



A 06479-40 **B** 01512-00 **C** 01513-00 **D** 01509-35 **E** 01509-07 **F** 01509-25 **G** 01508-92 **H** 01508-93

Double Open End Liquid Filter Cartridges

A Submicronic Filter Cartridges have a maximum differential pressure rating of 60 psi, are autoclavable at 250°F (121°C) and in-line sterilizable (except where noted) at 261°F (127°C). **Note:** These submicronic filters will not fit into the 29820-series slim-line housings on page 393.

Serial-layer magna nylon cartridges have two pleated nylon membranes—top membrane acts as a prefilter. Cartridges exhibit high retention capacity and high yields.

Glass-fiber cartridge features interwoven borosilicate glass microfibers held by acrylic binders for exceptional retention. Use as a prefilter to protect membrane filter systems. Not in-line sterilizable.

Polypropylene (PP) filter cartridges have a single-layer filter medium. Chemically inert and high dirt-loading capacity allow you to use these cartridges as prefilters for aqueous solutions. Hydrophobic; prewet* before use. Not in-line sterilizable.

PTFE membrane cartridges consist of single layer, pleated PTFE membranes laminated to a PP support. Acid, alkali, and solvent resistant. Use for gas filtration and venting. Hydrophobic; prewet* when filtering aqueous solutions.

Semiconductor cartridge has a single-layer PES membrane. Each is flushed with 18 MΩ water to ensure downstream cleanliness and rapid resistivity recovery. Diffusion rate of 12 mL/min at 30 psi.

Cat. no.	Cartridge type	Pore size ^a	Filtration area	Length	Price
A-06479-16	Serial nylon	0.2 µm	6.9 sq ft	10"	
A-06479-20	Serial nylon	0.45 µm	6.9 sq ft	10"	
A-06479-24	Glass fiber	3.0 µm	4.3 sq ft	10"	
A-06479-32	Polypropylene	1.0 µm	4.0 sq ft	10"	
A-06479-36	Polypropylene	3.0 µm	4.7 sq ft	10"	
A-06479-40	Polypropylene	5 µm	5.5 sq ft	10"	
A-06479-44	Polypropylene	10 µm	5.6 sq ft	10"	
A-06479-48	PTFE	0.1 µm	5.9 sq ft	10"	
A-06479-52	PTFE	0.2 µm	5.9 sq ft	10"	
A-06479-60	Semiconductor	0.2 µm	6.9 sq ft	10"	

B Polypropylene Sediment Cartridges provide high efficiency filtration and a consistent flow rate without adding taste, odor, or color to the liquid. Micro-grooves on the surface increase surface area. Filter media are thermally bonded to a rigid core for added durability. Maximum temperature is 175°F (79°C).

Catalog number	Pore size	Flow rate ^a	Length	Price
A-01512-00	1 µm nominal	2 GPM at 2 psid	10"	
A-01512-08	5 µm nominal	2 GPM at 2 psid	10"	
A-01512-18	10 µm nominal	5 GPM at 2 psid	10"	
A-01512-28	25 µm nominal	10 GPM at 2 psid	10"	
A-01512-38	50 µm nominal	10 GPM at 2 psid	10"	
A-01512-02	1 µm nominal	5 GPM at 2 psid	20"	
A-01512-12	5 µm nominal	5 GPM at 2 psid	20"	
A-01512-22	10 µm nominal	10 GPM at 2 psid	20"	
A-01512-32	25 µm nominal	15 GPM at 2 psid	20"	
A-01512-42	50 µm nominal	15 GPM at 2 psid	20"	

*To use with aqueous solutions, prewet with methanol, then rinse with water before use.
^aPore sizes for polypropylene cartridges are nominal.

C Polypropylene String-Wound Cartridges reduce sand, silt, rust, and scale from a variety of fluids. Ideal for sediment filtration applications such as municipal and well water. Maximum temperature is 165°F (74°C).

Catalog number	Pore size	Flow rate ^a	Length	Price
A-01513-00	5 µm nominal	7 GPM at 1 psid	10"	
A-01513-02	30 µm nominal	10 GPM at 1 psid	10"	
A-01513-04	50 µm nominal	10 GPM at 1 psid	10"	

D Spun Polypropylene Progressive-Density Cartridges have high dirt-loading capacity for removing sand, silt, sludge, rust, and scale. Maximum temperature is 145°F (63°C); maximum differential pressure is 70 psid**.

Catalog number	Pore size	Flow rate ^a	Length	Price
A-01509-14	1 µm nominal	5 GPM at 2 psid	10"	
A-01509-15	5 µm nominal	5 GPM at 2 psid	10"	
A-01509-35	25 µm nominal	5 GPM at 2 psid	10"	
A-01509-37	1 µm nominal	10 GPM at 2 psid	20"	
A-01509-40	5 µm nominal	10 GPM at 2 psid	20"	
A-01509-41	25 µm nominal	10 GPM at 2 psid	20"	

E Pleated Cellulose/Polyester Cartridges have double the surface area of standard cartridges. Designed for long life in high-flow applications with low pressure drops. Excellent wet strength. Polypropylene core and end caps. Maximum temperature is 165°F (74°C); maximum differential pressure is 70 psid**.

