

XPleat* GF Filters

FACT SHEET

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

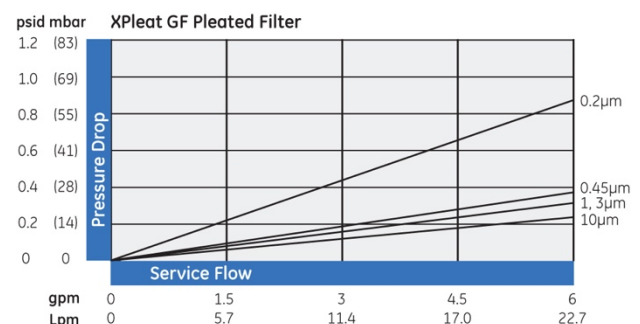
Table 2: Dimensions (Nominal)

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

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 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) 0.45 µm (2.0) 1.0 µm (4.0) 3.0 µm (8.0) 10.0 µm (15.0)	10 (25.4) 20 (50.8) 30 (76.2) 40 (101.6)	OEG ³ 2134 222 226	OEG 213 FIN FLT	B = Buna-N E = EPDM S = Silicone V = Viton
Example: XPLT-GF-0.2-10-222-FIN-E						

²Viton (Trademark of Dupont)

³OEG-Open End Gasket

⁴213-FLT for use with 10" Ametek Housing

XPleat is available in case quantities only.

XPleat part numbers reflect case quantities of six (6).

Viton Gaskets available for additional charge.



info@lenntech.com Tel. +31-152-610-900

www.lenntech.com Fax. +31-152-616-289