

## Filtersource POLY-ADCT Series Filter Cartridges

*Advanced Polypropylene Melt Blown Filter Cartridges with Polypropylene Core for Demanding Applications*

- Retention Ratings from 0.5um to 75um
- Graded Pore Structure Increases Dirt Holding Capacity and Filtration Efficiency
- Proprietary Center Core for Greater Mechanical Strength
- Easy and Safe Cartridge Incineration or Disposal -100% Polypropylene Construction
- Free of Surfactants, Binders, Anti-static Agents and Adhesives
- All Materials are FDA Listed for Food and Beverage Contact
- Double Open End and Single Open End Cartridge Configurations Available



### Product Specifications

#### *Materials of Construction:*

- |                    |                                |
|--------------------|--------------------------------|
| • Filter Media:    | Polypropylene                  |
| • Center Core:     | 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:          | 4.0" to 50" (101.6mm to 1270mm) |

### Performance Specifications

- |                          |                                    |
|--------------------------|------------------------------------|
| • 90% Retention Ratings: | 0.5, 1, 3, 5, 10, 20, 30, 50, 75µm |
|--------------------------|------------------------------------|

#### *Operating Conditions:*

- |   |                   |
|---|-------------------|
| • Maximum Operating Temperature:                | 185°F (85°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)

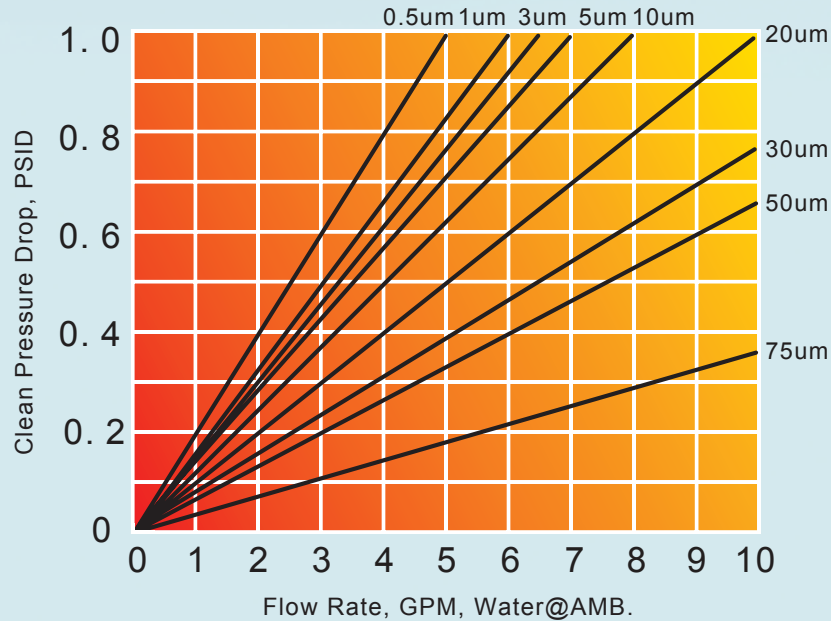
#### *Toxicity:*

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

PAT Product Name	5-Retention Rating	20 Cartridge Length	P-Core Material	3 End Configurations	E O-ring Materials
POLY-ADCT	0.5, 1, 3, 5, 10, 20, 30, 50, 75µm	4", 9.87", 10", 19.5", 20", 29.5", 30", 39.5", 40", 50"	P = PP	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