

XPLEat GF-T Filters*

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 |

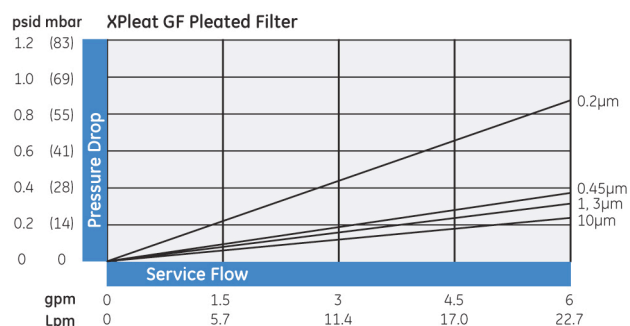
Table 2: Dimensions (nominal)

| | |
|----------------------------------|---|
| 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



¹ Data based on 10" length filter

additional information

- SUEZ 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.

Find a contact near you by visiting www.suezwatertechnologies.com and clicking on "Contact Us."

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- 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) | | | | |
| Example: XPLT-T-GF-0.2-10-222-FIN-E | | | | | | |

¹OEG = Open End Gasket

²213-FLT for use with 10" Ametek Housings

³Viton is a 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.