



## Puris-Fine Series Filter Cartridges

*High Purity Polypropylene Melt Blown Cartridge can be Used in a Wide Range of Applications*

- Graded Pore Structure Enhances Dirt Holding Capacity and Filtration Efficiency
- Easy and Safe Cartridge Incineration or Disposal
- 100% Polypropylene Construction
- Cartridges are Free of Surfactants, Binders and Adhesives
- Cartridges 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 Ratings: 0.5, 1, 3, 5, 10, 20, 30, 50, 75µm

#### *Maximum Differential Pressure:*

- 50 psid (3.45 bar) @ ambient
- 25 psid (1.72 bar) @ 140°F (60°C)

#### *Recommended Change Out Differential Pressure:*

- 35 psid (2.4 bar)

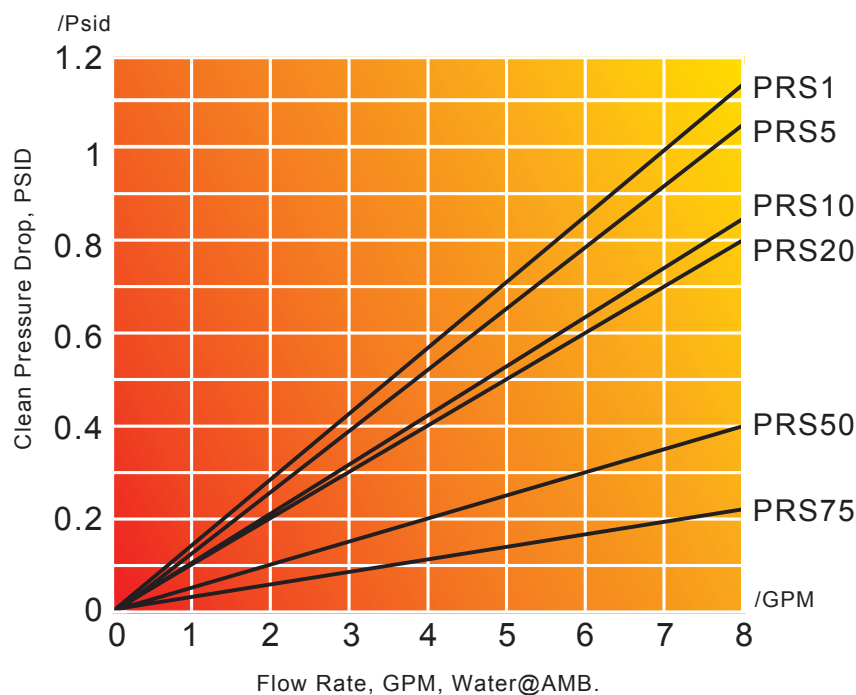
#### *FDA Listed Materials:*

Manufactured from Materials Which are FDA Listed for Food Contact Applications in Title 21 of the U.S. Code of Federal Regulations

#### *Purity:*

All Puris-Fine 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

PRS Product Name	5-Retention Rating	20-Cartridge Length	3 End Configurations	E O-ring Materials
Puris-Fine	0.5, 1, 3, 5, 10, 20, 30, 50, 75µm	4", 9.87", 10", 19.5", 20", 29.5", 30", 39.5", 40", 50"	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 FS = Filtrafine Spring	N = Buna-N E = EPDM V = Viton S = Silicone