Kia, Hyundai (09-13)	CLMF	4.095	2.559	.830	Packed Packed (O-Ring) Packed (Washer)	3.228 .59 .795	2.952 .314 .562	.137 .137 .078

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filter; CLMF=Cartridge Lube Metal Free Filter; CLS=Cartridge Lube Sock Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter; SMRTH=Spin-On Male Rolled Thread Filter; STRAN=Spin-On Transmission Filter; MP=Master Pack

⁸ Housing gasket not packaged with filter - order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
57030		Kubota Tractors	CHM	3.915	2.530	T-.325 B-1.165	Packed (4)			
57031		2010 John Deere Crawler Tractor	CHM	5.520	3.470	T-CLOSED B-1.640	None			
57033		Cadillac Catera (99-01), Saturn L Series 3.0L (00-05)	CLMF	3.110	2.480	T-CLOSED B-1.100	Attached Packed	1.655 3.085	1.100 2.825	.060 .130
57034		Caterpillar 311, 312, 320 Excavators	SLUBE	8.750	4.370	32X1.5 MM	Attached	4.030	3.545	.350
57035		Various Lawn + Garden Equipment w/Briggs & Stratton & Kawasaki Engines	SLUBE	2.305	2.923	¾-16	Attached	2.734	2.430	.226
57036		Detroit Diesel 2000 Series, Marine 4000 Series	SLUBE	12.200	5.405	1 ½-16	Attached	4.280	3.900	.180
57037		Agco, Case, Cummins Engines, DAF Trucks, Iveco Trucks, Kenworth Trucks, New Holland	SLUBE	6.811	3.681	27X2.0 MM	Attached	2.756	2.441	.210
57038		Mercedes MBE600 (2.7L) Turbo Diesel For Freightliner, Dodge Sprinter Vans	CLMF	4.527	2.499	1.220	Packed(3)			
57039		Sullair SK Model Air Compressors	SHYD	5.585	3.700	1-12	Attached	2.745	2.44	.24
57040		Smart fortwo 1.0L Gas Engine (08-13)	SLUBE	2.075	2.815	20X1.5 MM	Attached	2.514	2.257	.2
57041		Lexus, Toyota Trucks, SUV models (07-13)	CLMF	4.389	2.755	1.100	Packed (O-ring) Packed (O-ring)	3.45 1.36	3.19 1.1	.13 .13
57043		Various John Deere Equipment	SHYD	9.192	3.819	72X2 MM	Attached	3.813	3.105	.568
57044		Various John Deere Equipment	SHYD	8.918	4.680	90X2 MM	Attached	4.66	3.969	.574
57045		Various Dodge, Jeep, Mitsubishi w/ 3.7L Engines (09-12), Various GM (11-13)	SLUBE	4.828	2.939	22X1.5 MM	Attached	2.741	2.458	.238
57046		Chev Epica (04-07), Suzuki Verona (04-06)	SLUBE	3.575	3.065	20X1.5 MM	Attached	2.8	2.47	.22
57047		Various Toyota, Lexus (05-13)	CLMF	2.635	2.755	1.080	Packed Packed	3.41 1.37	3.15 1.11	.13 .13
57049		Mercedes SLK 55 AMG (07-11)	CLMF	4.055	2.499	1.240	Packed (4)			
57050		Hyundai, Kia (10-13)	CLMF	4.803		T-2.559 B-2.815	Packed Packed	2.131 3.225	.551 2.933	.079 .146
57051		IHC DT466E, DT570, HT570 Engines (05-on)	SLUBE	10.501	4.650	92X2.0 MM	Attached	4.68	4	.21
57052		Tigercat Equipment - has water absorbing media - absorbs 24oz of water - 10 Micron	SHYD	10.660	5.040	1 ½-16	Packed (L-Shape) Packed	5.043 5	4.446 4.66	.303 .17
57055		Subaru (2013)	SLUBE	3.400	2.57	20X1.5 MM	Attached	2.475	2.173	.188
57058		Zinga Hydraulics	SHYD	7.000	5.050	1 ¼-11 BSP	Attached	4.32	3.81	.365
57059		Various Mercedes (11-13)	CLMF	6.555	2.559	T-.875 B-.964	Packed (O-Ring)	3.111	2.811	.15
57060		Various Buick, Chevrolet, GM, Hummer, Saturn, Saab, Dodge, Chrysler, Jeep (07-13)	SLUBE	3.450	2.921	22X1.5 MM	Attached	2.758	2.42	.27
57060MP		Master pack version of 57060	SLUBE	3.430	2.970	22X1.5 MM	Attached	2.75	2.41	.27
57061		Various Hyundai, Kia (06-10)	CLMF	5.157	2.893	1.677	Packed Packed	.525 3.62	.25 3.35	.135 .135
57062		Jeep Grand Cherokee (07-09), Dodge Sprinter Van, Mercedes w/ V6 3.0L Common Rail Diesel (07-13)	CLMF	3.740	2.814	1.220	Packed (2)			
57063		Dodge Viper SRT-10 V10 8.4L (08-13)	SLUBE	3.831	3.681	22X1.5 MM	Attached	2.844	2.471	.195
57064		Various Scion, Toyota, Lexus (08-13), Pontiac Vibe (09-10)	CLMF	2.224	2.362	1.094	Packed	3.012	2.734	.139
57066		Atlas-Copco, Other	SLUBE	8.108	3.710	20X1.5 MM	Attached	2.81	2.46	.21
57070		Porsche Boxster and Cayman (10-13)	CLMF	5.531	2.559	1.240	None			
57071		IHC Scout w/ 3.2L Diesel (76-80), Nissan Forklifts	CLM	6.375	3.940	T-.591 B-1.639	Packed Packed Packed (Washer)	4.692 1.337 .897	4.253 .529 .56	.104 .117 .059
57075		Case, New Holland Tractors	SLUBE	4.490	4.310	¾-16	Attached	2.77	2.4	.22
57076		John Deere Equipment	SLUBE	5.424	3.690	24X1.5 MM	Attached	2.83	2.44	.2
57077		Mercedes Smart Car, 3 cyl. Diesel (04-07) (Canada only)	CLMF	2.157	2.059	T-.874 B-.866	None			
57078		Chrysler Crossfire SRT-6 (05-07), Various Mercedes (05-13), Sprinter Vans (07-09)	CLMF	4.555	2.500	1.220	Packed (4)			
57079		Cadillac CTS w/ 3.2L (03-04)	CLMF	4.425	2.045	T-CLOSED B-.780	Packed Packed	2.560 .630	2.290 .450	.135 .090
57080		Hino Trucks, Buses, Engines; Hitachi Excavators; Kobelco Wheel Loaders	SLUBE	7.830	4.646	1 ½-16	Attached	4.330	3.875	.350
57081		CAT, Kato, Kobelco, Mitsubishi	CLM	7.618	4.331	T-.748 B-1.300	Packed (2)			

TECHNICAL DATA

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filter; CLMF=Cartridge Lube Metal Free Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
57082		Various GM, Saturn (01-13), Saab (03-12)	CLMF	3.504	2.677	T-.394 B-1.377	Packed	2.913	2.677	.118
57083		Audi, VW (02-13), Hitachi, Linde	CLMF	5.580	2.800	T-CLOSED B-1.135	Packed	3.173	2.929	.122
57084		Various Cat Equipment	SHYD	11.585	4.820	1 3/4-12	Attached	3.387	3.109	.220
57085		Deutz Engines, Linde, Toyota, Volvo, Other Equipment	SLUBE	3.500	3.100	3/4-16	Attached	2.820	2.490	.210
57086		Various Pall, Hycon Hydraulic Applications	CHM	16.700	5.970	T-CLOSED B-4.140	None			
57087		Volvo Construction Equipment	CHM	15.350	4.960	T-.410 B-3.620	None			
57088		Case Tractors, Ford, Kubota, New Holland	STRAN	4.020	3.360	3/4-16	Attached	2.52	2.26	.11
57089		Various Kubota Tractors	SHYD	4.801	3.010	20X1.5 MM	Attached	2.43	2.2	.14
57090		Various GM (99-13), Saab (06-12)	CLM	3.858	2.087	.768	Packed (O-Ring)	2.631	2.425	.103
57091		John Deere Loaders + Dozers	SHYD	11.750	4.800	1 1/2-16	Attached	4.175	3.775	.200
57092		Chrysler Sebring (01-05), Dodge Stratus (01-05), Mitsubishi (99-13)	SLUBE	2.944	3.243	20X1.5 MM	Attached	2.475	2.173	.233
57093		Pall Hydraulics (6 micron - viton gaskets)	CHM	8.250	T-3.125 B-3.100	T-CLOSED B-1.670	None			
57094		Nissan, Komatsu Forklifts	SLUBE	2.802	3.234	3/4-16	Attached	2.475	2.173	.233
57095		Kawasaki Loaders	SHYD	9.440	3.810	1 3/8-12	Attached	2.735	2.490	.135
57096		Cellulose Media Version of 51096	CHM	6.991	4.530	1.813	Packed (4)			
57097		Lull 644 High Lift	CLM	7.480	4.173	T-.354 B-2.835	None			
57098		Case, Kubota, Ford/New Holland Tractors	SHYD	7.021	3.731	1 1/8-16	Attached	3.444	3.100	.235
57099		Chev/GMC Trks + Vans w/ 7.4L, 8.1L (99-07)	SLUBE	3.306	3.660	13/16-16	Attached	3.444	3.100	.260
57100		Hitachi, Hyundai, Bobcat, Case, Volvo, Samsung, Other	CHM	3.445	1.673	T-CLOSED B-.905	None			
57101		Saturn Transmissions (91-02)	STRAN	3.610	2.970	3/4-20	Attached	2.755	2.410	.415
57102		John Deere Mowers	SHYD	3.790	3.660	3/4-16	Attached	2.729	2.415	.200
57103		John Deere Lawn Tractors	SHYD	3.812	3.663	1-14	Attached	2.834	2.462	.255
57104		Clark Equipment	SHYD	3.930	3.820	7/8-14	Attached	2.730	2.525	.170
57105		Caterpillar Excavators	CHM	3.090	2.060	T-CLOSED B-.830	Packed	2.800	2.550	.350
57106		Caterpillar Forklifts, Skidsteers, Mitsubishi, Terex, Other	SLUBE	3.828	4.234	1-12	Attached	3.967	3.587	.340
57108		Caterpillar, Hitachi, Komatsu, Other	CHM	17.750	5.910	4.330	Packed	7.875	7.475	.2
57109		Cartridge Hydraulic for Parker Systems	CHM	18.430	3.680	1.750	None			
57110		Various Massey Ferguson Tractors	SHYD	5.218	3.683	1 1/8-16	Attached	2.729	2.415	.255
57111		In-Line Hydraulic for Toyota, Hyster Forklifts - Has 1" Inlet and Outlet	CHM	7.690	T-4.390 B-4.000	1.070	None			
57112		Nissan 1300 & 1400 UD Trucks	CLM	9.630	5.120	.580	None			
57113		Hitachi Excavators	CLM	7.736	6.496	T-CLOSED B-.630	Packed (4)			
57114		Various Kubota Tractors	SHYD	7.350	3.665	1-12	Attached	2.834	2.462	.255
57115		AG Chem Hydraulic System	SHYD	9.520	3.130	2-12	None			
57116		Caterpillar, Ford, New Holland Loaders	SHYD	4.870	3.030	13/16-16	Attached	2.810	2.480	.190
57117		Mack, Renault Trucks - Centrifugal Element	CLM	4.962	3.880	T-.396 B-.494	Packed Packed	4.286 4.142	4.058 3.760	.114 .240
57118		Case Tractors, Cub Cadet	SHYD	7.021	3.731	1 1/8-16	Attached	3.444	3.100	.235
57119		Caterpillar Equipment	SHYD	9.520	3.130	2-12	None			
57120		Parker Hydraulic Systems	CHM	4.500	1.750	T-CLOSED B-1.010	None			
57121		Parker Hydraulic Systems, Volvo, JLG Equipment	CHM	4.450	1.750	T-CLOSED B-1.010	None			
57122		Parker Hydraulic Systems	CHM	4.450	1.750	T-CLOSED B-1.010	None			
57123		Voight Transmission	STRAN	8.287	3.681	1-12	Attached	2.755	2.480	.240
57124		Parker Hydraulic Systems	CHM	9.000	3.680	1.750	None			
57125		Parker Hydraulic Systems, Grove Cranes	CHM	9.630	2.440	T-CLOSED B-1.020	None			
57126		Parker Hydraulics	CHM	9.120	3.680	1.750	Attached (2)			

