The PLEATFLOW range of filter cartridges offer the ideal solution for pre and final filtration of a wide variety of process liquids and gases, giving long service life at minimal cost. PLEATFLOW filter’s offer an absolute rated, cost effective, high surface area pleated process filters.

PLEATFLOW is manufactured utilising graded density media, and is available in a variety of materials, making the filter suitable for use in a wide range of process applications.

The 100% polypropylene hardware construction of the filter cartridges ensures minimum extractable levels with a range of industrial solvents and gases, and guaranteed integrity when used in physically demanding applications.

Features and Benefits
- Absolute rating from 1.0 to 75 microns
- Endcaps available to retrofit all standard industry housings
- Available in 4” to 40” formats
- Minimum extractable with Industrial solvents and gases

Effective Filtration Area
- Polyester up to 0.48 m² (5.2 ft²) per 250 mm (10" module)
- Glass fibre up to 0.57 m² (6.2 ft²) per 250 mm (10" module)

Effective Filtration Area
- Polypropylene up to 0.55 m² (5.9 ft²) per 250 mm (10" module)

Recommended Operating Conditions
- Maximum Temperature: 65°C (149°F)
- Maximum Differential Pressure: 4 barg (58 psid)
- Recommended Changeout Pressure: 2.5 barg (36 psid)

Materials of Construction
- Polyester
- Glass Fibre / Polyester
- Cellulose
- Stainless Steel
- Stainless Steel / Glass Poly (Polypropylene)
- Polytetrafluoroethylene
- EPDM
- Nitrile
- Viton
- Polypropylene
- Silicone
- Stainless Steel / Nylon
- Entrained Polypropylene / Polyester
- Standard o-rings / Gaskets

Recommended Changeout Pressure
- Maximum Differential Pressure: 4 barg (58 psid)
- Recommended Changeout Pressure: 2.5 barg (36 psid)

Applications
- Re-circulating liquids
- Reactant grade chemicals
- Make-up and wash waters
- Membrane pretreatment
- Gas and acids
- Alcohol
- Solvents
- Catalyst recovery

Effective Filtration Area
- Polyester up to 0.48 m² (5.2 ft²) per 250 mm (10" module)
- Glass Fibre up to 0.57 m² (6.2 ft²) per 250 mm (10" module)
- Polypropylene up to 0.55 m² (5.9 ft²) per 250 mm (10" module)

Performance Characteristics

Flow (L/min) for liquid @ 20 °C

Pressure Loss/Flow for PLEATFLOW GF

G

Code | Micron | Code | Micron | Code | Micron
--- | --- | --- | --- | --- | ---
12 | 1 | 13 | 3 | 14 | 5
13 | 5 | 14 | 7 | 15 | 10
14 | 10 | 15 | 15 | 16 | 25
15 | 25 | 16 | 50 | 17 | 75
16 | 75 | 17 | 100

Cartridge lengths are measured over end cap shoulders. For DOE type cartridge lengths are measured over gaskets. Standard elements have diameter 2.7” (68mm)

Other dimensions available on request.