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Poly-Mate X Filter Cartridges | Economical, backwashable filtration for critical process applications

Part #: PMX010-30AN-DO



Parker Poly-Mate X Cartridges incorporate a unique combination of polypropylene melt blown and spunbonded media to provide high surface area, finish-free and non-fiber releasing filtration.

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Technical Specifications

Seal Material:	Buna-N	Media:	Polypropylene
Core:	Polypropylene	Filter Construction:	Pleated Depth
Length:	30	Filter Efficiency Rating:	99% at 0.5µm, 1µm, 5µm, 10µm, 30µm, and 60µm pore sizes
End Cap Configuration:	DOE	Outside Diameter:	2 ½ in. (63.5 mm)
Brand:	Parker	Inside Diameter:	1 in. (25.4 mm)
Division:	Bioscience & Water Filtration	Filter Area:	Up to 6.0 ft ² /10 in (0.6m ² /254 mm)
Micron Rating:	1	Cage Material:	Polypropylene
Industry:	Industrial, Food and Beverage, Inks, Paints and Coatings	Optional Seal Material:	Buna-N / EPDM / Silicone / Viton / PFA Encapsulated Viton / Polyethylene foam
Application:	Filtration	Changeout Pressure Differential:	35 psid (2.4 bar)
Technology:	Liquid Filtration	Backwash Flow Rate:	1.5-2 times the process flow rate without exceeding 10 psid (0.7 bar)
Product Type:	Filter Cartridge	Maximum Operating Temperature:	200°F (93°C)
Specifications Met:	FDA CFR Title 21, NSF/ANSI/CAN 61		
Flow Rate:	10 GPM Max. per 10 inch length		
Function:	Clarification/Prefiltration/Polishing		

[Safety Warning](#)

Item Information

Parker Poly-Mate X Cartridges incorporate a unique combination of polypropylene melt blown and spunbonded media to provide high surface area, finish-free and non-fiber releasing filtration. All-polypropylene construction with a robust extruded cage design maximizes chemical resistance to acids, bases, salts, and most organic solvents. Poly-Mate X Pleated Cartridges are available in 0.5µm, 1µm, 5µm, 10µm, 30µm, and 60µm pore sizes.

Benefits

- High efficiency rated for critical process applications (99% at stated micron rating)
- High pleated surface area for extended service life, low pressure drop and high flow capacity

- Glass-filled polypropylene or stainless-steel cores for high temperature and high pressure applications
 - Parker design supports media for backwashable applications to extend filter life and reduce maintenance costs
 - Optional stainless-steel O-ring adapter inserts provide added strength for in situ steam sterilization
 - All materials of construction are FDA listed as acceptable for potable and edible liquid contact according to CFR Title 21
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- Certified NSF/ANSI/CAN 61
 - Conforms to NSF/ANSI 53
 - Continuous length up to 40 inches
 - All thermally welded construction assures product quality and process compatibility
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