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filter; CLMF=Cartridge Lube Metal Free Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter; STRAN=Spin-On Transmission Filter

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
57127		Parker Hydraulics	CHM	18.780	3.680	T-CLOSED B-1.740	Attached	2.480	1.820	.045
57128		Fits Grove Cranes	CHM	13.062	4.390	T-.750 B-2.440	Attached	3.270	2.435	.050
57129		Cat, Clark, Genie, Gehl Equipment	SHYD	5.970	3.820	2-16	Attached	2.725	2.470	.120
57130		Ford Model 8670, 8770 Tractor	SHYD	7.600	4.770	1 3/4-12	Attached	3.340	3.100	.310
57131		DAF, Iveco, IHC, Mercedes, Volvo Trucks	CHM	3.957	2.362	.709	None			
57132		Caterpillar Crawler Models D6H, D6HXL Series II, D6HLGP Series II	SHYD	7.600	4.770	1 3/4-12	Attached	3.39	3.11	.125
57133		Ford, IHC Trucks, Grove Cranes	PSCF	4.206	4.000	T-CLOSED B-2.420	None			
57134		Thermo-King	SLUBE	5.434	3.694	3/4-20	Attached	2.834	2.462	.200
57135		Cummins QSV81, QSV91 Engines	CLM	15.610	7.637	4.665	None			
57136		Cummins 6B Series Diesel Engine - Remote mount spin-on	SLUBE	7.008	3.668	1-16	Attached	2.834	2.462	.21
57137		John Deere Equipment	SLUBE	7.187	5.076	1 5/8-12	Packed	5.14	4.75	.195
57138		Various Ingersoll-Rand Compressors	SHYD	11.316	4.668	1 3/4-12	Attached	3.435	2.935	.365
57139		Cummins QSK45, QSK50, QSK60 Engines	SLUBE	11.859	4.680	90X2.0 MM	Attached	4.68	4	.2
57140		Mercedes MBE 906 Diesel Engine - Centrifuge Filter	CLMF	5.800	3.830		Packed	4.647	4.359	.139
57141		Bobcat Equipment	SLUBE	2.910	2.675	20X1.5 MM	Attached	2.43	2.185	.17
57142		John Deere Graders	CHM	9.522	2.871	T-CLOSED B-1.480	None			
57143		Chevrolet Volt (11-13)	SLUBE	3.108	3.066	18X1.5 -6H	Attached	2.834	2.44	.207
57145		GM (99-05), Toyota, Lexus, Scion (88-13), Various Ford-New Holland Tractors, Suzuki (96-10), Suzuki Marine Engines, Cub Cadet lawn tractors	SLUBE	3.402	2.685	3/4-16	Attached	2.475	2.173	.233
57148		Harley Davidson Motorcycles - Black Spin-on - Has glass media - (Chrome version is 57348)	SLUBE	3.404	2.921	3/4-16	Attached	2.73	2.4	.275
57151		Ford F-Series Super Duty PU w/ 6.7L diesel (11-13)	SLUBE	6.932	3.690	1-16	Attached	2.81	2.466	.324
57157		Various Parker and Pall Applications	CHM	9.250	3.190	1.630	None			
57158		Komatsu, Hitachi, John Deere, Samsung, Volvo Equipment	CHM	17.750	7.010	4.320	None			
57159		Saab-Scania Trucks, JCB	SHYD	4.300	3.800	23X1.5 MM	Attached	2.803	2.45	.236
57160		MAN Trucks & Buses	SLUBE	6.771	4.350	30X2.0 MM	Attached	4.031	3.661	.21
57161		Audi Q7, VW Touareg II w/ 3.0L Diesel (09-12)	CLMF	7.875	T-2.964 B-2.804	1.118	Packed	3.477	3.227	.125
57162		VW Touareg w/ 5.0L Diesel (04-09)	CLMF	5.551	3.602	T-1.260 B-1.330	Packed	4.075	3.775	.15
57163		Replacement element for Donaldson HMK05/25 Hyd Assembly - Caterpillar Equipment	SHYD	14.240	4.700	1 3/4-12	Attached	3.34	3.11	.14
57166		Massey-Ferguson Tractors	SHYD	8.590	5.380	1 5/8-12				
57170		Volkswagen (92-96)	CLM	4.146	3.308	T-.906 B-.715	Packed	3.895	3.565	.165
57171		BMW (02-08)	CLMF	4.035	2.874	T-.365 B-1.362	None			
57172		Audi A6 & S6 w/ V8 4.2L (00-04)	SLUBE	7.400	3.085	24X2.0 MM	Attached	2.82	2.47	.2
57173		Various Lexus, Toyota (06-13)	CLMF	3.235	2.700	1.100	Packed Packed	3.437 1.375	3.312 1.25	.13 .1
57174		Mitsubishi S6RPT, S6RPTA Engines	SLUBE	10.420	4.280	1 1/2-12	Attached	3.99	3.545	.39
57175		Various BMW (06-09)	CLMF	4.100	2.880	T-.560 B-1.285	None			
57180		Schroeder Hydraulic	CHM	18.500	3.950	1.568	None			
57181		Case, Toyota, Komatsu, Cummins, Other	SLUBE	3.529	2.996	3/4-16	Attached	2.740	2.370	.275
57182		Apache, Case, Cummins B Series Engines, Freightliner, Komatsu, Other	SLUBE	6.940	3.670	1 1/8-16	Attached	2.829	2.459	.235
57182MP		Master Pack Version of 57182	SLUBE	6.940	3.670	1 1/8-16	Attached	2.829	2.459	.235
57183		Pall Hydraulics (3 micron - viton gaskets)	CHM	8.190	T-3.120 B-3.110	T-CLOSED B-1.670	None			
57184		Cat Equipment	SHYD	5.520	3.130	2-12	None			
57185		Deutz Engines	CLM	7.090	7.610	4.670	None			
57186		Various Volvo (04-13)	CLMF	4.921	2.519	1.220	None			
57187		Various Audi, VW (05-13)	CLMF	4.940	2.525	1.210	Packed	3.15	2.9	.125

TECHNICAL DATA

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filter; CLMF=Cartridge Lube Metal Free Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
57189		Various BMW Models (08-13)	CLMF	4.330	2.960	1.127	Packed (O-Ring) Packed (O-Ring) Packed	3.537 .617 .857	3.277 .427 .719	.13 .095 .05
57190		Hino Trucks w/ Hino J08E Engine, Nissan UD Trucks	SLUBE	8.118	4.650	1 1/2-16	Attached	4.33	4.06	.38
57191		IHC, Freightliner Trucks, Champion buses	SPSTR	3.510	2.660	3/4-16	Attached	2.48	2.19	.21
57194		Caterpillar - synthetic media version of 51194 - for applications that use multiple, stacked elements, order gasket part # 15009 separately	CHM	11.000	5.094	3.375	15169 ⁸ 15009 ³⁹⁵	6.02 4.796	5.6 4.156	.21 .062
57195		Caterpillar Equipment - High Efficiency version (For standard version, use 51195 - For flame retardant version, use 57722)	CHM	8.968	6.812	3.930	None			
57196		Freightliner Trucks - Power Steering	CLM	5.070	3.990	T-1.100 B-1.310	None			
57197		Various CAT Motor Graders (Inside-out Flow)	CLM	11.060	5.130	3.340	None			
57198		Various Mercedes (05-13)	CLMF	5.314	2.499	1.220	Packed (4)			
57200		Pall, Vicker Hydraulics (3 Micron)	SHYD	6.670	5.080	1 1/2-16	Packed Packed	5.036 4.98	4.71 4.42	.188 .185
57201		John Deere Equipment	SLUBE	5.960	3.700	24X1.5 MM	Attached	2.810	2.460	.210
57202		Chev-GMC Vehicles w/ 6.6L Duramax Diesel (01-13)	SLUBE	5.216	3.690	13/16-16	Attached	3.550	3.160	.180
57202MP		Master Pack version of 57202 - 12 per carton	SLUBE	5.216	3.690	13/16-16	Attached	3.55	3.16	.18
57203		Various Ford, Mercury (03-12), Mazda (03-12)	CLMF	2.940	2.461	1.170	Packed Packed	.625 3.4	.425 3.1	.1 .15
57204		Audi, VW (05-13), Porsche Cayenne (11-13)	CLMF	6.102	2.559	1.244	None			
57207		Various Renault Trucks - Lombardini Engines, Arctic Cat	SLUBE	2.418	3.071	20X1.5 MM	Attached	2.734	2.43	.226
57208		Clark, Davey, Hercules, Hough, Huber-Warco, Minneapolis Moline, Waukesha	CLM	6.880	3.150	.830	Packed	3.783	3.546	.062
57210		Volkswagen (98-06) w/ 1.9L, 2.0L Diesel	CLMF	6.083	2.559	.950	Packed (2)			
57211		Porsche (97-12)	CLMF	4.439	2.559	.950	Packed	3.040	2.755	.290
57212		Hyster Forklift H190XL, 280XL	CHM	18.900	4.000	T-1.250 B-1.555	None			
57213		Mercedes MBE4000 Engines - Various Class 8 Trks	CLMF	10.500	4.755	T-.550 B-2.200	Packed (2)			
57214		Mercedes MBE904, OM904LA Engines, Ford, IHC Cab-Forward Trucks	CLMF	5.945	3.280	T-.370 B-1.530	Packed (4)			
57215		Mercedes MBE900 & MBE906, OM457 Engines, Volvo	CLMF	8.375	3.270	T-.365 B-1.535	Attached	3.875	3.565	.155
57216		Zinga Hydraulics	SHYD	3.450	2.921	3/4-16	Attached	2.736	2.43	.226
57220		Case Loaders, Komatsu	SHYD	5.970	3.710	13/16-16	Attached	2.715	2.550	.135
57221		Various John Deere Tractors	SHYD	6.340	3.750	1 3/8-12	Attached	2.762	2.484	.278
57225		Various Scania Trucks + Buses	CHM	4.194	3.450	T-CLOSED B-.750	None			
57227		Various New Holland, Hyster, Terex	SHYD	7.210	3.750	2-16	Attached	2.745	2.49	.13
57230		Heil, Schroeder Hydraulics	CHM	19.880	T-4.450 B-4.890	T-CLOSED B-2.830	Packed (O-Ring) Packed (O-Ring)	4.625 5.375	4.375 5.125	.125 .125
57231		Various Heil Equipment	CHM	18.300	4.170	T-.410 B-2.520	None			
57233		JCB 444 (4.4L) diesel engine, various JCB equipment	SLUBE	6.625	3.790	22X1.5 MM	Attached	3.5	3.11	.25
57239		Daewoo, Doosan Equipment (contains anti-drain back valve - 51649 same filter w/o ADBV)	SLUBE	8.100	4.660	1 1/2-12	Attached	4.33	3.85	.22
57240		Daewoo, Doosan (has anti-drain back valve) - same as 51671 w/ ADBV	SLUBE	9.775	4.700	1 1/2-12	Attached	2.825	2.445	.19
57241		Land Rover Freelander 2.5L (02-05)	SLUBE	4.200	T-3.085 B-2.950	13/16-16	Attached	2.860	2.455	.205
57242		Various Komatsu Excavators	CHM	8.300	3.940	2.340	None			
57243		John Deere Equipment	SLUBE	5.360	3.778	1 1/2-16	Packed	3.770	3.179	.350
57243MP		Master Pack version of 57243	SLUBE	5.360	3.778	1 1/2-16	Packed	3.77	3.179	.35
57244		Caterpillar Excavators, Loaders	CHM	16.750	5.590	3.840	None			
57245		Various Komatsu Excavators	CHM	11.520	5.130	3.360	None			
57246		Various John Deere Tractors	SHYD	6.292	4.650	1 1/2-16	Attached	4.3	3.83	.34
57247		Volvo Heavy Duty Applications	SHYD	9.490	3.810	1 3/8-12	Attached	2.735	2.5	.135
57248		National Model 5C Portable Drill w/Detroit Diesel 60 Series Engine	CTF	13.000	3.100	T-CLOSED B-1.665	None			

