

DMC Series Polypropylene Melt Blown Filter Cartridges

Ask us about DMC Series filters certified to NSF/ANSI 61!



DMC Series filters are available with a variety of end fitting options to fit almost any filter vessel configuration

AJR Filtration offers the DMC Series of melt blown cartridges, formerly sold under the Delta Pure® name. DMC Series filter cartridges with core are polypropylene melt blown depth filters. AJR Filtration employs 100% FDA approved polypropylene and utilizes a multi-layered construction for progressive contaminant removal efficiency. Our in-house production process creates a depth filter with superior performance and consistency. Standard graded density cartridges are available along with custom-gradient configurations to meet specific application requirements. DMC Series filter cartridges are available in lengths to 50" and various diameters to 4.5".

DMC Series cartridges are ideal pre-filters and polishing filters where there is a fairly wide contaminant particle size distribution. The depth filtration mechanism also provides excellent control of gelatinous contaminants.

A fixed pore structure formed by the non-shedding, bonded medium prevents release of trapped particles. The self-supporting fiber matrix enables a coreless design that is both economical and strong. The polypropylene filter medium provides broad chemical compatibility.

Applications

- RO Pre-filtration, DI water, makeup water
- Bottled water, potable water, municipal water
- Juices, flavors, food and beverage, cosmetics
- Weak bases, caustics
- Amines, glycols, produced water, brine fluids
- Paints, inks, pigments, solvents (non-halogenated)

Benefits

- High flow rates and low pressure drop
- High dirt holding capacity
- Fixed pore structure retains trapped debris
- FDA listed polypropylene CFR 177.1520
- Broad chemical compatibility
- Controlled process parameters for consistent product
- Internal core for added support
- Fast lead times

Box Quantities by length

2-3/8" to 2-1/2" Diameter

10"	Length	30/Box
20"	Length	15/Box
30"	Length	15/Box
40"	Length	15/Box
50"	Length	20/Box

4-1/2" Diameter

10"	Length	12/Box
20"	Length	6/Box
30"	Length	3/Box



Specifications

Cartridge ID:
1" nominal standard

Cartridge OD:
DMB-X 2.5"
DMB-X-J 4 1/2"

Maximum for Special Cartridges: 4.5"

Length:
Up to 50"
Special lengths available

Efficiency:
90% at micron rating

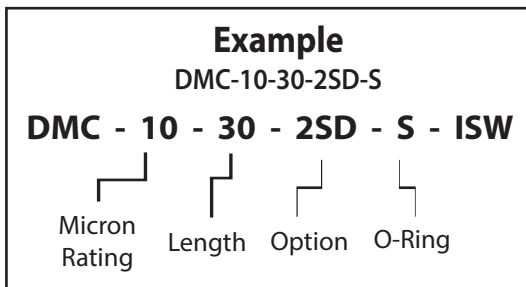
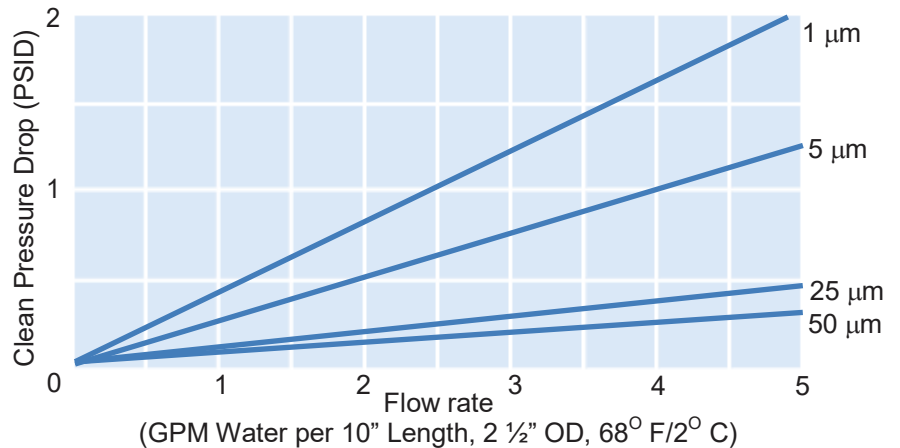
Recommended Maximum Differential Pressure (DP):
60 PSID @ 68°F

Max Temperature: 180°F



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Pressure Drop vs. Flow Rate



DMC Series Model/Code Ordering Info

MICRON RATING	LENGTH INCHES	DIAMETER	OPTIONS	O-RINGS
1	9.75	*Blank = 2.5" OD *J = 4.5" OD	Blank - DOE, plain ends 2SPR - 222 w/ spring top* 2SD - 222 w/ disc* 2SF - 222 w/ fin* 6SPR - 226 w/ spring top* 6SD - 226 w/ disc* 6SF - 226 w/ fin* E - DOE, extended core GP - DOE, polyethylene gaskets (heat sealed to filter) SPR - SOE, with polypro spring SPRE - SOE, with polypro spring and extender ISW - Individually shrink wrapped ISWL - Individually shrink wrapped and labeled	Blank = Buna -E = EPDM -S = Silicone -V = Fluoroelastomer *O-Rings are only available on 222 and 226 options
3	10			
5	20			
10	30			
15	40			
25	50			
50				
100				
Contact AJR to inquire about custom materials and configurations		*ISW is standard		