

ROGARD™ Graded Density Polypropylene Media Filter Cartridge



- Designed for a variety of prefiltration applications such as SDI (service deionization), reverse osmosis and CDI® (Continuous Deionization) systems
- Graded density melt spun polypropylene media design for exceptional throughput, with high contaminant holding capacity
- Gasketed end caps on 1, 3 and 5 µm rated filters for positive sealing that eliminates bypass contamination
- Manufactured from materials which are listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations. Product in compliance with EU Directive 2002/72/EC for plastic in food contact (in simulants A, B, C, and D).
- All polypropylene components meet the specifications for biological safety as per the USP for Class VI-121 °C plastics (gaskets/O-rings excluded).
- FCRO Series filter cartridges are free of surfactants, anti-static agents, binders, and adhesives
- NSF Certified

SPECIFICATIONS

Dimensions

| | |
|-------------------------|------------------------------------|
| Diameter (OD) | 2.5" (6.5 cm) |
| Length (in) | 9.75, 10, 12, 19.5, 20, 30, 31, 40 |

Materials

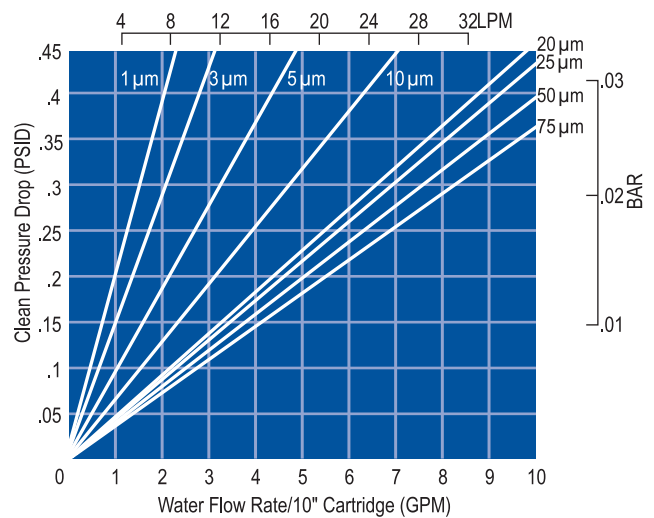
| | |
|-------------------|-----------------------------|
| Media | Melt blown polypropylene |
| Core | Integral polypropylene core |
| O-Rings | Silicone o-rings |
| Gaskets | Santoprene end seals |

Operating Parameters

| | |
|--|-------------------------------------|
| Maximum Temperature | 140°F @ 25 psid |
| Maximum Differential Pressure @ 25°C | 50 psi (3.4 bar) |
| Micron Ratings | 1, 3, 5, 10, 20, 25, 50, 75 microns |
| Filtration Efficiency | Nominal 90% |

Recommended Water Flow Rate 5.0 gpm/10" length (18.9 lpm/10" length)

FLOW RATE vs. INITIAL CLEAN PRESSURE DROP



ORDERING INFORMATION

Catalog Number and Description

| | |
|----------------|--|
| FCRO | Rogard II all polypropylene depth cartridge |
| X | Cartridge Code: F = double open end (1&5 µm w/gasket) K = knife edge seal with spring seal O = 2-222 o-rings (12&20", 1&5 µm only) N = double open end (1, 3 & 5 µm – no gasket) |
| XX | Length (in): 09 = 9.75, 10 = 10, 12 = 12, 19 = 19.5, 20 = 20, 30 = 30, 31 = 31, 40 = 40 |
| XX | Micron Rating: 01 = 1 µm, 03 = 3 µm, 05 = 5 µm, 10 = 10 µm, 20 = 20 µm, 25 = 25 µm, 50 = 50 µm, 75 = 75 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.