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filter; CLMF=Cartridge Lube Metal Free Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter; SPSTR=Spin-On Power Steering Filter

⁸ Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
57249		Hitachi Excavators, Kobelco Excavators	SLUBE	7.634	4.250	20X1.5 MM	Attached	4.24	3.7	.23
57250		Various Hyundai (07-13), Kia (09-12)	CLMF	4.192	2.559	1.000	Packed Packed (O-Ring) Packed (Washer)	3.14 .6 .8	2.89 .34 .565	.125 .13 .08
57251		Various John Deere, Liebherr Equipment	SLUBE	8.131	3.690	1-12	Attached	2.835	2.435	.2
57252		Case Windrowers	SHYD	5.830	3.670	1-12	Attached	2.79	2.48	.21
57253		Blaw Knox Paving Equipment	SLUBE	3.490	3.050	3/4-16	Attached	2.84	2.47	.19
57254		Yanmar Marine, Toyota Diesel Engines	SLUBE	4.720	4.090	24X1.5 MM	Attached	3.13	2.82	.18
57255		Hatz Supra Diesel Engines	CLM	2.520	T-1.630 B-1.660	T-CLOSED B-.520	None			
57256		ERF Trucks, Hyster, Perkins	SLUBE	6.590	4.236	30X1.5-6H	Attached	3.935	3.565	.21
57259		John Deere Equipment, Hitachi, Mac-Don	SLUBE	7.875	4.700	1 1/2-12	Attached	4.35	3.85	.345
57260		Scion iQ (12-13)	CLMF	2.224	2.440	1.141	Packed (O-Ring) Packed (O-Ring)	2.983 1.361	2.711 1.095	.136 .133
57262		VW (2012)	CLMF	3.956	2.559	T-.798 B-.891	Packed (O-Ring) Packed (O-Ring) Packed (O-Ring)	3.121 .8 .634	2.847 .56 .398	.137 .12 .118
57265		EMD, Fairbanks Industrial Engines (this is the high capacity version of 51265)	CLM	30.000	6.400	T-CLOSED B-1.455	None			
57269		Massey-Ferguson, Agco Tractors	SLUBE	7.000	5.380	1 1/2-16	Attached	4.29	3.72	.28
57275		Donaldson HMK05, HMK25 Industrial Hydraulics - has water-absorbing media	SHYD	11.630	4.700	1 3/4-12	Attached	3.34	3.11	.14
57279		Jaguar, Land Rover (10-13)	CLMF	5.846	T-2.790 B-2.952	T-.766 B-.976	Packed (O-Ring)	3.543	3.269	.137
57281		John Deere Tractors	STRAN	9.660	3.820	1 1/4-12	Attached	3.61	3.11	.18
57282		Daewoo Forklifts	STRAN	4.473	3.710	13/16-16	Attached	2.81	2.46	.21
57287		CAT M312, M315, M318 Excavators	CHM	23.620	4.650	2.340	None			
57290		Case, Dodge Trucks (57-61), Massey-Ferguson (replaces 51090)	CLM	6.040	3.950	.860	Packed	4.72	4.33	.08
57291		IHC Maxxforce 11 & Maxxforce 13 Engines	CLMF	8.011	4.763	T-.562 B-2.244	Packed	5.303	4.973	.165
57292		Various BMW (12-13)	CLMF	3.083	T-2.874 B-3.189	T-1.654 B-1.378	Packed (O-Ring)	3.569	3.169	.2
57293		Various Pall Housings	CHM	37.875	6.000	T-CLOSED B-4.100	None			
57294		Pall Industrial Housings	CHMF	36.375	6.000	T-3.740 B-3.765	None			
57295		Pall Industrial Housings	CHMF	36.375	6.000	T-3.740 B-3.765	None			
57296		Industrial Hydraulic Applications	CHM	16.930	3.070	T-CLOSED B-1.690	None			
57299		Case, New Holland, Iveco EuroTech Trk w/ Cursor Engine	SLUBE	9.124	4.250	30X2.0 MM	Attached	3.968	3.593	.25
57300		Various Ford + New Holland Tractors	SOPS	7.827	3.689	1 1/8-16	Attached	2.834	2.462	.275
57301		Jaguar (02-09)	SLUBE	4.842	3.149	3/4-16	Attached	2.770	2.395	.265
57302		Ford Thunderbird (03-05), Lincoln LS (02-06), Land Rover (05-09), Jaguar (06-10)	SLUBE	4.225	3.095	1-12	Attached	2.840	2.480	.210
57303		Mini Cooper (02-08)	CLMF	3.189	2.835	T-.866 B-1.260	Packed	3.355	3.085	.135
57306		IHC Trucks w/ Maxx-Force 14 Engine	CLMF	7.618	4.764	T-2.067 B-1.768	Packed (O-Ring) Packed (O-Ring)	5.172 1.557	4.862 1.277	.155 .14
57307		John Deere Equipment	SLUBE	13.890	4.690	52X1.5 MM	None			
57309		Prentice, Blount Forestry Equipment	CHM	18.475	3.930	1.845	None			
57310		Lexus IS-F (08-12)	CLMF	4.389	2.755	1.102	Packed (O-Ring)	3.466	3.206	.13
57311		Ford F-Series Super Duty w/ 6.0L diesel (03-04), IHC trucks, buses - no attached lid - only to be used with oil filter housings that contain the short, non-spring loaded post (if the post is a longer and spring-loaded, use either 57312 for truck models or 57323 for vans)	CLMF	7.032	3.265	T-CLOSED B-1.500	None			
57312		Ford Trucks w/ 6.0L Diesel Engine (03-07), 6.4L Diesel (08-10), IHC VT365 Diesel Engine, IHC School Buses Has lid attached to filter	CLMF	8.203	T-4.144 B-3.270	T-CLOSED B-1.550	None			
57312MP		Master Pack version of 57312 - Has lid attached	CLMF	8.203	T-4.144 B-3.270	T-CLOSED B-1.550	None			

TECHNICAL DATA

* CHM=Cartridge Hydraulic Metal Canister; CHMF=Cartridge Hydraulic Metal Free Filt; CLM=Cartridge Lube Metal Canister Filt; CLMF=Cartridge Lube Metal Free Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter; STRAN=Spin-On Transmission Filter
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
57315		Schroeder Hydraulics	CHM	9.540	2.880	T-CLOSED B-1.070	None			
57316		Various Schroeder Housings	CHM	9.500	2.880	T-CLOSED B-1.050	None			
57317		Blue Bird, Gillig	CHM	5.120	4.000	T-1.380 B-1.130	None			
57318		Barko 275 Loader	CLM	9.290	3.660	1.730	None			
57319		Schroeder KK Series Applications	CHM	16.880	3.400	T-CLOSED B-1.950	None			
57320		Hino Trucks	CLM	6.775	T-4.133 B-4.055	T-.590 B-1.929	Packed (O-Ring) Packed (O-Ring) Packed	4.935 .84 1.255	4.705 .605 .65	.115 .105 .04
57323		Ford E-Series Vans w/ 6.0L Diesel Engine (03-10), Has lid attached to filter	CLMF	8.153	T-4.144 B-3.275	T-CLOSED B-1.550	None			
57323MP		Master Pack version of 57323 - Has lid attached	CLMF	8.153	T-4.144 B-3.270	T-CLOSED B-1.550	None			
57324		JCB Excavators, Backhoes	SLUBE	8.100	4.650	1 1/2-12	Attached	4.431	3.846	.322
57325		Cat Equipment w/ 6.6L Engine	SLUBE	8.125	3.790	24X1.5 MM 6-	Attached	2.87	2.465	.215
57327		Various BMW models (06-13) - with heat exchanger	CLMF	3.110	2.893	1.614	Packed (O-Ring) Packed (O-Ring) Packed (O-Ring)	3.426 .61 .458	3.151 .492 .276	.138 .059 .091
57328		Mercedes E320 w/ Diesel (04-06)	CLMF	5.325	2.500	1.215	Packed (3)			
57329		Various Audi, VW (04-09)	CLMF	5.685	2.880	T-.360 B-1.330	Packed	3.54	3.26	.14
57330		Various Audi (07-12), VW Touareg (08-09)	CLMF	5.061	2.696	T-1.020 B-.770	Packed	3.13	2.87	.13
57331		Cat Equipment	CHM	9.000	6.875	3.900	None			
57333		Various Ingersoll Compressors	SLUBE	5.262	3.691	27X2.0MM-6H	Attached	2.729	2.415	.255
57334		Cummins A1400 (1.4L), A1700 (1.7L), A2000 (2.0L), A2300 (2.3L) engines	SLUBE	3.451	3.040	20X1.5 MM	Attached	2.48	2.19	.22
57339		Liebherr, John Deere, Bomag, Claas, Deutz Engines, Other	SHYD	7.000	3.670	1-12	Attached	2.795	2.441	.2
57341		Fiat 500 (12-13), Dodge Dart (13)	CLMF	3.267	2.551	.960	Packed (O-Ring)	3.175	2.869	.153
57342		Koehring, JLG Equipment	CHM	8.240	3.680	1.600				
57348		Harley Davidson Motorcycles - Chrome Version of 57148	SLUBE	3.404	2.921	3/4-16	Attached	2.734	2.43	.226
57349		Harley Davidson VRSC V-Rods, Night-Rods bikes (01-on)	SLUBE	3.404	2.921	13/16-16	Attached	2.755	2.4	.26
57350		Kubota, Samsung, Kolbelco, Takeuchi Equipment	SHYD	5.668	3.690	1 1/8-16	Attached	2.81	2.46	.135
57356		New Holland Tractors, Acura, Honda (01-13), Hyundai (07-09), Mazda (10-11), Infiniti, Nissan (96-13), Yamaha Motorcycles, Mercruiser	SLUBE	3.402	2.685	20X1.5 MM	Attached	2.475	2.173	.233
57360		John Deere JD24A, JD24AD, JD125 w/Diesel	CLM	5.496	2.718	1.315	Packed(4)			
57361		Various Caterpillar Applications, Liebherr	CHM	3.715	1.370	T-CLOSED B-.460	None			
57362		Pall Hydraulic Systems	CHM	12.940	3.180	T-CLOSED B-1.700	None			
57363		Pall Hydraulics	CHM	12.700	1.950	T-CLOSED B-.955	None			
57364		Parker Hydraulics	CHM	9.650	2.360	T-CLOSED B-1.420	None			
57366		Caterpillar	CLM	4.190	3.470	T-.550 B-.800	Packed	4.683	3.956	.07
57370		DAF Trucks w/ MX Series Diesel Engines	CLMF	8.625	4.426	2.174	Packed (O-Ring)	5	4.66	.17
57371		Encore, Hustler, Walker Mowers, Honda, Kolher, Kawasaki small engines	SLUBE	3.365	2.940	3/4-16	Attached	2.736	2.43	.226
57374		Volvo Loaders	SLUBE	5.367	3.690	1-12	Attached	2.764	2.437	.2
57375		Clark, Waukesha Engines	CLM	7.840	4.990	.687	Packed Packed	6.031 6.03	5.531 5.687	.062 .062
57382		Thermo-King Refrigeration Units	SLUBE	7.060	3.690	1 1/8 -12	Attached	2.79	2.465	.2
57388		Raba D10 Diesel - By-Pass Filter	SLUBE	6.984	5.050	16X1.5 MM	Packed	5.14	4.74	.21
57389		John Deere Dump Trucks	CHM	18.897	4.960	T-.405 B-3.622	None			
57397		Various Caterpillar Articulated Trucks	SHYD	9.500	3.140	2-12	None			
57398		Various Onan Applications	SLUBE	4.402	2.685	3/4-16	Attached	2.450	2.150	.210

