

## Filtrafine Superior-Fine Series Filter Cartridges

*100% Polypropylene Melt Blown Cartridges with a Fixed Pore Structure That Deliver High Dirt Holding Capacity and Consistent Performance*

- Graded Pore Structure Increases Dirt Holding Capacity and Filtration Efficiency
- Proprietary Inter-Zone Bonding Process Provides a Rigid Filtration Structure That does not Compress as the Differential Pressure Increases
- High Purity Material Allows Optimization of the Filtration Media for Longer Life and Higher Efficiencies
- Easy and Safe Cartridge Disposal via Incineration, Shredding or Compaction
- 100% Polypropylene Construction – Non-Fiber Releasing Matrix
- Cartridges are Free of Surfactants, Binders, Anti-static Agents and Adhesives
- Materials are FDA Listed for Food and Beverage Contact
- Materials are NSF Certified



### Product Specifications

#### Materials of Construction:

- |                    |                               |
|--------------------|-------------------------------|
| • Filter Media:    | Melt Blown Polypropylene      |
| • End Caps:        | Polypropylene                 |
| • Extended Core:   | Polypropylene                 |
| • Gaskets/O-Rings: | Silicone, Buna-N, Viton, EPDM |

#### Dimensions:

- |                     |                               |
|---------------------|-------------------------------|
| • Outside Diameter: | 2.5" (63mm)                   |
| • Inside Diameter:  | 1.1" (28mm)                   |
| • Lengths:          | 4" to 50" (101.6mm to 1270mm) |

### Performance Specifications

- |                     |                                    |
|---------------------|------------------------------------|
| • Retention Rating: | 1, 3, 5, 10, 20, 30, 50, 75, 100µm |
|---------------------|------------------------------------|

#### Operating Conditions:

- |   |                   |
|---|-------------------|
| • Maximum Operating Temperature:                | 158°F (70°C)      |
| • Recommended Change Out Differential Pressure: | 35 psid (2.4 bar) |

#### FDA Listed Materials:

All Materials Meet U.S. Food and Drug Administered Requirements for Food and Beverage Contact (CFR 177.1500)

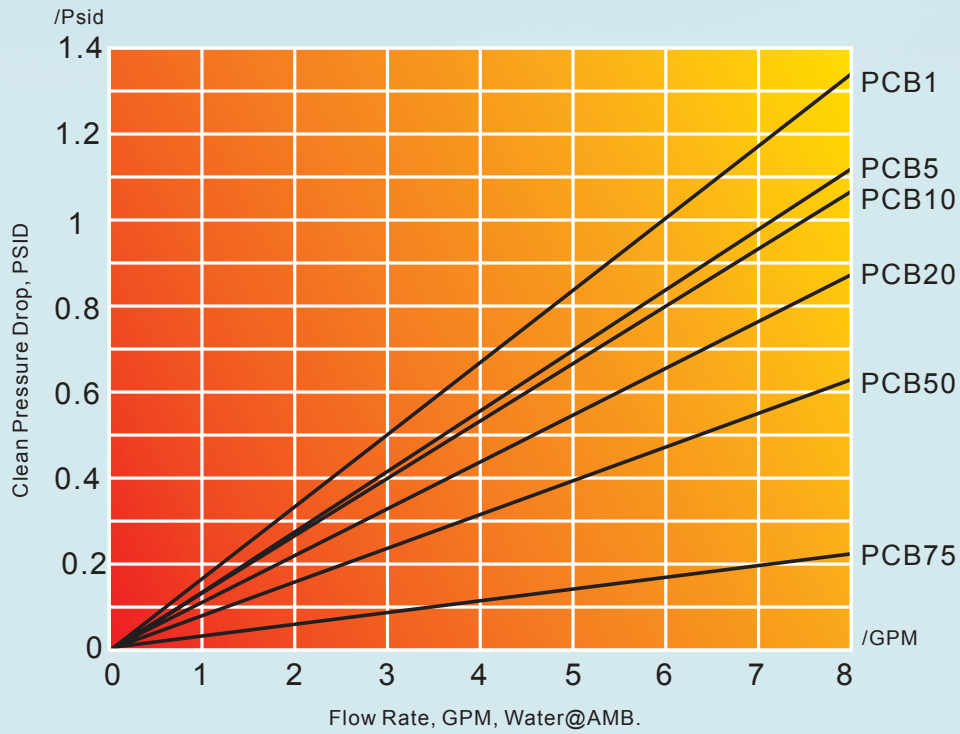
#### Toxicity:

All Cartridge Components Meet USP-XXIII, Class V Criteria

#### Purity:

All Filter Cartridges are Free of Surfactants, Anti-static Agents, Binders and Adhesives

## Liquid Flow Rate vs. Initial Differential Pressure



Flow rate is per 10" cartridge. For liquids other than water, multiply the pressure drop by the fluid viscosity in centipoises

## Ordering Information

PCB Product Name	5-Retention Rating	20 Cartridge Length	P-Core Material	3 End Configurations	E O-ring Materials
Superior-Fine	1, 3, 5, 10, 20, 30, 50, 75, 100µm	4", 9.87", 10", 19.5", 20", 29.5", 30", 39.5", 40", 50"	NONE	DOE = No Symbol 3 = SOE with 222 O-rings, Flat Closed End 8 = SOE with 222 O-rings, Fin End 7 = SOE with 226 O-rings, Fin End PE = PE Gaskets	N = Buna-N E = EPDM V = Viton S = Silicone