

INDUSTRIAL[®] PENTAFLEX[™] SERIES ABSOLUTE PES MEMBRANE CARTRIDGES



Pentaflex Absolute-rated PES Membrane Cartridges are available for general purpose filtration and for the specialized needs of the food and beverage, electronics and high-purity chemical industries.

The Pentaflex Absolute-rated PES Membrane Cartridges combine polypropylene with polyethersulfone. The endcaps, center cores and outer support cages are constructed of polypropylene for increased durability.

FEATURES/BENEFITS

Highly asymmetric PES membrane for full particle retention

0.1 to 0.8 Absolute micron ratings available in 10", 20", 30" and 40" (25, 51, 762 and 1016 mm) lengths with a nominal outside diameter of 2.75" (70 mm)

Polypropylene center core and outer support cage for increased durability

Electronics Grade cartridges are 18 megohm flushed and individually tested

Electronics and General Grade cartridges contain approximately 30% more surface area than the Water Grade

High flow rates

FDA-listed materials

APPLICATIONS

Chemicals

Deionized Water Systems

Electronics

Food and Beverage

General Use Water

Industrial

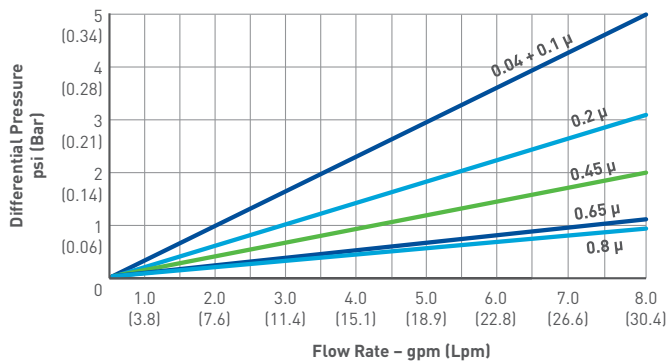
Post-filter for RO Systems

SPECIFICATIONS

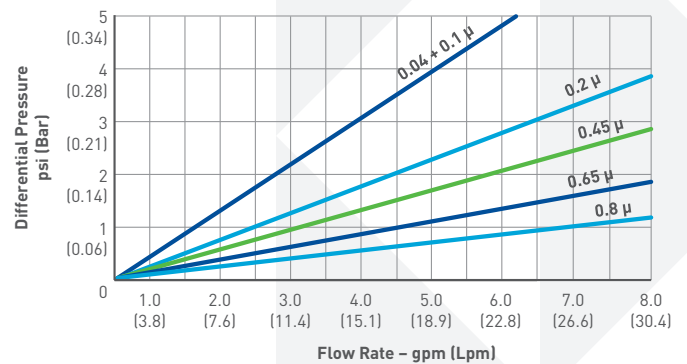
Filter Media	Polypropylene/ Polyethersulfone
Endcaps & Supports	Polypropylene
Max. Temp. Rating	176 °F (80 °C)
Max. Differential Pressure	50 PSID (3.4 bar) forward, 40 PSID (2.8 bar) reverse

PRESSURE DROP VS FLOW RATE

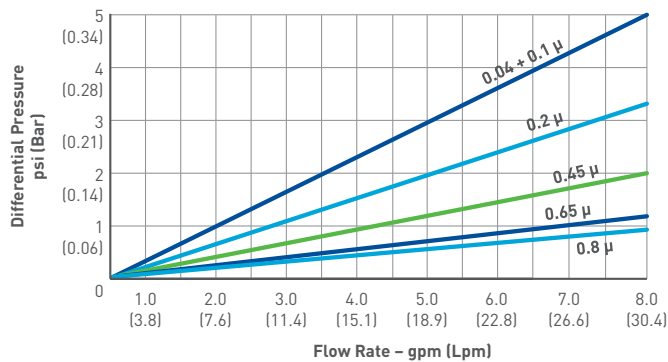
GENERAL GRADE



WATER GRADE



ELECTRONICS GRADE



CASE QUANTITY

6 per case

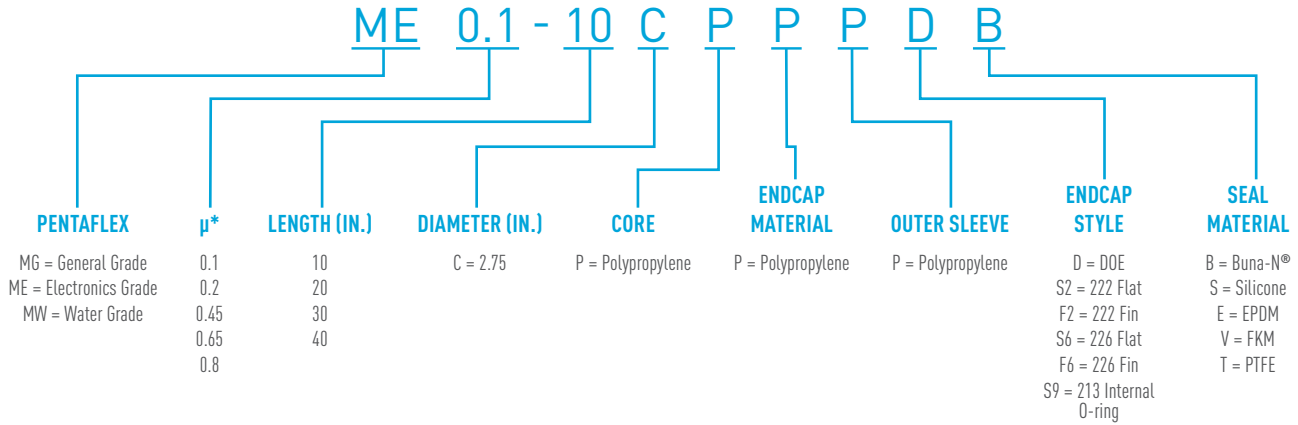
Flow rate is per single 10" water-grade element. For other liquids, multiply the ΔP by the fluid's viscosity in centipoise. For longer cartridges, divide the ΔP by the number of 10" equivalents.

ORDERING INFORMATION

To create your ordering part number, use the part number configurator below.
 Custom configurations available. Please contact customer service.

EXAMPLE: ME0.1-10CPPDB

Pentaflex™ Electronics Grade Filter Cartridge (ME)
 0.1-absolute micron rating (0.1), 10" length (10), 2.75" diameter (C), Polypropylene core (P)
 Polypropylene endcaps (P), Polypropylene sleeve (P), Double-open-ended (D), Buna-N® seal (B)



* absolute



FILTRATION & PROCESS

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