Catalog number	Pore size	Flow rate ^a	Length	Price
A-01509-05	1 µm nominal	20 GPM at 2.0 psid	10"	
A-01509-06	5 µm nominal	20 GPM at 1.8 psid	10"	
A-01509-07	10 µm nominal	20 GPM at 1.6 psid	10"	

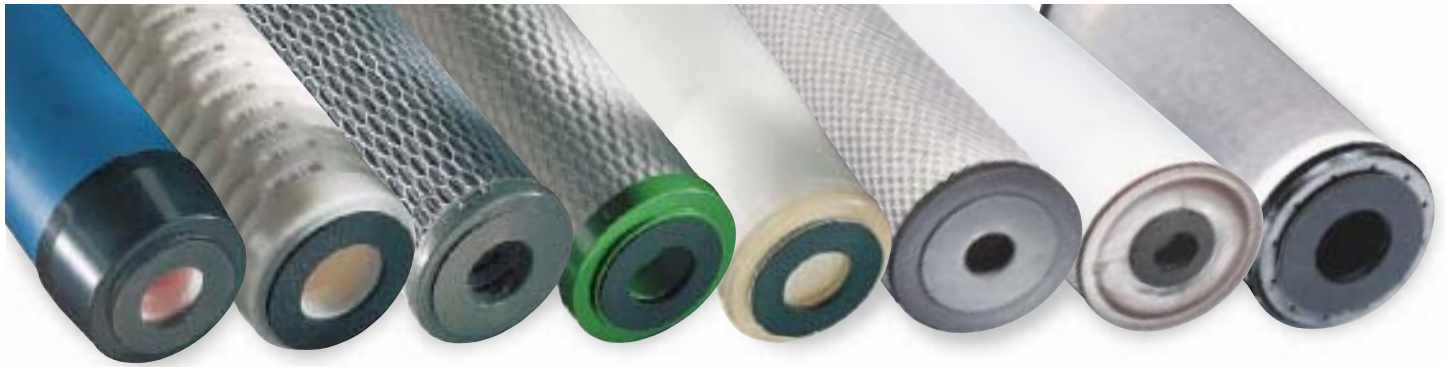
F Activated Carbon-Impregnated Cellulose Cartridges are paper cartridges for cold water filtration. Reduces odors/taste of water. Maximum temperature is 125°F (52°C); maximum differential pressure is 70 psid**.

Catalog number	Pore size	Flow rate ^a	Length	Price
A-01509-25	5 µm nominal	5 GPM at 3.5 psid	10"	
A-01509-27	5 µm nominal	10 GPM at 3.5 psid	20"	

G Granular Activated Carbon Cartridges remove odors and chlorine taste from water. Approximately 10-oz of granular carbon is packed in the plastic tube. End caps have filters to protect carbon. Use at 1 GPM or lower. For cold water only. May initially contain leachable carbon dust; flush system well after installation. Maximum temperature is 125°F (52°C); maximum differential pressure is 70 psid**.

Catalog number	Pore size	Flow rate ^a	Length	Price
A-01508-92	20 µm nominal	1 GPM at 1.5 psid	10"	
A-01508-95	20 µm nominal	1 GPM at 8 psid	20"	

^apsid refers to pounds per square inch pressure drop through the filter system.
^{**}For optimal performance, change cartridges at 25 psid.



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01508-91

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29830-00

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29830-62

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29830-63

Cartridge Coupler

Coupler allows you to join two 10" cartridges together to create a 20" filter, or three 10" cartridges for a 30" filter. Compatible with all 10" cartridges on these two pages.

[A-01508-39](#) Cartridge coupler; pack of five.

I **Long-Life Carbon Block Cartridges** have a polyolefin-bonded powdered activated carbon (PAC) filter. Surface area of 2.2 million sq ft. Remove tastes, odors, chlorine, and sediment. Contain approximately 12 oz of carbon. PP end caps and outer wraps. Maximum temperature is 100°F (38°C); maximum differential pressure is 150 psid**.

Catalog number	Pore size	Flow rate ¹	Length	Price
A-01508-93	0.5 µm nominal	1 GPM at 0.9 psid	10"	
A-01508-97		2 GPM at 0.9 psid	20"	

I **Silver/Carbon Cartridge** has silver impregnated in activated carbon to inhibit growth of bacteria. Removes solids, organic compounds, chlorine, tastes, and odors. For cold water only. Produces 3500 gallons prior to exhaustion. Max temperature is 77°F (25°C); max differential pressure is 10 psid. **Note:** Cartridge does not work with DOE housing models 01508-40, -41, and -42 on page 394.