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filter; CLMF=Cartridge Lube Metal Free Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
57399		Various Case/ International Applications	SHYD	7.875	5.045	1 1/2-16	Packed Packed	5.041 4.761	4.697 4.483	.190 .139
57400		Hino Equipment	SLUBE	6.044	4.213	26X1.5 MM	Attached	2.825	2.635	.210
57401		Allison Transmissions w/Remote Mounted Filters	STRAN	5.820	3.680	1 1/2-16	Attached	3.475	3.000	.215
57403		Massey Ferguson Tractors	SHYD	8.100	4.660	1 1/4-12	Attached	4.330	3.850	.250
57404		John Deere, New Holland Loaders	SHYD	7.880	3.820	1 3/8-12	Attached	2.715	2.465	.210
57405		Voith Transmissions Used in Transit Buses Voith A9T545 Transmission	STRAN	7.000	5.500	1 1/2-16	Attached Attached	4.299 4.360	3.929 3.955	.240 .210
57406		Isuzu Engines	SLUBE	6.530	4.270	20X1.5 MM	Attached	3.940	3.585	.220
57407		Allison Transmissions	CTF	8.215	3.256	T-CLOSED B-1.505	None			
57408		Various Equipment	SHYD	6.900	5.100	1 1/2-16	Packed	5.050	4.670	.190
57409		Mercedes Benz Heavy Truck Applications	CLM	7.598	4.724	T-.600 B-2.598	Packed Packed Packed Packed	5.64 1.25 .73 .7	5.324 1.04 .71 .56	.158 .088 .056 .056
57410		Hitachi, Hyster, JCB, Massey-Ferguson, Samsung	SHYD	7.223	3.700	2-16	Attached	2.820	2.445	.210
57411		Case, Caterpillar, Furukawa, Isuzu, JCB, Kobelco, Linkbelt, Massey Ferguson, Sakai	SLUBE	5.927	4.285	1-12	Attached	3.967	3.587	.340
57412		Daewoo Lift Truck	SHYD	6.477	3.663	1 1/8-16	Attached	2.729	2.415	.255
57413		Parker Hydraulic Systems	CHM	18.430	3.680	1.750	None			
57414		Koehring Sky Trak	CHM	15.120	6.500	3.540	None			
57415		Various Parker Applications	CHM	9.182	3.820	1.630	None			
57416		Zinga SF, DF, MFT Heads	SHYD	10.900	5.100	1 1/2-16	Packed	5.050	4.690	.185
57418		Caterpillar Equipment	SHYD	11.630	4.770	1 3/4-12	Attached	3.38	3.1	.13
57420		Parker Hydraulics	CHM	8.810	2.730	1.680	None			
57421		Case, Ford, New Holland Tractors	SHYD	9.620	5.380	1 3/4-16	Attached	4.290	3.720	.210
57422		Various Komatsu	SLUBE	5.760	3.750	1-16	Attached	2.850	2.475	.185
57430		Kubota Tractors	SLUBE	3.950	3.830	3/4-16	Attached	2.85	2.58	.14
57440		Kobelco, New Holland, Hitachi, Kubota, Other	CHM	4.910	2.750	1.640				
57450		Internal Mount Hydraulic Tank Filter (14 GPM) (1" NPTF Outlet Port, 100 Mesh Wire Media)	CHM	4.560	3.200		None			
57451		Internal Mount Hydraulic Tank Filter (23 GPM) (1 1/4" NPTF Outlet Port, 100 Mesh Wire Media)	CHM	6.560	3.200		None			
57452		Internal Mount Hydraulic Tank Filter (32 GPM) (1 1/2" NPTF Outlet Port, 100 Mesh Wire Media)	CHM	8.560	3.200		None			
57453		Internal Mount Hydraulic Tank Filter (53 GPM) (2" Outlet Port, 100 Mesh Wire Media)	CHM	7.170	4.190	T-CLOSED B-2.000	None			
57454		Caterpillar Equipment	CHM	8.187	3.010	T-CLOSED B-1.046	None			
57455		Zinga HF Series Heads	SHYD	9.500	3.840	1 1/2-16	Attached	3.165	2.945	.140
57456		Zinga Housings	CHM	18.130	5.220	3.240	None			
57457		Zinga SF, DF, MF Heads	SHYD	6.700	5.100	1 1/2-16	Packed	5.060	4.700	.180
57460		Linde Equipment	SHYD	5.45	3.06	3/4-16	Attached	2.8	2.47	.21
57462		Various VW (11-13)	CLMF	4.685	3.189	T-CLOSED B-.669	Packed (O-Ring)	3.908	3.598	.155
57467		Various IHC Maxxforce Engines, IHC Trucks - Centrifuge By-Pass filter	CLMF	5.800	3.830					
57469		Liebherr, John Deere Equipment	SLUBE	9.124	4.250	30X2.0 MM	Attached	4.03	3.585	.265
57476		Liebherr Equipment, Belloli Trucks	SHYD	8.69	5.125	1 1/4-11 BSP	Attached	4.186	3.86	.256
57488		Agco, New Holland, Case, McCormick Equipment	SLUBE	6.631	3.690	27X2.0 MM	Attached	2.783	2.443	.2
57490		Zinga Hydraulics	SHYD	3.400	3.050	3/4-16	Attached	2.739	2.43	.226
57501		Heil Dump Trucks, JCB Equipment	CHM	18.310	4.170	T-.410 B-2.830	None			
57502		Ford, Lincoln, Mercury, Mazda (09-13)	SLUBE	4.090	2.942	22X1.5 MM	Attached	2.753	2.397	.25
57503		Ford, Lawn & Garden equipment	SLUBE	3.199	2.921	3/4-16	Attached	2.734	2.43	.226
57507		NTZ By-Pass Filter - Element for 24507 Housing (Obsolete)	CLMF	3.610	3.125	1.410	None			
57508		NTZ By-Pass Filter - Element for 24508 Housing (Obsolete)	CLMF	7.125	3.120	1.410	None			
57509		NTZ By-Pass Filter - Element for 24509 Housing (Obsolete)	CLMF	11.800	3.150	1.410	None			
57510		John Deere 35D, 50D Excavators	SLUBE	4.848	3.234	20X1.5 MM	Attached	2.475	2.173	.233

TECHNICAL DATA

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filter; CLMF=Cartridge Lube Metal Free Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter; STRAN=Spin-On Transmission Filter

® Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
57511		American, Brockway Trucks, Hercules Engines, I-R, LaFrance, Oliver, Waukesha Engines	CLM	9.630	3.130	T-.930 B-.830	Packed	4.102	3.828	.062
57512		Mini Cooper, Clubman (07-13)	CLMF	2.716	2.519	T-.834 B-1.142	Packed Packed	3.14 .875	2.85 .65	.145 .09
57514		Harley Davidson Motorcycles, Jaguar (00-03) Chrome Version of 51214	SLUBE	5.598	3.012	3/4-16	Attached	2.734	2.430	.226
57515		Various HD Equipment (Glass media version of 51515)	SLUBE	5.178	3.660	3/4-16	Attached	2.834	2.462	.2
57520		Case, Poclain, Timberjack, Valmet, Volvo Equipment	CHM	11.375	4.965	T-.375 B-3.600	None			
57521		Various Isuzu Diesel Engines, GM "W" Series Tilt-Cabs	SLUBE	4.930	4.650	1 1/2-12	Attached	4.330	3.850	.210
57522		Various Pall, Hydac, Schroeder Hydraulics	CHM	8.270	3.070	T-CLOSED B-1.690	None			
57523		Caterpillar 300 Series Excavators, Hydac hydraulics	CHM	7.680	3.720	T-CLOSED B-1.900	None			
57526		Various Dodge, Chrysler, Jeep w/ 3.6L Pentastar engine (11-13), VW Routan (11-12)	CLMF	5.413	2.051	T-.370 B-.867	Packed (O-Ring)	2.598	2.314	.142
57528		BlueBird Bus - Power Steering	PSCF	5.015	2.480	T-.325 B-1.080	None			
57530		Various Suzuki (07-12)	SLUBE	3.357	2.820	3/4-16	Attached	2.564	2.222	.204
57544		Sullair Compressors	SLUBE	6.307	4.661	1 1/2-12	None			
57546		Replacement element for Donaldson HMK05/25 Hydraulic Assembly	SHYD	14.240	4.700	1 3/4-12	Attached	3.34	3.11	.14
57555		Hitachi, Hino	CLM	7.280	3.940	T-.590 B-1.950	Packed (O-Ring) Packed (O-Ring) Packed (O-Ring) Packed (Washer)	4.933 .831 .414 1.262	4.695 .593 .294 .651	.119 .119 .06 .044
57557		Various Freightliner, Kenworth, Mack, Peterbilt, and Sterling HD Trucks - Power Steering filter	PSCF	2.727	3.281	1.162	None			
57558		Timberjack Forestry Equipment	CHM	9.080	5.130	T-.410 B-3.690				
57560		BMW 335D, X5 w/ 3.0L Turbo Diesel (09-12)	CLMF	6.050	2.576	1.261	Packed (O-Ring) Packed	3.12 .662	2.85 .48	.135 .056
57561		Various Audi, VW (08-13)	SLUBE	5.573	3.095	27X1.5 MM	Packed	2.819	2.461	.21
57562		Various Audi (05-13), VW Phaeton (04-05)	CLMF	5.362	2.881	T-1.141 B-1.574	Packed	3.5	3.24	.13
57563		Volkswagen Touareg (04-07)	CLMF	4.365	3.267	T-.944 B-1.574	Packed (O-Ring) Packed (O-Ring)	3.899 .629	3.583 .433	.158 .098
57580		Agco, M-F, Valmet Tractors	SLUBE	5.843	4.260	24X1.5 MM	Attached	2.81	2.46	.21
57598		Various Pall, Parker Hydraulics	CHM	9.250	3.190	1.630	None			
57600		Massey Ferguson Tractor MF3670, MF3680, MF3690	SLUBE	10.365	4.282	30X1.5 MM	Attached	3.967	3.587	.340
57601		John Deere 750, 550, 555.	CHM	9.560	4.370	T-3.620 B-.680	None			
57602		John Deere, Hitachi Equipment	SHYD	9.500	3.860	1 1/2-16	Attached	3.210	2.970	.210
57603		Ford Wheel Tractors	SHYD	9.754	5.342	1 3/4-16	Attached	4.300	3.840	.210
57604		IHC Equipment/Navistar Trucks	SLUBE	9.735	4.661	1 1/2-16	Attached	4.320	3.820	.260
57605		Zinga Hydraulic	CHM	9.185	3.906	1.906	None			
57606		IHC Dresser, John Deere	SHYD	8.220	5.000	1 1/2-16	Attached	4.105	3.575	.265
57608		Various Equipment	SHYD	10.900	5.100	1 1/2-16	Packed	5.050	4.670	.190
57609		Atlas-Copco, Liebherr, M.A.N. Trucks, Mercedes, Other	CLM	10.571	4.744	T-.535 B-2.520	None			
57612		Replacement element for Donaldson HMK03 Hydraulic Assembly	SHYD	5.520	3.130	2-12	Attached	2.135	1.865	.135
57613		Replacement element for Donaldson HMK03 Hyd assembly	SHYD	9.520	3.130	2-12	None			
57616		Kubota Equipment	SHYD	6.480	3.777	1 1/8-16	Attached	2.931	2.756	.087
57617		Volvo Excavators	CHM	17.720	7.010	4.330	None			
57620		Dodge Pickups w/ 5.9L Cummins Diesel, "B" Series Eng. (03-10), 6.7L Cummins Diesel (08-11), Ram 2500/3500 (11-13) - (Fluted Version Of 51607) (High Efficiency Fluted Version is 57620XE)	SLUBE	6.945	3.681	1-16	Attached	2.835	2.461	.170
57620MP		Master Pack Version of 57620	SLUBE	6.945	3.681	1-16	Attached	2.835	2.461	.17
57620XE		Extra Efficiency Version Of 57620 - Has Fluted Can (can use in place of 51607)	SLUBE	7.000	3.690	1-16	Attached	2.830	2.440	.225

