

POLY-ADCT Series Filter Cartridges



Product Introduction



POLY-ADCT series is developed with graded pore structure, which provides high dirt holding capacity and filtration efficiency. It has an excellent advantage of non-fiber releasing, which indeed delivers superior performance. In addition, each POLY-ADCT series cartridge has a polypropylene center core which enhances mechanical strength to the cartridge. This series is commonly used in food and beverage industry.

- Materials are FDA graded
- Manufactured under a certified ISO 9001 quality system
- NSF certified

Product Specifications

Materials of Construction

- Filter Media: Advanced Melt Blown Polypropylene
- Center Core: Polypropylene
- End Caps: Polypropylene
- Gaskets/O-rings: PE Gaskets, Silicone, Buna-N, EPDM, Viton

Dimensions

- Outside Diameter: 2.5" (63mm)
- Inside Diameter: 1.1" (28mm)
- Lengths: 10", 20", 30", 40", 50"

Performance Specifications

Retention Ratings

0.5, 1, 3, 5, 10, 20, 30, 50, 75, 100 μm

Operating Conditions

- Maximum Operating Temperature: 167°F (75°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

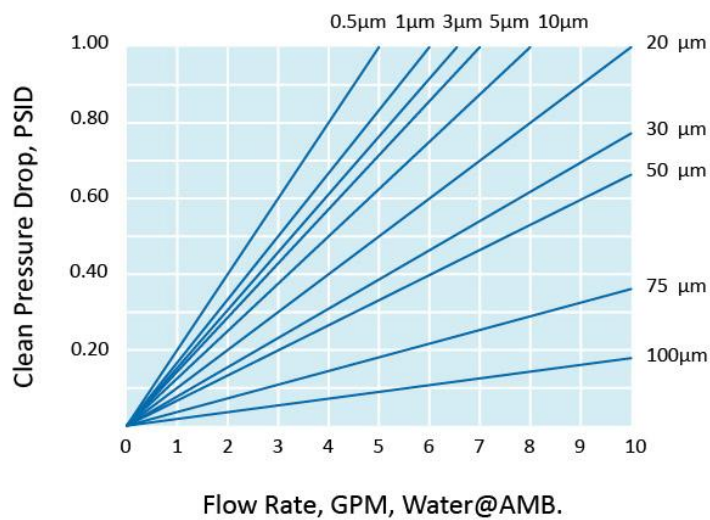
All POLY-ADCT series filter cartridges are free of surfactants, anti-static agents, binders and adhesives.



Toxicity

All cartridge components meet USP-XXIII, Class V Criteria.

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	5-	20	P-	3	E
Product Name	Retention Rating	Cartridge Length	Core Material	End Configuration	Gasket/O-ring Material
PAT	0.5, 1, 3, 5, 10, 20, 30, 50, 75, 100 µm	10" 20" 30" 40" 50"	P=PP	PE=PE Gaskets No Symbol=DOE Code 3=222 / Flat Code 8=222 / Fin Code 7=226 / Fin, Bayonet	N=Buna-N E=EPDM V=Viton S=Silicone