

POLYROLLED® DEPTH FILTERS

Rolled polypropylene microfiber for water filtration, protection for RO systems, prefiltration, clarification

POLYROLLED® DEPTH FILTER

POLYPROPYLENE MICROFIBER

PolyRolled® Depth Filters are made of continuously rolled polypropylene microfiber. The graded pore size of the cartridge provides a high retention efficiency. The cartridges also have large filtration area and long life cycle as the result of their multiple-layer polypropylene membrane.

FEATURE	BENEFIT
PR: Nanofiber media with 56 wraps of continuously rolled microfiber	<p>Provides high contaminant hold capacity and high removal efficiency at low pressure drop</p> <p>>99.9% particle retention efficiency at rated pore size</p> <p>56-wrap configuration allows high contaminant removal efficiency while providing an extremely long life time while maintaining high removal efficiency</p>
CRN: Dual layer of wrapped media	<p>Provides oil-absorption effect for final ink composition for items such as resin, solvent, and other additives - CRN provides 2 times higher retention</p> <p>All polypropylene construction provides excellent compatibility with most ink chemistries - CRN provides 3 times longer life</p> <p>Inner polypropylene core increases filter pressure endurance capability</p>
Quality Assurance	Manufactured in a facility which adheres to ISO 9001 Practices, and lot traceable.

SPECIFICATIONS

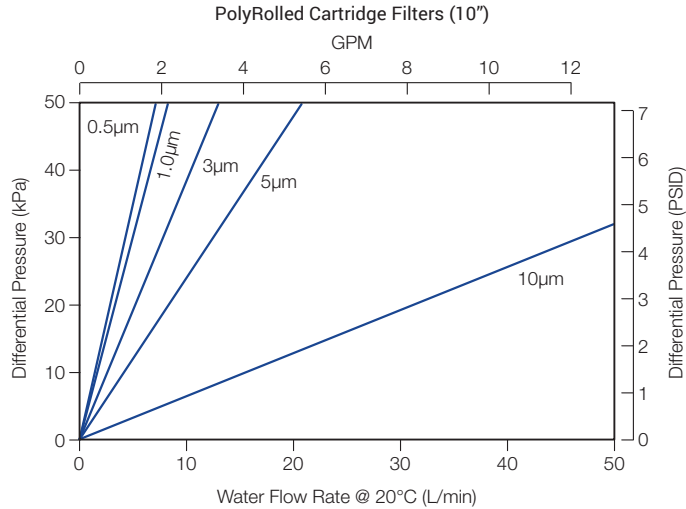
Filter media	Rolled Polypropylene Microfiber (Single & Dual Layer)
Support layer	Polypropylene
Supports/core/cage/end caps	Polypropylene
O-rings	Silicone, EPDM, FKM, FEP/PFA encapsulated FKM
Diameter	68 mm
Max. operating temperature	80°C
Max. differential pressure	0.40 MPa (4.0 bar, 58 psi) at 21°C 0.21 MPa (2.1 bar, 30.5 psi) at 80°C



Typical Applications

- Water
- Protection for RO systems
- Prefiltration for cooling water systems
- Clarification

FLOW RATES



ORDERING INFORMATION

EXAMPLE: **RMF-CRN0300SF10E-P** = Dual Layer Wrapped, 3.0 µm, 226/Fin, 10" length filter with EPDM seals, Pharmaceutical application

RMF-



Media

CRN = Dual Layer Wrapped
PR = Single Layer Wrapped



Removal Rating

CRN:
0100 = 1.0 µm
0300 = 3.0 µm
0500 = 5.0 µm
1000 = 10 µm
2500 = 25 µm
5000 = 50 µm
PR:
0020 = 0.2 µm
0050 = 0.5 µm
0100 = 1.0 µm
0200 = 2.0 µm
0500 = 5.0 µm



End Cap

H = PE Gasket (DOE)
N = No Gasket (DOE)
TC = 222/Flat
TF = 222/Fin
SF = 226/Fin
SC = 226 O-ring/Flat
DOE = Double Open End (Flat Gasket)



Nominal Length

05 = 5"
10 = 10"
20 = 20"
30 = 30"
40 = 40"



Seal Material

S = Silicone
E = EPDM
V = FKM
P = E-FKM (FEP/PFA encapsulated FKM)
_ (blank) = PE or No Gasket (H, N option)



Application

P = Pharmaceutical
C = Chemical



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