

XPleat GF-T Filters*

FACT SHEET

Glass microfiber nominal and absolute



Figure 1: XPleat GF-T Filters

Typical Applications

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

General Properties

XPleat GF-T 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	Polyester
Sealing	Thermal Bonding

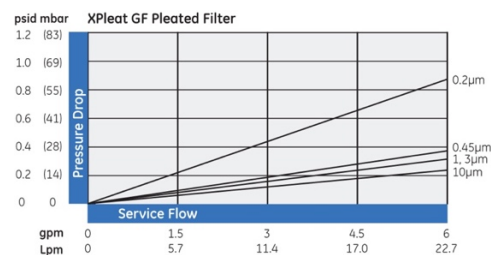
Table 2: Dimensions (nominal)

Outside Diameter	2.75" (70 mm)
Inside Diameter	1.25" (31 mm)
Effective Filtration Area	3.4 ft ² (1.32 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

Additional Information

- Veolia 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 Veolia distributor for more information.
- Table 5 provides ordering information on the XPleat GF-T 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-T	GF	0.2 µm (1.0)	10 (25.4)	OEG ²	OEG	B = Buna-N
		0.45 µm (2.0)	20 (50.8)	213 ³	213	E = EPDM
		1.0 µm (4.0)	30 (76.2)	222	FIN	S = Silicone
		3.0 µm (8.0)	40 (101.6)	226	FLT	V = Viton ⁴
		10.0 µm (15.0)				
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Example: XPLT-T-GF-0.2-10-222-FIN-E </div>						

²OEG = Open End Gasket

³213-FLT for use with 10" Ametek Housings

⁴Viton (registered trademark of DuPont)

Xpleat is available in case quantities only. Xpleat part numbers reflect case quantities of six (6).

Viton gaskets available for additional charge.