TEXFLOW Filters

- liquid filters
- wound depth filters

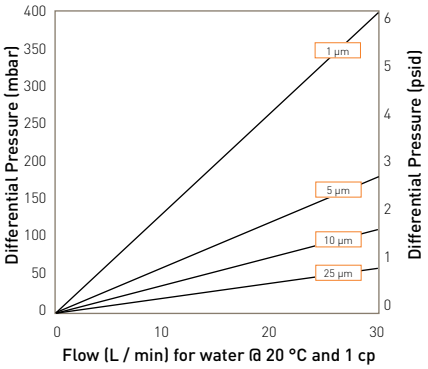
TEXFLOW precision wound depth filter cartridges are manufactured to provide considerable dirt holding capacity coupled with high flow rates and low pressure loss. TEXFLOW elements consist of a perforated support core of plastic or metal onto which yarn is wound at a pre-set rate, providing each rating of element with its own distinctive winding pattern and performance.

Polypropylene, polyester and nylon fibres offer a range of temperature resistance and chemical compatibility characteristics. For very high temperatures and for very strong oxidizing agents, baked glass fibre elements are used. Glass fibre elements are fitted with voiles and stainless steel cores as standard, other cartridges can also be fitted with voiles where necessary.

Features and Benefits

- Protection of absolute filters
- High dirt holding capacity
- Wide chemical compatibility
- Filter ratings from 1 to 100 microns

Performance Characteristics



10" Size (248 mm) Cartridge

Specifications

Materials of Construction

- Filtration Media: (Various yarns)
  - Polyester
  - Polypropylene
  - Glass Fibre
  - Washed Polypropylene
  - Nylon
- Inner Support Core:
  - Polyester
  - Polypropylene
  - 316 Stainless Steel

Recommended Operating Conditions

Maximum Temperature
with stainless core:

- Polypropylene : 93 °C (199 °F)
- Polyester : 121 °C (250 °F)
- Glass Fibre : 399 °C (750 °F)

with polypropylene core:

- Polypropylene : 60 °C (140 °F)
- Polyester : 60 °C (140 °F)

Maximum Operating Pressure

4 barg (58 psi)

Recommended Changeout Pressure

2 barg (29 psi)

Ordering Information

Cartridges

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Code	Length (Nominal)
04	4" (100 mm)
05	5" (125 mm)
06	6" (160 mm)
09	9.75" (248 mm)
10	9.875" (251 mm)
11	10" (254 mm)
19	19.75" (500 mm)
20	20" (508 mm)
29	29.50" (750 mm)
30	30" (762 mm)
39	39.25" (1000 mm)
40	40" (1016 mm)

Code	Micron
01	1 µm
05	5 µm
10	10 µm
20	20 µm
50	50 µm
75	75 µm
99	100 µm

Code	Yarn
01	Polyester
02	Polypropylene
06	Glass Fibre
07	Nylon
09	Washed Polypropylene

Code	Core Type
1	Polyester
2	Polypropylene
5	316 Stainless Steel

Code	Diameter
1	62 mm
2	50 mm
6	100 mm

Code	End Fitting
0	DOE
2	Flat / 226
3	Flat / 222
7	Fin / 226
8	Fin / 222
9	213

As with any addition to a process system, it is important to flush through new filter cartridges before running 'on line'. Standard polypropylene cartridges contain traces of an FDA Glycol Ester Spin Finish which can cause 'foaming' when new. Where this may be a problem, washed polypropylene elements are recommended.

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