

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
- Filter meets the criteria for USP Class VI Biological Tests for Plastics, ensuring that no surfactants or coatings interfere with the application, making these ideal for use in the food and beverage industry
- All materials are FDA listed for contact with food and beverages
- Virgin polypropylene construction with fusion welding minimizes extractables



CARTRIDGE SPECIFICATIONS

Dimensions	
Diameter (OD)	2.6" (6.6 cm)
Length/in (cm)	9.75, 10, 20, 30, 40 (24.765, 25.4, 50.8, 76.2, 101.6)
Materials	
Cartridge	Polypropylene caps, core and cage
Media	Non-woven melt blown polypropylene
Seals	Silicone o-rings and gaskets
Operating Parameters	
Maximum Temperature	140°F (60°C) @ 30 psid (2.1 bar)
Maximum Differential Pressure @ 20°C	60 psi (4.1 bar)
Filtration Efficiency	Nominal 90%
Recommended Water Flow Rates	
0.5 - 5 µm	2.0 gpm/10" length (7.6 lpm/10" length)
10 - 50 µm	5.0 gpm/10" length (18.9 lpm/10" length)
Sanitizing Agents	
Chlorine, 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 = double open end w/internal o-rings F = double open end w/flat gasket seal
XX	Length (in): 09 = 9.75, 10 = 10, 20 = 20, 30 = 30, 40 = 40
XX	Micro rating: S5 = 0.5 µm, 01 = 1 µm, 03 = 0.3 µm, 05 = 5 µm, 10 = 10 µm, 25 = 25 µm, 50 = 50 µm

To figure your 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

