



Prepure DP™ Graded Density Polypropylene Depth Media Filter Cartridge

- Composed of graded density melt blown polypropylene depth media for high efficiency prefiltration and post-filtration of DI resin applications
- Prepure DP™ filtration cartridges feature high contaminant loading due to graded density depth filtration media construction
- FDA Listed Materials - Manufactured from materials which are listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations
- All components meet the specifications for biological safety as per the USP for Class VI-121 °C plastics (gaskets/O-rings excluded).
- Virgin polypropylene construction with fusion welding minimizes extractables

SPECIFICATIONS

Dimensions

Diameter (OD) 2.6" (6.6 cm)
 Length (in) 9.75, 10, 20, 30, 40

Materials

Cartridge Polypropylene caps, core and cage
 Media Non-woven melt blown polypropylene
 Seals Silicone o-rings and gaskets

Operating Parameters

Maximum Temperature 180°F (82°C) @ 15 psid
 Maximum Differential Pressure @ 20°C 75 psid (5.2 bard)
 Filtration Efficiency Nominal 90%

Recommended Water Flow Rates

0.5 – 5 micron 2.0 gpm/10" length (7.6 lpm/10" length)
 10 – 50 micron 5.0 gpm/10" length (18.9 lpm/10" length)

Sanitizing Agents

Chlorine or hydrogen peroxide

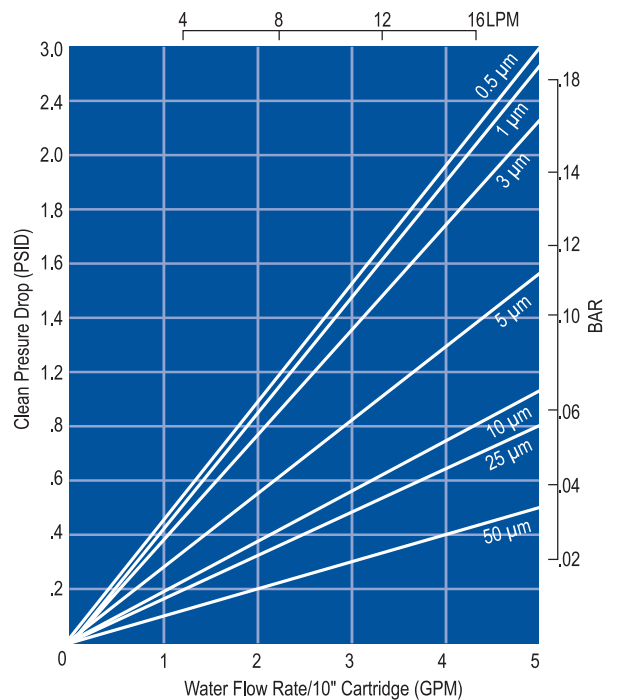
ORDERING INFORMATION

Catalog Number and Description

FCDP	All polypropylene depth filter cartridge
X	Cartridge Code: 0 = 2-222 o-rings 7 = 2-226 o-rings w/spear 1 = single open end w/internal o-ring F = double open end w/flat gasket seal
XX	Length (in): 09 = 9.75, 10 = 10, 20 = 20, 30 = 30, 40 = 40
XX	Micron Rating: S5 = 0.5 μm, 01 = 1 μm, 03 = 3 μm, 05 = 5 μm, 10 = 10 μm, 25 = 25 μm, 50 = 50 μm

To determine your catalog order number, replace the X with one of the numbered or lettered options beside it. Note: Not all part number combinations are available; consult Technical Support for assistance.

FLOW RATE vs. INITIAL CLEAN PRESSURE DROP



Media Grade	Nominal	99.9% Abs
S5	.5	1
1	1	3
3	3	5
5	5	10
10	10	20
25	25	40
50	50	70



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