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filter; CLMF=Cartridge Lube Metal Free Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
57623		Synthetic Media Version of 51623	STRAN	10.295	4.666	1 5/16-12	Attached	4.200	3.662	.415
57624		John Deere Equipment	SHYD	11.903	4.720	90X2.0 MM	Attached	4.675	3.955	.545
57657		Mercedes Trucks, Equipment using OM501LA, OM502LA, OM541LA, OM542LA Engines	CLMF	12.401	4.744	T-CLOSED B-2.204	Packed (O-Ring) Packed (Washer) Packed (Washer)	5.51 1.338 1.023	5.196 1.023 .787	.157 .059 .059
57658		Parker, Pall Hydraulics	CHM	8.230	3.780	T-CLOSED B-2.170	None			
57659		Parker, Schroeder Hydraulics	CHM	5.350	2.450	T-CLOSED B-1.000	None			
57660		Parker Hydraulics	CHM	12.950	3.780	T-CLOSED B-2.190	None			
57661		Pall, Parker Hydraulics	CHM	9.328	3.900	1.610	None			
57662		Schroeder, Pall, Parker Hydraulics	CHM	9.280	3.530	1.600	None			
57663		Orenstein & Koppel Hydraulics	CHM	25.472	5.984	T-CLOSED B-3.936	None			
57669		IHC Trucks, Buses	SLUBE	8.750	4.263	1 1/8-16	Attached	2.859	2.454	.21
57671		Various Honda Motorcycles - (02-13)	CLM	1.401	T-1.574 B-1.496	T-CLOSED B-.401	None			
57674		Saturn Astra (08-09), Chevrolet Aveo (09-11), Chev Cruze (11-13), Pontiac G3 (09-10), Wave (09)	CLMF	4.170	2.248	T-.375 B-1.023	Packed	2.645	2.375	.135
57678		Kenworth, Mack Trucks	PSCF	4.130	3.281	1.162	None			
57682		Various John Deere Mowers, Z-Trak Mowers	SHYD	5.410	3.725	1-14	Attached	2.825	2.49	.2
57694		BMW M5, M6 (06-10); Various Porsche (08-13)	CLMF	4.311	3.267	1.535	Packed Packed Packed	3.93 .62 .66	3.65 .44 .485	.14 .09 .055
57696		MAN Trucks, Engines	CLMF	5.826	4.744	2.173	Packed (O-Ring) Packed (O-Ring) Packed (O-Ring)	5.51 .628 .47	5.196 .472 .314	.157 .078 .078
57700		JCB Equipment 712, 716 Truck.	CHM	11.811	2.835	T-.276 B-1.752	None			
57701		Allison Trans Filter - Chev/GMC PU w/ 6.6L Diesel + 8.1L Vortec (01-12)	STRAN	3.000	3.065	3/4-20	Attached	2.750	2.460	.390
57702		Ford Trucks + Vans w/ 5R Transmissions (03-10) - replaces cartridge By-Pass Element	CTF	3.360	T-1.774 B-1.811	.385	Packed	3.665	3.425	.120
57703		Centrifugal Lube Cartridge for Mack Engines	CLM	7.441	4.291	T-.395 B-.494	None			
57704		Isuzu Diesel Engines, Various Heavy Duty Equipment	SLUBE	6.982	3.663	5/8-18	Attached	2.834	2.462	.190
57705		IHC Trucks - Power Steering	PSCF	2.975	2.755	T-CLOSED B-.490	None			
57706		Centrifugal Cartridge Lube for Mack Engines	CLM	7.441	4.291	T-.494 B-.632	None			
57707		Centrifuge By-Pass Lube For IHC - DT466 & 570 Engines	CLM	7.440	4.291	T-.397 B-CLOSED	None			
57708		Various IHC Trucks w/DT-466 Maxx Force Engine (11-on)	SLUBE	11.362	4.668	1 3/4-12	Attached	4.32	3.82	.365
57709		John Deere Grader	SHYD	11.903	4.745	90X2.0 MM	Attached	4.66	3.98	.56
57710		Various Industrial Hydraulic Applications	CHM	4.870	3.000	1.010				
57711		MAN Trucks, Deutz Tractors	CLM	8.425	3.275	T-CLOSED B-1.559	Packed (O-Ring)	3.883	3.577	.153
57712		Various Subaru (88-13)	SLUBE	2.577	2.685	20X1.5 MM	Attached	2.475	2.173	.233
57713		Various CAT Equipment	SHYD	9.542	3.750	1 3/8-12	Attached	2.719	2.5	.135
57717		IHC VT275 (4.5L) Powerstroke diesel - Ford Cab Forward Trucks	CLMF	5.930	3.350	T-.375 B-1.560	Packed (O-Ring)	3.957	3.647	.155
57720		Various Caterpillar (Fire Retardant version of 51167)	CHM	9.250	4.000	2.300	None			
57721		Various Caterpillar (Fire Retardant version of 51197XE)	CHM	9.000	5.070	3.340	None			
57722		Various Caterpillar (compatible w/ fire retardant fluids - Fire Retardant version of 57195)	CHM	9.000	6.840	4.230	None			
57723		Case, JCB, John Deere, Terex	SHYD	8.500	3.765	24X1.5 MM	Attached	2.81	2.46	.21
57724		Caterpillar 300 Series Excavators & 700 Series Off-Hwy Trucks	SHYD	5.500	3.140	2-12	Attached	3.13	1.86	.31
57725		Toyota 42F, 5F Series Forklifts	CHM	5.400	4.235	T-1.060 B-.750	None			
57726		Various Pall Hydraulic Applications	CHM	17.990	5.980	2.620	None			
57727		Various Pall Hydraulic Applications	CHM	17.990	5.980	2.620	None			

TECHNICAL DATA

* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filter; CLMF=Cartridge Lube Metal Free Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter; STRAN=Spin-On Transmission Filter

® Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
57728		Hitachi Excavators w/ Isuzu Engine	SLUBE	9.875	4.715	1 3/8-16	Attached	4.355	3.855	.340
57729		Various Pall Hydraulic Applications	CHM	17.830	5.980	2.620	None			
57730		Bobcat Equipment	SLUBE	3.740	3.670	3/4-16	Attached	2.825	2.44	.215
57731		Mahindra Tractors	SLUBE	5.600	3.710	20X1.5 MM	Attached	2.9	2.47	.285
57740XE		Allison 3000/4000 Series Transmission w/ 4" or 6" Sump - includes 2 elements + gasket pack	CTM	5.970	3.210	T-CLOSED B-1.515	Packed (10)			
57741XE		Allison 3000/4000 Series Transmissions w/ 2" or 4" Sump - includes 2 elements and gasket pack	CTF	4.200	3.210	T-CLOSED B-1.515	Packed (10)			
57742		Allison EV40, EV50 Transmission	CTF	4.200	3.210	T-CLOSED B-1.520	Packed (O-Ring) Packed (O-Ring)	3.661 .8	3.475 .63	.093 .087
57744XD		IHC Trucks w/ DT466E, DT570, HT570, MaxxForce Engines (05-on)	SLUBE	13.670	4.680	95X2.0 MM	Attached	4.67	4	.2
57745EC		ecoLAST variation of 57745XD - uses specific proprietary filtration media to sequester acids which extends oil life and extends filter drain interval - For over the road truck use only - Must be used with oil analysis to confirm drain interval - oil analysis kit part # is 24078ECD or 24078ECP (order seperately) - see warranty that comes packaged with the product	SLUBE	13.890	4.660	95X2.5 MM	Attached	4.67	4	.2
57745XD		Cummins ISM, ISX, QSX Engines (For short version, use 57746XD)	SLUBE	13.890	4.660	95X2.5 MM	Attached	4.670	4.000	.200
57746EC		ecoLAST variation of 57746XD - uses specific proprietary filtration media to sequester acids which extends oil life and extends filter drain interval - For over the road truck use only - Must be used with oil analysis to confirm drain interval - oil analysis kit part # is 24078ECD or 24078ECP (order seperately) - see warranty that comes packaged with the product	SLUBE	11.791	4.650	95X2.5 MM	Attached	4.67	4	.2
57746XD		Cummins ISX, ISM Engines (For longer version, use 57745XD)	SLUBE	11.791	4.650	95X2.5 MM	Attached	4.670	4.000	.200
57750		Various John Deere Equipment (Obsolete/Superseded by 57750S)	SLUBE	6.000	3.945	92X2.5 MM	None			
57750S		Various John Deere Equipment (this part replaces 57750)	SLUBE	6.000	3.945	92X2.5 MM	None			
57755		John Deere Tractors	CLM	10.250	3.090	1.690	Packed	3.955	3.715	.12
57756		Various HD Hyd Applications	CHM	9.250	3.900	1.610	None			
57757		Various Heavy Duty Applications	CHM	9.250	3.190	1.630	None			
57760		New Holland, Versatile Tractors	SHYD	7.780	4.720	90X2.0 -7H	Attached	4.67	4	.2
57777		Various John Deere Equipment	SLUBE	11.790	4.660	52X1.5 MM	Attached	4.680	4.010	.610
57791		Caterpillar Equipment, Mack, Volvo, Other - Increased Efficiency version of 51791 (Uses blend of cellulose + glass media to give performance in between 51791 + the 51791XE)	SLUBE	10.382	4.000	1 1/8-16	Attached	3.967	3.587	.34
57792		Caterpillar - Increased/Extra Efficiency version of 51792 (Uses blend of cellulose + glass media to give performance in between 51792 + the 51792XE)	SLUBE	12.184	5.342	1 1/2-16	Attached	4.32	3.82	.345
57794		New Holland TL, TN Series Tractors	SHYD	6.625	5.475	1 3/4-14	Attached	4.28	3.79	.275
57799		IHC 7300 Serires Truck w/DT466E Engine	SLUBE	9.620	5.380	45X1.5 MM	Attached	4.28	3.93	.305
57800		Pall Equipment	CHM	13.100	3.750	2.158	None			
57801		Various Equipment	CHM	16.890	3.390	T-CLOSED B-1.940	None			
57802		IHC Loaders	SHYD	12.250	5.000	3-8	None			
57803		Case, Hitachi, JCB, John Deere, Link-Belt Equipment	CHM	17.936	5.906	4.315	None			
57806		Various Volvo (07-13), Land Rover (08-13), Ford GT (05-06)	CLMF	4.020	3.270	1.690	Packed O-Ring	4.29 .66	3.99 .485	.145 .05
57808		Various Caterpillar Equipment	CHM	6.540	4.610	T-CLOSED B-2.320	Packed (O-Ring)	4.637	4.359	.139
57809		Various Caterpillar Equipment	CTF	10.500	4.790	T-CLOSED B-2.045	Packed	5.25	4.99	.13
57811		Various Heavy Duty Applications	CHM	9.250	3.900	1.610	None			
57819		ZF Marine Transmissions	STRAN	5.420	3.650	3/4-16	Attached	2.81	2.42	.225
57830		Subaru (11-13)	SLUBE	3.009	3.298	20X1.5 MM	Attached	2.453	2.188	.142
57832		Sullair Compressors	SHYD	5.620	3.660	3 1/2-20	Attached	2.835	2.455	.195
57840		Various Heavy Duty Applications, Schroeder Hydraulics	CHM	9.250	3.900	1.610	None			
57841		Various Heavy Duty Applications	CHM	9.250	3.900	1.610	Attached			
57842		Various Heavy Duty Applications	CHM	9.250	3.190	1.630	None			

