

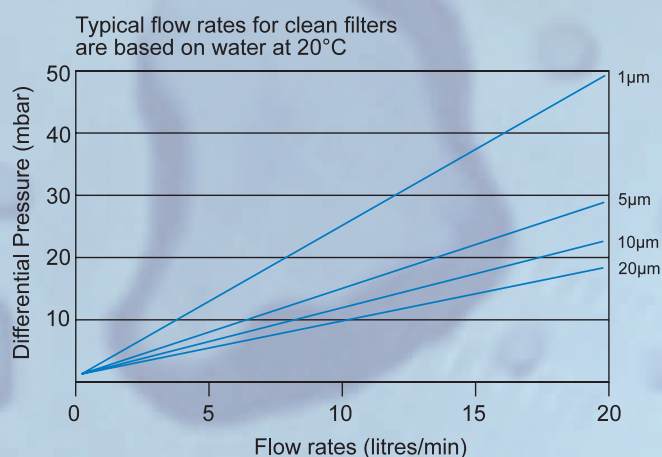


Introduction

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

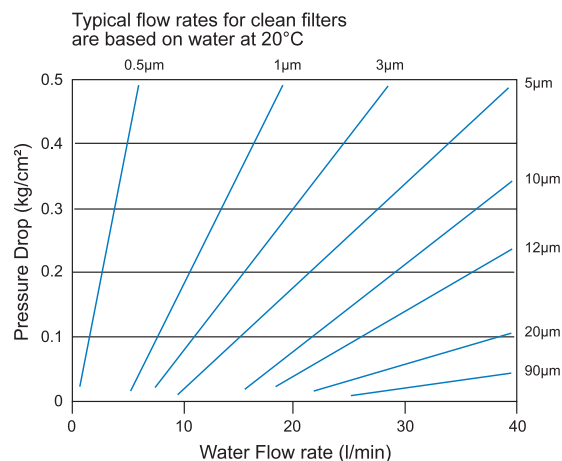
- Nominal micron ratings of 1, 3, 5, 10, 20, 30, 50 and 75micron
- 100% pure polypropylene media
- Maximum operating temperature 80°C (176°F)
- Outside diameter 62mm, bore diameter 25mm
- Standard industrial lengths up to 1016mm (40")
- Crush fit sealing
- Typical changeout differential pressure is 1.72barg (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



Tekfil Polypropylene Depth Filter Cartridges

Technical Data - Absolute Rated Cartridges

- Absolute micron ratings of 0.5, 1, 3, 5, 7, 10, 12, 15, 20, 30, 40, 50, 70, 90 and 120 microns to Beta 5000 (99.98% efficiency)
- 100% pure polypropylene media
- Maximum operating temperature 80°C (176°F)
- Outside diameter 62mm, bore diameter 25mm
- Standard industrial lengths up to 1016mm (40")
- Seal type: crushfit
- 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
- 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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*The company reserves the right to change specifications without notice.
Freedom from patent restrictions must not be assumed.*