



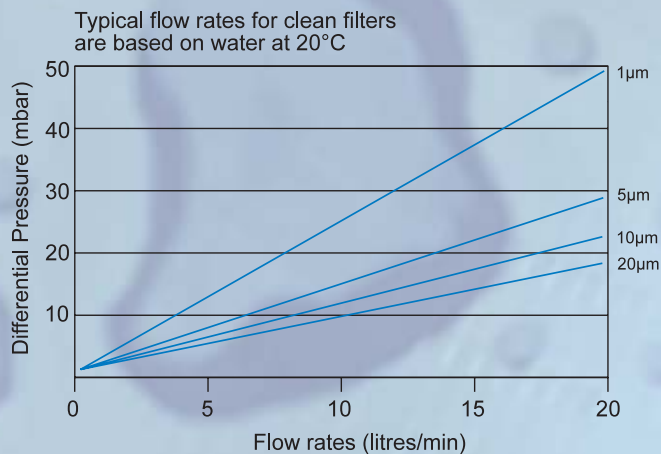
Tekfil Polypropylene Depth Filter Cartridges

Introduction

Tekfil is a high flow, polypropylene depth filter with high contaminant capacity for long life. Constructed from FDA approved polypropylene with excellent performance characteristics, it is a superior choice for a wide range of applications. Tekfil is available in a range of industrial standard lengths as either absolute or nominal rated cartridges.

Technical Data - Nominal Rated Cartridges

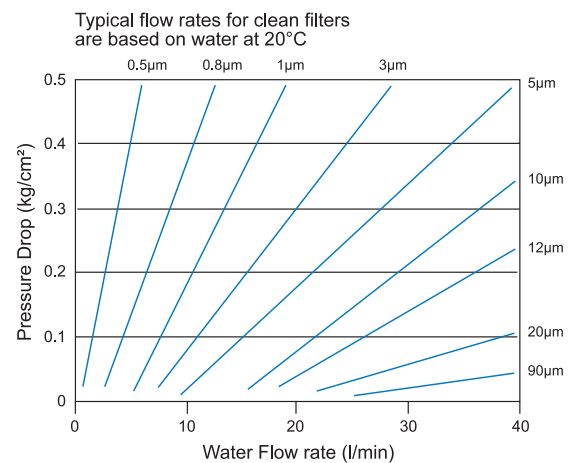
- Nominal micron ratings of 1, 3, 5, 10, 20, 30, 50 and 75micron
- 100% pure polypropylene media and core
- Maximum operating temperature 80°C (176°F)
- Outside diameter 62mm, bore diameter 25mm
- Standard industrial lengths up to 1016mm (40")
- Crush fit sealing
- Typical changeout differential pressure is 1.72barg (25psi)
- Contains no resin binders, solvent, wetting or antistatic agents
- Approved for use in contact with food stuffs to both FDA and EEC directive 90/128/EEC (1990) Section A standards



Technical Data -

Absolute Rated Cartridges

- Absolute micron ratings of 0.5, 0.8, 1, 2, 3, 5, 7, 10, 12, 15, 17, 20, 30, 40, 50, 70, 90, 120 and 150 microns to Beta 5000 (99.98% efficiency)
- 100% pure polypropylene media and core
- Maximum operating temperature 80°C (176°F)
- Outside diameter 62mm, bore diameter 25mm
- Standard industrial lengths up to 1016mm (40")
- Seal type: soft polyethylene end caps
- Typical changeout differential pressure is 1.72barg (25psi)
- Contains no resin binders, solvent, wetting or antistatic agents
- Approved for use in contact with foodstuffs to both FDA and EEC directive 90/128/EEC (1990) Section A standards



Features and Benefits

- Consistent performance and efficiency
- Supported core for overall cartridge strength
- High dirt holding capacity
- Low pressure drops
- Continuous one piece construction up to 1016mm (40")
- Longer life gives reduced filtration costs
- Wide chemical compatibility
- Thermal bonded structure stops media migration
- 100% pure FDA approved polypropylene used throughout
- Complements the Microfiltrex absolute rated range of pleated/depth (Klearfil) and pleated (Polyfil) filters

Applications

Food and Beverage	Process water, Polishing lines, Clarification
Pharmaceuticals	Prefiltration, Clarification
Fine Chemicals	Solvents, Process streams, Water purification
Electronics	High purity water for semiconductor production
Magnetic Coatings	Dispersions, Coating lines, Solvents
Petrochemicals	Waterflood, Completion fluid, Amine streams
Photographic	Chemicals, Emulsions, Process water
Metal Finishing	Electroplating, Paint and Resin production
Water Treatment	Pre-R.O., Resin traps, Potable water
Cosmetics	Product filling, Water lines, Batch filtration

Ordering Information

The Microfiltrex Tekfil can be ordered using the following codes

T	A	05	S	1	M	B
Tekfil	Absolute	Micron Rating	Standard	Cartridge Length	Adapter	Seal
	(N = Nominal)	05 = 5 micron		(Nominal) 1 = 250mm (10")	(See Guide) M = DOE	(See Guide) B = Silicone



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Freedom from patent restrictions must not be assumed.

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