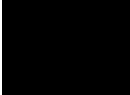
* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filte; CLMF=Cartridge Lube Metal Free Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter; STRAN=Spin-On Transmission Filter; CTM=Cartridge Transmission

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
57843		Various Schroeder, Hydac Hydraulics	CHM	9.250	3.500	1.654	None			
57844		Various Hydac, Parker, Schroeder Hydraulics	CHM	9.250	3.500	1.610	None			
57845		Various Hydac, Schroeder Hydraulics	CHM	9.250	3.500	1.654	None			
57847		Various Heavy Duty Applications	CHM	8.270	3.070	T-CLOSED B-1.690	None			
57848		Various HD Hyd Applications	CHM	8.270	3.070	T-CLOSED B-1.700	None			
57849		Various Hydraulic Applications	CHM	8.270	3.070	T-CLOSED B-1.700	None			
57850		Westinghouse and GE Turbines	CHM	25.730	3.780	T-CLOSED B-2.170	None			
57851		Westinghouse and GE Turbines	CHM	25.730	3.780	T-CLOSED B-2.170	None			
57852		Agco, JCB, Ford, John Deere, MF, Other	CHM	8.270	3.070	T-CLOSED B-1.700	None			
57853		Various Hydraulics	CHM	4.490	1.770	T-CLOSED B-1.000	None			
57855		Various Pall Hydraulics	CHM	4.490	1.770	T-CLOSED B-1.000	None			
57856		Various Pall Hydraulics	CHM	4.490	1.770	T-CLOSED B-1.000	None			
57857		Various Pall Applications	CHM	8.230	1.770	T-CLOSED B-1.000	None			
57858		Various Pall Applications	CHM	8.270	1.770	T-CLOSED B-1.000	None			
57859		Various Pall Hydraulics	CHM	8.270	1.770	T-CLOSED B-1.000	None			
57860		Various Pall Hydraulics	CHM	8.270	1.770	T-CLOSED B-1.000	None			
57861		Various Pall Hydraulics	CHM	8.230	1.770	T-CLOSED B-1.000	None			
57862		Various Pall Hydraulics	CHM	8.270	1.770	T-CLOSED B-1.000	None			
57863		Various Pall Hydraulics	CHM	8.270	3.070	T-CLOSED B-1.690	None			
57864		Various Pall Hydraulics	CHM	4.450	1.770	T-CLOSED B-1.000	None			
57865		Industrial Hydraulic Applications	CHM	6.220	1.750	T-CLOSED B-.870	None			
57866		Hydac Hydraulic Applications	CHM	6.220	1.750	T-CLOSED B-.870	None			
57867		Hydac Hydraulic Applications	CHM	6.220	1.750	.870	None			
57868		Various Hydac Hydraulic Applications	CHM	6.220	1.750	T-CLOSED B-.870	None			
57869		Various Hydac Hydraulic Applications	CHM	6.220	1.750	T-CLOSED B-.870	None			
57870		Various Hydac Hydraulic Applications	CHM	6.220	1.750	T-CLOSED B-.870	None			
57871		Various Hycon/Hydac Hydraulic Applications	CHM	6.020	1.850	T-CLOSED B-.870	None			
57872		Various Hycon/Hydac Hydraulic Applications	CHM	6.020	1.850	T-CLOSED B-.870	None			
57873		Various Hycon/Hydac Hydraulic Applications	CHM	6.020	1.850	T-CLOSED B-.870	None			
57874		Various Hydac Hydraulic Applications	CHM	6.020	1.850	T-CLOSED B-.870	None			
57875		Various Hydac Hydraulic Applications	CHM	6.020	1.850	T-CLOSED B-.870	None			
57876		Various Hydac Hydraulic Applications	CHM	7.360	2.360	T-CLOSED B-1.350	None			
57877		Various Hydac Hydraulic Applications	CHM	7.360	2.360	T-CLOSED B-1.350	None			
57878		Various Hydac Hydraulic Applications	CHM	7.360	2.360	T-CLOSED B-1.350	None			



TECHNICAL DATA

* CHM=Cartridge Hydraulic Metal Canister

° Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions			
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.
57879		Various Hydac Hydraulic Applications	CHM	7.360	2.360	T-CLOSED B-1.350	None			
57880		Hydac Hydraulics	CHM	7.360	2.360	T-CLOSED B-1.350	None			
57881		Various Hydac Hydraulics Application	CHM	6.811	2.716	T-CLOSED B-1.346	None			
57882		Various Hydac Hydraulic Applications	CHM	6.810	2.720	T-CLOSED B-1.350	None			
57883		Various Hydac Hydraulic Applications	CHM	6.810	2.720	T-CLOSED B-1.350	None			
57884		Various Hydac Hydraulic Applications	CHM	6.810	2.720	T-CLOSED B-1.350	None			
57885		Various Hydac Hydraulic Applications	CHM	6.810	2.720	T-CLOSED B-1.350	None			
57886		Parker Hydraulics	CHM	7.890	3.600	T-CLOSED B-2.490	None			
57887		Hydac, Agco, John Deere, Komatsu, Massey Ferguson, Takeuchi	CHM	8.230	2.090	T-CLOSED B-.960	None			
57888		Various Parker Hydraulic Applications	CHM	9.650	2.360	T-CLOSED B-1.410	None			
57889		Various Pall, Parker, Vickers Hydraulic Applications	CHM	18.500	3.900	1.610	None			
57890		Johnson, Evinrude, Suzuki 4-stroke Outboard Marine Engines	SLUBE	2.110	2.685	3/4-16	Attached	2.475	2.173	.233
57896		CAT Excavators	CHM	16.700	5.600	3.880	None			
57899		Various Dodge, Chrysler, Jeep (08-13)	SLUBE	3.740	3.675	22X1.5 MM 6-	Attached	2.815	2.48	.175
57900		John Deere Equipment	CHM	18.000	4.406	2.600	None			
57901		New Holland Skid-Steer Loaders	SLUBE	3.881	3.710	27X2.0 MM	Attached	2.765	2.465	.235
57902		Pall-Parker Hydraulic	CHM	8.200	1.760	T-CLOSED B-1.010	None			
57907		Replacement element for Donaldson HMK03 Hyd assembly	SHYD	9.520	3.130	2-12	None			
57909		Detroit Diesel DD13 & DD15 Engines	CLMF	10.413	T-4.753 B-4.576	T-.500 B-2.244	Packed (O-Ring)	5.243	4.933	.155
57911		Hitachi, Isuzu	CLM	9.920	4.210	T-.690 B-1.930	Packed (4)			
57929		Perkins Engines, Generators	CLMF	10.650	4.907	T-CLOSED B-1.680	Packed	5.33	5.06	.135
57931		Suzuki, Kawasaki ATVs, Motorcycles	CLM	1.715	1.725	T-CLOSED B-.535	None			
57932		Kawasaki KX250F, Suzuki RMZ250, RMX450 Motorcycle	CLM	1.710	1.500	T-CLOSED B-.420	Packed (O-Ring)	.511	.275	.078
57933		Yamaha YZ450F, YZ250F Motorcycles	CLM	1.830	1.500	T-CLOSED B-.535	None			
57934		Yamaha YFM, YTM, YFB 200, 225, 250cc Series ATVs	CLM	1.910	1.485	T-CLOSED B-.500	Packed (O-Ring)	2.702	2.418	.142
57935		Yamaha YFM350, YFM400 Series ATVs	CLM	1.815	1.485	T-CLOSED B-.490	Packed (O-Ring) Packed (O-Ring)	2.382 2.239	2.112 2.053	.135 .093
57936		Various BMW Motorcycles	SLUBE	3.100	3.090	3/4-16	Attached	2.81	2.465	.3
57937		Various AricCat ATVs	SLUBE	3.402	2.685	20X1.0 MM	Attached	2.475	2.173	.233
57938		Various Honda ATV's - (03-11) Honda Big Red Utility Vehicle (09-11)	CLM	1.811	2.716	.767	Packed (O-Ring) Packed (O-Ring)	3.149 .775	2.953 .571	.098 .102
57947		Mercedes OM352, OM366 Diesel Engines, Liebherr, New Holland	CLM	7.677	3.070	.905	Packed (3)			
57963		John Deere, Hitachi Excavators	STRAN	6.055	3.862	1 1/8-16	Attached	2.85	2.5	.2
57997		BMW M3 (08-13)	CLMF	4.311	3.267	1.166	O-Ring O-Ring Gasket Gasket	3.925 .395 .662 .662	3.615 .263 .483 .483	.155 .066 .05 .05
58010		Various Lexus, Toyota (04-13) - U150E, U151E or F Transmission	TK							
58013		Various Dodge (05-11), Chrysler, Mitsubishi (05-10), Various Jeep (03-12) - w/ 42RLE 4 Speed Transmission	TK							
58020		Various Toyota (01-10), Lexus GS300 (93-95) - A341E Transmission (2WD)	TK							

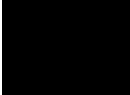
* CHM=Cartridge Hydraulic Metal Canister; CLM=Cartridge Lube Metal Canister Filter; CLMF=Cartridge Lube Metal Free Filter; SHYD=Spin-On Hydraulic Filter; SLUBE=Spin-On Lube Filter; STRAN=Spin-On Transmission Filter; TK=Automatic Transmission Filter Kit

® Housing gasket not packaged with filter – order separately.



PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions				
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.	
58030		Various Lexus, Toyota (98-12) - Isuzu (03-04) - Aisin A343F Transmission	TK								
58040		Toyota Matrix, Corolla, Pontiac Vibe (03-09) w/ A245E Transmission Kit	TK								
58050		Various Subaru models (99-03) - pan style transmission filter. R4AX-EL	TK								
58070		Various Lexus w/ A650E transmission (98-05)	TK								
58099		Ford Trucks, SUVs (07-12) - 6 Speed - 6R80 Transmission and 6 Speed-6R80 Transmission	TK								
58180		Ford F-Series Trucks and E-Series Vans (07-12) w/ 5R110W trans (from 5/20/07 up)	TK								
58323		Various GM, Isuzu, Hummer w/ 4L60E (04-12)	TK								
58324		Various Toyota (00-12) - Various Scion (03-12) - Pontiac (03-10) - 340E, U341E Transmission	TK								
58545		Various Cadillac, Pontiac Models w/ 5L40E transmission (04-10), BMW (00-05).	TK								
58574		Chevy Corvette (97-07) 4L60E	TK								
58601		Various Hyundai Models (93-00) w/ F4A32 Trans	TK								
58602		Nissan (92-99), Infiniti (96-97), Mercury Villager (93-98)	TK								
58603		Toyota (93-98), Lexus (90-97), Volvo (96-98) - Aisin-Warner A442F transmission	TK								
58604		Nissan (95-07), Suzuki (09-12)	TK								
58605		GM, Geo (95-02), Toyota (94-02)	TK								
58606		Mazda Millenia w/ JF403E Trans (95-02)	TK								
58608		GM Vehicles w/ 4L80E Deep Pan Trans (97-10)	TK								
58609		Audi (97-98), Volkswagen (95-06)	TK								
58610		Toyota (96-00) w/ A340, A343F Trans.	TK								
58611		GM, Saturn (95-10), Chevrolet (95-11), Pontiac (96-10) w/ 4T40E, 4T60E, MN5 Trans	TK								
58612		Acura Vigor (92-94), 2.5L TL (95-98)	TK								
58613		Dodge Trucks + Vans, Jeep (98-06)	TK								
58614		Lexus (94-01), Toyota (95-03).	TK								
58615		Acura (91-05)	TK								
58616		Toyota (95-98)	TK								
58617		Various Ford (00-12), Various Mazda (02-09) w/ 4F27E transmission	TK								
58618		Various Toyota, Lexus, Scion (99-12) - U140E, U140F, U240E, U241E Transmission (FWD)	TK								
58624		Ford Trucks + Vans w/ 5R110W (up to 5-20-07), 4R100 Transmissions (03-10)	TK								
58656		Chrysler Vehicles w/ 6 Cyl. Eng. (63-72)	TK								
58658		Chrysler Vehicles w/ V8 Eng. (63-72) w/ 727 Trans.	TK								
58701		GM Vehicles (85-01), Suzuki (93-01) w/ MX-17 Trans	TK								
58705		Chrysler Vehicles (82-04) w/ 404 Deep Pan Trans.	TK								
58707		AMC, Chrysler, Jeep, IHC, Mit. (66-01)	TK								
58710		Mitsubishi Montero Sport w/ V6 3.0L (99-01)	TK								
58731		Hyundai Accent (00-06), Elantra (99-00) w/ F4A32 or A4AF-3 Transmission	TK								
58732		Honda Civic w/ 4MVA-CVT transmission (96-05)	CTM	2.093	T-1.735 B-1.676	T-CLOSED B-.357	None				
58804		Dodge, Eagle, Hyundai, Mitsubishi, Plymouth (90-99)	TK								
58805		Lexus (92-00), Toyota (86-00) w/ A340E Trans	TK								
58815		Ford, Mercury Vehicles w/ AX4N, AX4S Trans (96-07)	TK								
58822		Ford + Lincoln (94-05)	TK								
58836		Same filter as 58917 w/ pan gasket included	TK								
58837		Same filter as 58918 w/ pan gasket included	TK								
58840		Ford Truck (89-11), Mazda Trucks (89-09) w/A4LD, 5R55E 2WD Trans	TK								
58841		Ford + Merc. Trks + Vans w/AL4D 4WD Trans (86-11), Mazda Trucks w/4WD (91-94) (99-08)	TK								



TECHNICAL DATA

* TK=Automatic Transmission Filter Kit; CTM=Cartridge Transmission
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

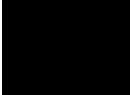
Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions				
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.	
58842		Ford Aspire (94-97)	TK								
58843		Various Dodge Trucks, Jeep, Ram w/ 45RFE + 545RFE Trans - Deep-pan (00-12) - (Kit w/ spin-on, transmission pan filter + gasket together)	TK	4.010	2.685	20X1.5 MM	Attached	2.48	2.235	.155	
58844		Lincoln LS (05-06), Ford Mustang (05-10), T-Bird (05) w/ 5R55-S transmission - (gasket reusable - not provided w/ kit)	TK								
58845		Various Chrysler, Dodge (05-13), Jeep (05-13), Mercedes (97-13), Sprinter Vans - used on 722.6 - (NAG1) 5-Speed transmission	TK								
58846		Various Dodge, Jeep, Ram w/ 45RFE + 545RFE Trans (00-12) - Shallow-pan (Kit w/spin-on, transmission pan filter + gasket together)	TK								
58847		GM/Chevrolet Trucks + SUVs (97-12) w/4L60E Deep Pan, MA5, M30, 4L70 Transmission (to supercede Wix 58607)	TK								
58875		Ford Probe (93-97), Mazda (93-02) w/ 4EAT Trans	TK								
58876		Acura SLX (98-99), Isuzu (89-04), Honda Passport (94-02)	TK								
58877		Ford Family of Cars & Trucks w/AODE Trans. (92-95) (00-01)	TK								
58878		GM Cars/Trucks w/ THM250, 350 Trans (69-85)	TK								
58879		GM Vehicles w/ Early 400 Trans (63-67)	TK								
58880		GM Vehicles w/ 300 Trans (65-69)	TK								
58881		GM Cars/Trucks (68-90), Jaguar (88-92), Jeep (68-79) w/ TH375, TH400 Transmission	TK								
58882		Cadillac Eldorado, Olds Toronado w/ 425 Trans (66-78)	TK								
58883		GM Vehicles w/ Powerglide Trans (62-73)	TK								
58884		Isuzu, Toyota (85-95), Mitsubishi (98-02) w/ A340H Trans	TK								
58886		GM Vehicles w/ THM200C Deep Pan Trans (79-87)	TK								
58888		Toyota (88-00), Lexus (90-93) w/ A540E Trans	TK								
58889		GM + Geo Vehicles (77-97), Fiat, Opel, Suzuki (89-98)	TK								
58890		Allison AT540 Transmission w/ Stainless Steel Media	TK								
58891		Nissan (87-92) w/ R3F01A Trans	TK								
58892		Allison Transmission MT640, MT644, MT650, MT653DR Filter Kit (77-92) - Has flexible gasket - if rigid gasket required, use 58901	TK								
58894		GM Vehicles w/ THM350, 350B, 375B Trans (75-83)	TK								
58895		GM Models (93-11) w/4T80E Trans - includes right side and left side filters	TK								
58896		GM Vehicles w/ THM200-4R Trans (81-90)	TK								
58897		GM Cars/Trucks w/THM700R4 Trans. (82-93)	TK								
58898		Ford, Lincoln, Mercury (03-10) - 5R55S, 5R55W transmission	TK								
58899		GM Vehicles w/ THM325-4L Trans (82-85)	TK								
58901		58892 with Rigid Gasket	TK								
58902		Toyota, Geo (90-99) w/ A240 Trans	TK								
58904		GM/Chevrolet (93-12), Saab (93-10) w/ 4L60E Shallow Pan, 4L80, 4L90	TK								
58906		Nissan, Mazda, Infinti (93-13)	TK								
58914		Ford Taurus SHO (93), Merc Sable (02) (Obsolete)	TK								
58917		Chev/GMC Trucks + Vans w/ 4L80E Shallow Pan Trans (91-03) - No pan gasket included - if gasket needed, use 58836	TK								
58918		GM/Chevrolet/Buick w/4T60E, 4T65E, M15 Trans (91-11) - No pan gasket included - If gasket needed, use 58837	TK								
58920		Ford, Lincoln, Mercury (66-74) w/ C6 Trans (Early Models)	TK								
58921		Ford + Merc. Vehicles (81-95)	TK								
58922		Ford (64-65)	TK								
58923		Ford, Mercury (65-70)	TK								
58926		Ford, Mercury (68-74)	TK								
58927		Ford, Mercury Vehicles (70-84)	TK								
58929		Ford, Lincoln, Mercury (75-97) w/ C6 Trans (Late Models)	TK								
58934		Various Chrysler, Dodge (89-13) w/ 604 Trans.	TK								
58936		Jeep Transmission Filter Kit (87-01)	TK								
58937		Ford Light Trucks w/ C6 Deep Pan Trans (73-98)	TK								

