GE
Water & Process Technologies

Fact Sheet

XPleat* Filters

Depth Filters with Polyethersulfone (PES) Membrane



Figure 1: Xpleat PES Filters

Typical Applications

- For general water services
- For fine process fluid filtration
- For processes that require excellent flow rates

General Properties

XPleat filters are available the following absolute pore size micron ratings: 0.1, 0.2, 0.45 and 0.65 µm. Tables 1, 2, 3 and 4 show further details on materials of construction, dimensions, operational limits and flow performance.

Table 1: Materials of Construction

Filter Media	Polyethersulfone Membrane
Media Support	Polypropylene Microfiber
Components	Polypropylene
Sealing	Thermal Bonding
O-Rings/Gaskets	Silicone, Buna, Viton[1], EPDM

Table 2: Dimensions

Outside Diameter	2.75" (70 mm)
Inside Diameter	1.25" (31 mm)
Effective Filtration Area	9.0ft^2 (0.84 m^2)
Lengths	10, 20, 30, 40 inches (25.4, 50.8, 76.2, 101 cm)

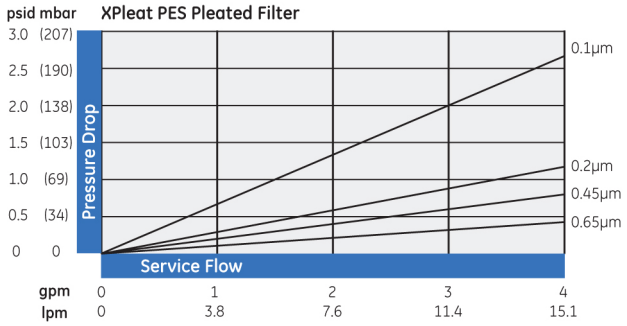
Table 3: Operational Limits

Maximum Forward Differential Pressure	60 psi (4.14 bar)
Maximum Reverse Differential Pressure	30 psi (2.07 bar)
Maximum Operating Temperature	180°F (82°C) at 10 psid (0.69 bar) in water

Chemical Compatibility

GE Water & Process Technologies filter cartridges are designed and manufactured for resistance to a wide range of chemical solutions. Conditions will vary with each application and users should carefully verify chemical compatibility. Please contact your GE distributor for more information.

Table 4: Flow Performance in Clean Water[1]



[1] Data based on 10" length filter

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Table 5: Ordering Information

Product Name	Membrane/ Media	Absolute Micron Rating	Length Inches (cm)	End #1 Adapter	End #2 Adapter	Elastomer Material
XPLT	PES	0.1 µm 0.2 µm 0.45 µm 0.65 µm	10 (25.4) 20 (50.8) 30 (76.2) 40 (101.6)	OEG[3] 120 213[4] 222 226	OEG 120 213 FIN FLT	B = Buna-N E = EPDM S = Silicone V = Viton
Example: XPLT-PES-0.2-10-222-FIN-E						

[2] Viton is a registered trademark of DuPont.
[3] OEG-Open End Gasket
[4] 213-FLT for use with 10" Ametek Housings

XPleat is available in case quantities only.
XPleat part numbers reflect case quantities of six (6).
Viton Gaskets available for additional charge

ISO 9001 registered