

## DMB Series-61 Polypropylene Melt Blown Filter Cartridges

DMB Series-61 melt blown 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 and in various point-of-entry (POE) potable water systems. In addition, these filters are made using polypropylene complying with FDA CFR 177.1520.

These core-less filters feature a multi-layered construction for progressive contaminant removal efficiency. DMC Series-61 filter cartridges are available in lengths to 50" and various diameters to 4.5".

DMB Series-61 cartridges are ideal pre-filters and polishing filters where there is a fairly wide contaminant particle size distribution and provide excellent pre-filtration for RO membrane systems. 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. NSF/ANSI 61 establishes minimum requirements for the control of potential adverse human health effects from products that contact drinking water. This standard is written into the purchasing specifications of many municipal water districts. The NSF/ANSI 61 certification process included laboratory extraction testing for assessment of a range VOCs and a variety of metals such as lead and an on-site audit of our quality system.



*DMB Series-61 filters are available with a variety of end fitting options to fit almost any filter vessel configuration*

### 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

**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

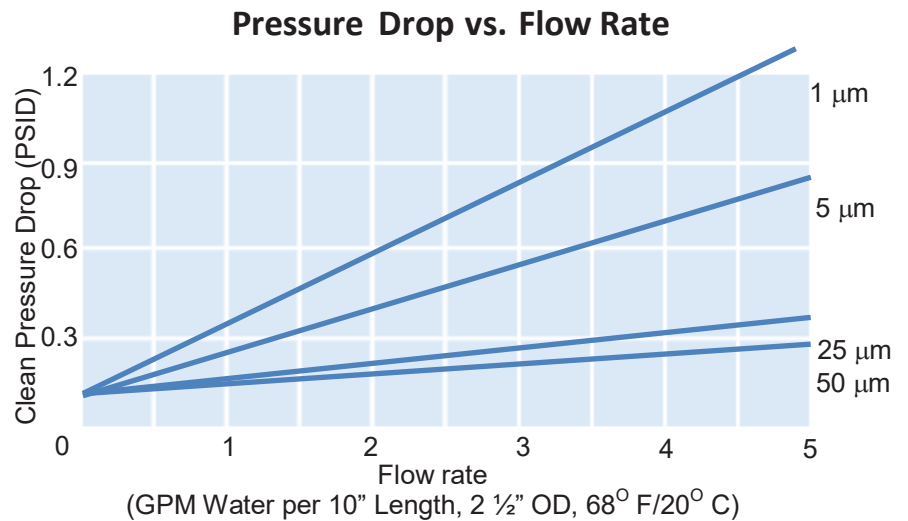
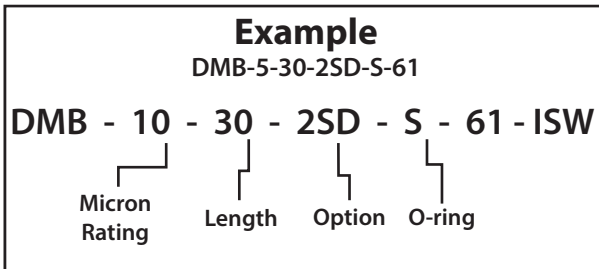
**Recommended Maximum Differential Pressure (DP):**  
35 PSID @ 68° F

**Max Temperature:** 180° F

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



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



## DMB 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	*O-Rings are only available on 222 and 226 options
Contact AJR to inquire about custom materials and configurations		*ISW is standard	GP - DOE, polyethylene gaskets (heat sealed to filter)	<b>Certification:</b> 61- NSF/ANSI 61
			SPR - SOE, with polypro spring	
			SPRE - SOE, with polypro spring and extender	
			ISW - Individually shrink wrapped	
			ISWL - Individually shrink wrapped and labeled	