* TK=Automatic Transmission Filter Kit

° Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions				
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.	
58939		Ford Family of Cars/Trucks Transmission Filter Kit (80-94)	TK								
58942		GM Vehicles w/THM440T4 Trans (84-93)	TK								
58945		Isuzu, Toyota (81-02), Volvo (81-96) w/A42D, A43D, AW71 Transmission	TK								
58946		Toyota, Isuzu, Mazda, Mitsubishi, Volvo (82-97) w/A43DL, A44DL, AW70 Transmission	TK								
58948		Mazda, Mitsubishi, Nissan, Chrysler (84-96) w/4N71B Trans	TK								
58949		Ford Bronco,"F" Series Truck w/4X4 (85-94)	TK								
58951		Chev Tracker (97-04), Kia Sportage, Toyota Vehicles (82-96), Suzuki (94-05)	TK								
58952		GM Vehicles w/THM125C Trans. (80-02)	TK								
58953		Magnetic In-line Transmission Filter for Honda Vehicles w/ 7/16" Connections	TK								
58955		Ford, Mercury Vehicles w/ AODE, 4R70W, 4R75W Trans (94-12)	TK								
58956		Ford Family of Cars w/AXOD-E Trans. (86-96)	TK								
58962		Volvo (85-91), BMW (84-93), Jaguar (90-97), Lincoln Diesel (84-85)	TK								
58964		Magnetic In-Line Transmission Filter 5/16" connections	ILTF	5.039	2.402						
58966		Allison 1000, 2000, 2000MH, 2400 Transmission - Deep Pan - Various Medium Duty Trucks	TK								
58967		Ford Trucks + Vans w/E40D, 4R100 2WD Trans. (89-06)	TK								
58968		Ford, Lincoln Trucks + Vans w/E40D, 4R100 4WD Trans (93-09)	TK								
58969		Subaru (91-99) w/4EAT Trans	TK								
58970		Chevy Silverado, GMC Sierra, Various Medium Duty Trks w/ Allison 1000, 2000, 2400 Transmission - Shallow pan	TK								
58973		Toyota Landcruiser w/A440F Trans. (83-95)	TK								
58974		Nissan 300ZX Turbo (91-94), Infiniti Q45 (90-98) w/ RE4R03A Trans	TK								
58977		Ford Probe; Mazda MX-6, 626 (89-92) (Obsolete)	TK								
58978		Infiniti (90-01), Nissan (89-04) w/ RE4R01A Trans	TK								
58983		BMW (91-00); Cadillac Catera (97-01) - Includes 2 gaskets	TK								
58987		Mercedes (81-96), Porsche 928 (91-95)	TK								
58990		Mercedes 190, C Class (84-95) w/W4A020 Trans	TK								
58993		Chrysler Vehicles (93-04)	TK								
58994		Toyota, Ford Trks w/ A140E Trans (86-01)	TK								
58995		Ford, Kia, Mazda, Mercury w/ 4EAT-F Trans. (93-03)	TK								
58996		Infiniti G20 (91-00), Nissan (91-12) w/ RL4F03A Trans	TK								
58997		Chrysler and Mitsubishi Imports (90-99) w/ F4A33-1 Trans	TK								
AC10		AquaChek Water Removal Spin-on. The kit with the base is part # ACK10.	WRS	5.235	3.660	1 1/16-16UN2B					
AC11		AquaChek Water Removal Spin-on. The kit with the base is part # ACK10.	WRS	7.875	3.720	1 1/16-16UN2B					
AC20		AquaChek Water Removal Spin-on. The kit with the base is part # ACK20.	WRS	7.875	3.715	1-12 UNF 2B					
AC30		AquaChek Water Removal Spin-on. The kit with the base is part # ACK30 (takes one element) or ACK40 which takes two AC30 elements.	WRS	11.250	4.670	1 3/4-12UNF					
ACG1		Gauge for AquaChek Kits (Used w/ ACKG15, ACKG25, ACKG35, ACKG45) - This is the gauge only (Tells you when to change the AquaChek filter)	GAU								
ACK10		AquaChek Water Removal Kit - contains: Mounting Base with 1/4" inlet + outlet; 2 Brass Plugs for Base; One AquaChek Spin-on Filter (Part # AC10); One 4 oz. bottle of pneumatic lubricating oil; Teflon tape	WRK								
ACK20		AquaChek Water Removal Kit - contains: Mounting Base with 1" inlet + outlet; One AquaChek Spin-on Filter (Part # AC20); Teflon tape	WRK								
ACK30		AquaChek Water Removal Kit - contains: Mounting Base with 1 1/2" inlet + outlet; One AquaChek Spin-on Filter (Part # AC30); Teflon tape	WRK								



TECHNICAL DATA

* ILTF=In Line Transmission Filter; TK=Automatic Transmission Filter Kit; WRK=Water Removal Kit; WRS=Water Removal Spin-on Filter; GAU=Water Trap Gauge
 † Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

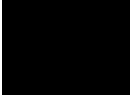
Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions				
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.	
ACK40		AquaChek Water Removal Kit - contains: Mounting Base with 2" inlet + outlet; Two AquaChek Spin-on Filters (Part # AC30); Teflon tape. This kit takes two AC30 spin-ons.	WRK								
ACKG15		AquaChek Kit w/ gauge - includes: base w/ differential pressure gauge, 1 AC10 AquaChek spin-on filter, teflon tape + instruction sheet	WRK								
ACKG25		AquaChek Kit w/ gauge - includes: base w/ differential pressure gauge, 1 AC20 AquaChek spin-on filter, teflon tape + instruction sheet	WRK								
ACKG35		AquaChek Kit w/ gauge - includes: base w/ differential pressure gauge, 1 AC30 AquaChek spin-on filter, teflon tape + instruction sheet	WRK								
ACKG45		AquaChek Kit w/ gauge - includes: base w/ differential pressure gauge, 2 AC30 AquaChek spin-on filters, teflon tape + instruction sheet	WRK								
MA1500	A-112	Mercedes Urban, Boxer Buses (Mexico, Central + South America) Outer air (inner air is MA1501) - not sold in U.S. market	RSOA	16.700	9.440	T-CLOSED B-5.570					
MA1501	A-144	Mercedes Urban, Boxer Buses (Mexico, Central + South America) - Inner air (outer is MA1500) - not sold in U.S. market	RSIA	15.600	T-5.332 B-5.700	T-CLOSED B-4.700					
MA1502	A-112	Mercedes Urban, Boxer Buses, Trucks (Mexico, Central + South America) - Outer air (inner is MA1503) - not sold in U.S. market	RSOA	16.540	10.700	T-CLOSED B-6.875					
MA1503	A-144	Mercedes Urban, Boxer Buses, Trucks (Mexico, Central + South America) Inner air (outer is MA1502) - not sold in U.S. market	RSIA	15.350	T-5.582 B-6.300	T-CLOSED B-4.950					
MA1504	A-51	Nissan Mexico (not sold in USA)	AP	1.500	6.680	8.914					
MA1505	A-48	GM Mexico - not sold in USA	AP	1.650	6.556	8.500					
MA1506	A-48	Chrysler, Hyundai - added for Mexico only - not sold in USA	AP	1.650	6.590	10.750					
MA1507	A-48	Chevrolet Corsa (02-06), Meriva (03-06), Tornado (04-06) - Mexico only - not sold in USA	AP	1.680	8.125	11.375					
MA1508	A-48	VW Pointer w/ L4 1.9L Diesel - Mexico only - not sold in USA	AP	1.874	6.402	11.250					
MA1509	A-22	VW, Ford Trucks, Buses - Central and South America only (not sold in USA) - Outer air (inner is 46525)	A	15.440	T-6.937 B-6.660	T-.500 B-4.128					
MA1510	A-112	Reytor IT2000 - Outer used w/ MA1511 inner - not sold in USA (Central-South America only)	RSOA	16.700	9.800	T-CLOSED B-4.935					
MA1511	A-144	Inner Air used w/ MA1510 outer - not sold in USA - Central-South America only	RSIA								
WA1512	A-112	Mercedes Buses, Ford Trucks - Outer used w/ WA1513 inner - Central, South America only	RSOA	16.100	10.400	T-CLOSED B-5.850					
WA1513	A-144	Mercedes Buses, Ford Trucks - Inner used w/ WA1512 outer - Central-South America only	RSIA	16.625	T-5.332 B-5.700	T-CLOSED B-4.700					
WA9644	A-90	Toyota HiLux, Ford Ranger diesel pickup trucks for Central, South America		6.900	8.750	T-CLOSED B-4.752					
WCK1		Plastic Screw For Ford Taurus / Mercury Sable (96-03) Used With 24773 - 10 per pack	CAA								
WCK10		Cowl Retainer For Buick Regal, Century, and Olds Intrigue (97-04) Used With 24780 - 5 per pack	CAA								
WCK11		Various Ford Applications - Fuel Filter Clip used w/ 33595 or 33097 - This is shorter than the clip packed w/ the filter - 10 Per Box - Replaces Ford clip part # 2F1Z9A317AA	CLIP								
WCK2		Plastic Clip For Ford Taurus, Mercury Sable (96-03) Used With 24773 - 10 per pack	CAA								
WCK3		Push-on Clip For Ford Taurus, Mercury Sable (96-03) Used With 24773 - 5 per pack	CAA								
WCK4		4mm Screw For Ford Taurus, Mercury Sable (96-03) Used With 24773 - 5 per kit	CAA								
WCK5		Combination Screw and Retainer Clip For Ford Contour, Mercury Mystique (95-00) Used With 24771 - 5 per pack	CAA								
WCK6		Self-Tap Screw For Ford Contour, Mercury Mystique (95-00) Used With 24771 - 5 per pack	CAA								
WCK7		Screw Cap For Ford Contour, Mercury Mystique (95-00) Used With 24771 - 10 per pack	CAA								
WCK8		Combination Screw and Retainer Clip For Saturn Vue (02-04) Used With 24872 - 5 per pack	CAA								

* AP=Air Filter Panel; RSIA=Radial Seal Inner Air; RSOA=Radial Seal Outer Air; WRK=Water Removal Kit; CAA=Cabin Air Accessories; CLIP=Fuel Filter Clip

° Housing gasket not packaged with filter – order separately.

PRODUCT NUMERICAL LISTING

Part Number	Design Illus.	Principal Application	Style*	Element Dimensions			Gasket Dimensions				
				Height	O.D.	I.D.	Number	O.D.	I.D.	Thk.	
WCK9		Combination Screw and Retainer Clip For Various GM Vehicles (97-04) Used With 24780 - 5 per pack	CAA								
WF10000		Cat, Mac-Don Equipment - OE filter has an open bottom that requires reusable plastic bowl - this filter is a complete spin-on w/ drain and sensor port (plastic bowl not required) - sensor size is 12x1.75 mm	SOFW	7.938	3.690	22X1.5 MM	Attached	2.822	2.473	.286	
WF10001		Hitachi, Hino	CFM	4.237	3.940	T-.590 B-1.927	Packed (O-Ring) Packed (O-Ring)	.842 4.904	.606 4.662	.118 .121	
WF10002		Mitsubishi Fuso Trucks - has sensor port on domed end (size is 22x1.5 MM)	SOF	5.630	3.858	20X1.5 MM	Attached	2.855	2.57	.14	
WF10003		Belarus Tractors	CFM	4.750	3.720	T-CLOSED B-.420					
WF10004		Tata/Cummins Engines - has water sensor port on domed end - sensor size is 14x2.0 mm	SFWOE	6.112	3.698	1 ³ / ₁₆ -18	Packed Packed	1.036 .725	.775 .493	.222 .094	
WF10005		Davco DI9100 Series Housings or Fleetguard Sea Pro 7 fuel assemblies, FH230, FH234 Industrial Fuel Pro Series - 25 micron - 7 micron version is 33763	CFM	7.030	4.210	T-CLOSED B-.660	Packed (O-Ring) Packed (O-Ring)	5.11 1.73	4.71 1.47	.2 .13	
WF10006		IHC/Navistar Trucks w/ Maxxforce Engines - has open bottom that requires reusable plastic bowl - bowl threads are 3 3/4-10	SFWOE	8.540	4.250	1-14	Packed Packed	3.569 4.11	3.162 3.86	.275 .125	
WF10008		Various Cummins Engines	SOF	11.570	4.730	90X2.0 MM	Attached	4.652	3.973	.59	
W11516		Oil Change Decal - 200 per pack	OCD								
WK490		Sealing Grommet for Air Filter Housing # 24490 - Required to install air housing on vehicles with air charge temperature sensors (ACTS) - vehicles with mass air flow sensors (MAFS) do not require this grommet	GRO								
WL10000		Honda Motorcycles & Scooters	SLUBE	2.570	2.750	20X1.5 MM	Attached	2.455	2.2	.16	



TECHNICAL DATA

* CFM=Cartridge Fuel Metal Canister Filter; SLUBE=Spin-On Lube Filter; SOF=Spin-On Fuel Filter; SOFW=Spin-On Fuel/Water Separator Filter; CAA=Cabin Air Accessories; GRO=Grommet; SFWOE=Spin On Fuel Water Separator w/ Ope; OCD=Oil Change Decal
 † Housing gasket not packaged with filter – order separately.