

XPleat* GF filters

glass microfiber nominal and absolute



figure 1: XPleat GF filters

typical applications

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

general properties

XPleat GF filters are available in nominal and absolute micron ratings (Figure 1). The nominal micron ratings are: 0.2, 0.45, 1.0, 3.0 and 10.0 μm . The absolute micron ratings are 1.0, 2.0, 4.0, 8.0 and 15.0 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	Glass Microfiber
Media Support	Polyester
Components	Polypropylene
Sealing	Thermal Bonding
O-Rings/Gaskets	Silicone, Buna, Viton, EPDM

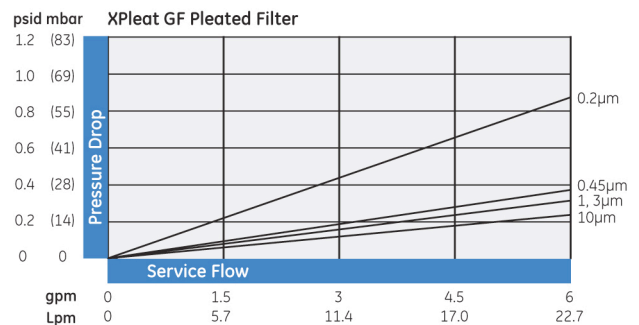
table 2: dimensions (nominal)

Outside Diameter	2.75" (70mm)
Inside Diameter	1.25" (31 mm)
Effective Filtration Area	3.4 ft ² (0.32 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 psid (4.14 bar)
Maximum Reverse Differential Pressure	30 psid (2.07 bar)
Maximum Operating Temperature	180°F (82°C) at 10 psi (0.69 bar) in water

table 4: flow performance in clean water¹



¹data based on 10" length filter

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additional information

- SUEZ Water Technologies & Solutions 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 SUEZ distributor for more information.
- Table 5 provides ordering information on the XPLEat GF filters.

table 5: ordering information

Product Name	Membrane/Media	Nominal (Absolute) Micron Rating	Length Inches (cm)	End #1 Adapter	End #2 Adapter	Elastomer Material
XPLT	GF	0.2 µm (1.0)	10 (25.4)	OEG ³	OEG	B = Buna-N E = EPDM S = Silicone V = Viton
		0.45 µm (2.0)	20 (50.8)	213 ⁴	213	
		1.0 µm (4.0)	30 (76.2)	222	FIN	
		3.0 µm (8.0)	40 (101.6)	226	FLT	
		10.0 µm (15.0)				
Example: XPLT-GF-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

