

DMC Series-61 Polypropylene Melt Blown Filter Cartridges

DMC Series-61 filters are certified to comply with materials safety requirements of NSF/ANSI 61 - "Drinking water system components - Health effects." These filters are manufactured to be used by water municipalities, in various point-of-entry (POE) potable water systems, and other applications where "61 Certified" filters are required. These filters are made using polypropylene complying with FDA CFR 177.1520.

DMC series-61 filter cartridges are robust, high efficiency polypropylene melt blown depth filters with an internal polypropylene core for added strength. These filters utilize a multi-layered construction for progressive contaminant removal efficiency and longer filter life. Our innovative production process creates a depth filter with superior performance and consistency. Cartridges are available in lengths to 50" and various diameters to 4.5". Polypropylene materials provide broad chemical compatibility. The filters' non-shedding fixed pore structures prevent release of trapped particles.



DMC Series-61 filters meet the requirements of municipal water plants and have a rigid internal polypropylene core for added strength

Applications

- Municipal water filtration
- RO Pre-filtration - fresh water
- RO Pre-filtration - desalination
- Well water pump - house filtration
- Commercial POE water filtration
- Residential POE water filtration
- Bottled water
- Juices, flavors, food rinse water
- Cosmetics
- Hot water to 176 deg. F

Benefits

- NSF/ANSI 61 Certified to meet municipality purchasing specifications
- Center core for strength
- High flow rates, 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
- 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

DELTA PURE FILTRATION IS NOW AJR FILTRATION



Specifications

Filter Medium:

Polypropylene, per FDA CFR 177.1520

Rigid Internal Filter Support Core:

Polypropylene, per FDA CFR 177.1520

Cartridge ID:

1" nominal standard

Cartridge OD:

DMB-X 2.5"

DMB-X-J 4.5"

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



DMC Series-61 filters are available with a variety of end fittings for easy installation into most filter housings

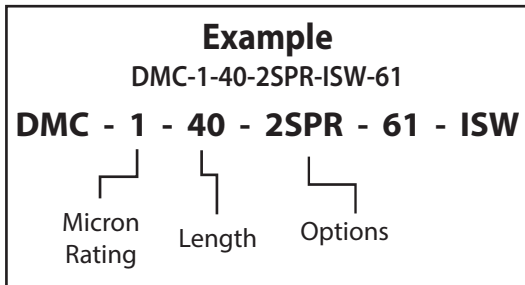
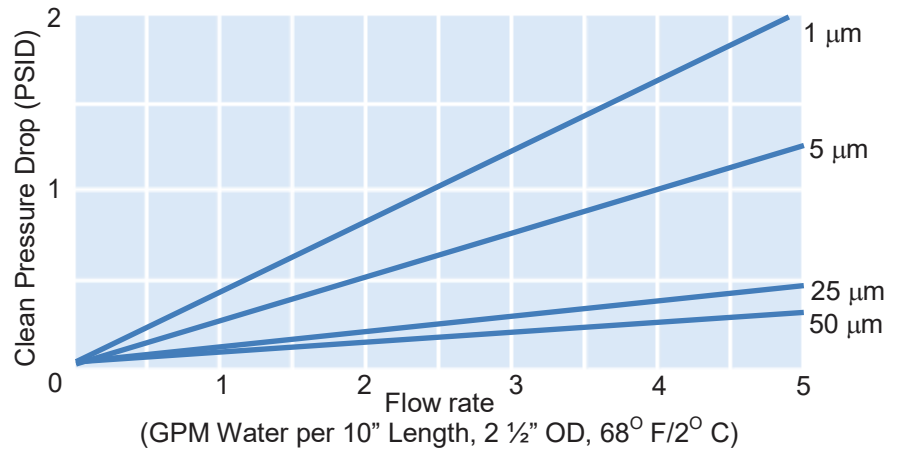


NSF/ANSI 61

The DMC Series-61 Series is certified by IAPMO R&T to NSF/ANSI 61.



Pressure Drop vs. Flow Rate



DMC Series-61 Model / Code Ordering Info

MICRON RATING	LENGTH INCHES	DIAMETER	OPTIONS	O-RINGS
1	9.75	*Blank = 2.5" OD	Blank - DOE, plain ends	Blank = Buna
3	10	*J = 4.5" OD	2SPR - 222 w/ spring top*	none if DOE
5	20		2SD - 222 w/ disc*	-E = EPDM
10	30		2SF - 222 w/ fin*	-S = Silicone
15	40		6SPR - 226 w/ spring top*	
25	50		6SD - 226 w/ disc*	
50			6SF - 226 w/ fin*	
100			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	
Contact AJR to inquire about custom materials and configurations		*ISW is standard		*O-Rings are only available on 222 and 226 options
				Certification: 61- NSF/ANSI 61