



AQUA-TEC

Pleated Polyethersulfone Cartridge Filters

- Pleated Polyethersulfone Cartridges
- Absolute Rated



Pleated Polyethersulfone Cartridges
Absolute Rated

SUITABLE USES



Air & Gas



Desalination



Coolant



Water



Electronics



Coatings



Food & Beverage



Oil & Gas



Chemical



Pulp & Paper



Power



Marine



Equipment

ADDITIONAL FEATURES

Pleated 2.7" OD element with exceptional dirt holding capabilities.

Effective absolute rated filtration with available micron ratings from 0.05µm to 0.65µm.

Low pressure drop.

100% thermal bonded construction free of adhesives.

Elements fit most industry standard housings.

Meet USP specifications for Class VI for plastics and are FDA compliant for food and beverage contact.

For more information, please contact
info@fil-trek.com or visit Fil-Trek.com

- Pleated Polyethersulfone Cartridges
- Absolute Rated



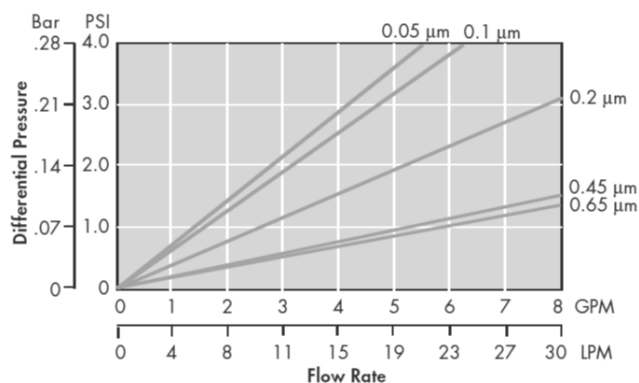
STANDARD SPECIFICATIONS

MAXIMUM OPERATING TEMPERATURE	180 °F (82 °C) @ 20 PSID (1.38 bar)
MAXIMUM DIFFERENTIAL PRESSURE	60 PSID (4.14 bar) @ 80 °F (27 °C) 30 PSID (2.07 bar) @ 160 °F (71 °C) 15 PSID (1.03 bar) @ 200 °F (93 °C)
RECOMMENDED CHANGE OUT PRESSURE	35 PSID (2.4 bar)
DIMENSIONS	
Outside Diameter	2.7" (6.9 cm)
Inside Diameter	1.1" (2.79 cm)
Available Lengths	9.75", 10", 20", 30", 40" (24.7 cm, 25.4 cm, 50.8 cm, 76.2cm, 101.6 cm)
Surface Area Per 10"	6 ft ² (0.56 m ²)

MATERIALS OF CONSTRUCTION

Media	Asymmetric polyethersulfone
Inner Core Caps, End Caps, Cage	Polypropylene
Support Layers	Spunbonded Polypropylene
Gaskets / O-Rings	Buna-N EPDM Silicone Viton Teflon encap. Viton (O-rings only)
Micron Ratings	0.05, 0.1, 0.2, 0.45, 0.65

FLOW CHART



PRODUCT NOMENCLATURE

AT	0.45	20	E4	VI	-
AQUA-TEC SERIES	MICRON	LENGTH	END CAP	O-RING/GASKET	OTHER
	0.05	9.75	E2 - DOE w / Gaskets	BN - Buna-N	R - Factory pre-rinse
	0.1	10	E4 - 222 / Flat Single Open End	EP - EPDM	
	0.2	20	E5 - 222 / Fin Single Open End	SI - Silicone	
	0.45	30	E6 - 226 / Flat Single Open End	VI - Viton	
	0.65	40	E7 - 226 / Fin Single Open End	TEV - Teflon encap. Viton*	
			E14 - SOE w / Internal O-ring	*O-rings only	