Catalog number	Pore size	Flow rate ¹	Length	Price
A-01508-91	25 µm nominal	1 GPM at 4 psid	10"	

J **High-Efficiency Pleated Polypropylene (PP) Filter Cartridges** provide more surface area for higher flow rate and longer life. Designed for food, pharmaceutical, semiconductor, and other demanding process industries. All PP construction and gradient density microfiber media provide excellent micron ratings and high contaminant holding capacities. All components are biologically safe and meet FDA requirements. Maximum temperature is 122°F (50°C). Cartridges have Buna N gasket/O-ring.

Cat. no.	Pore size	Flow rate ¹	Length	Price
A-29830-00	0.2 µm	2 to 3 GPM at 1 to 2 psid	10"	
A-29830-10	0.45 µm	2 to 3 GPM at 1 to 2 psid	10"	
A-29830-20	1.0 µm	2 to 3 GPM at 1 to 2 psid	10"	
A-29830-01	0.2 µm	4 to 6 GPM at 1 to 2 psid	20"	
A-29830-11	0.45 µm	4 to 6 GPM at 1 to 2 psid	20"	

K **Pleated Carbon-Impregnated Cartridges** provide high dirt-loading capacities and extended life. Non-cellulose carbon-impregnated media resist bacterial attack and biofilm buildup—use it in nonchlorinated, well water, and post-reverse osmosis applications. Cartridge features powder carbon to reduce chlorine taste/odor and to reduce sediment particles down to 10 µm. Chlorine reduction^{††} is approximately 1300 gallons at 1 GPM. Surface area is 4.5 sq ft. Maximum temperature is 150°F (66°C).

Catalog number	Pore size	Flow rate ¹	Length	Price
A-29830-30	10 µm nominal	2.5 GPM at 1 psid	10"	
A-29830-31		5 GPM at 1 psid	20"	

**For optimal performance, change cartridges at 25 psid.

L **Carbon-Block with Lead Reduction Cartridge** is excellent for residential drinking water systems, commercial water coolers, and small deionized water recirculating systems. Unique formulation of powdered activated carbon briquette allows lead reduction^{††}, fine sediment reduction (down to 0.5 µm, including *Giardia* and *Cryptosporidium* cysts), and chlorine reduction. Outer polypropylene wrap reduces coarse sediment to prolong cartridge life. Operating temperature is 40 to 100°F (5 to 41°C).

Catalog number	Pore size	Flow rate ¹	Length	Price
A-29830-40	0.5 µm nominal	1 GPM at 3 psid	10"	

M **Hexametaphosphate Crystal Cartridge** prevents scale and rust buildup—use with water heaters, air conditioning equipment, and many other types of water processing equipment. Food-grade hexametaphosphate dissolves slowly in water to treat scale, corrosion, and iron problems at various flow rates and feed concentrations. All materials are FDA grade.

Water being treated should have no more than 257 mg/L hardness, with a pH range of 6.5 to 9.0. Maximum temperature is 100°F (38°C). Cartridge is made from polypropylene (PP) shell with a polyester pad prefilter and a PP post filter.

Catalog number	Flow rate	Length	Price
A-29830-60	1.5 to 2.5 GPM	10"	

N **Oil Adsorbing Cartridge** is a modified cellulose-based filter that bonds specifically with hydrocarbons and other pollutants such as dissolved and dispersed oils in water. Removes up to 90% of total hydrocarbons in a single pass.

Catalog number	Capacity	Flow rate	Length	Price
A-29830-61	Up to 5 lb hydrocarbon	5 to 10 GPM	20"	

O **Iron Reduction Cartridge** provides an easy yet effective way to reduce iron in water. Reduces the metallic taste of water and helps eliminate stains on plumbing fixtures. Ideal for drinking water.

Catalog number	Iron reduction capacity	Max flow rate	Length	Price
A-29830-62	Up to 3 ppm dissolved iron	6 GPM	20"	

P **Deionization Cartridges** are designed for deionizing water at 16 MΩ, the mixed-bed cartridges also minimize the TOC (total organic carbon) level. All materials are FDA-compliant.

Catalog number	Capacity (as CaCO ₃)	Flow rate	Length	Price
A-29830-63	270 grains	0.25 GPM	10"	
A-29830-64	600 grains	0.50 GPM	20"	
A-29830-65	1850 grains	1.25 GPM	20"	

¹psid refers to pounds per square inch pressure drop through the filter system.

^{††}Lead reduction through 2000 gallons.

^{†††}Filtration efficiency and chlorine reduction efficiency are reduced at higher flow rates. Chlorine reduction based on at least 75% reduction using 2 ppm free chlorine feed level at 68°F (20°C).

More info...

Use these cartridges with open end (DOE) housings and stainless steel multi-cartridge housings on pages 394-395.