

ABSOLUTE CARTRIDGES



XP SERIES PES MEMBRANE CARTRIDGES



Economy Pleated Polyethersulfone (PES) Membrane Cartridges

SWT's XP Series filter cartridges are economical pleated polyethersulfone membrane filters designed for general absolute filtration applications. The polyethersulfone construction ensures excellent chemical compatibility, high loading capacity, and high flow rates. Made in USA.

SPECIFICATIONS

Diameter

Outside: 2.75 inch (70 mm)
Inside: 1.25 inch (31 mm)

Effective Filtration Area

8.1 sq.ft. (0.75 sq.m)

Materials of Construction

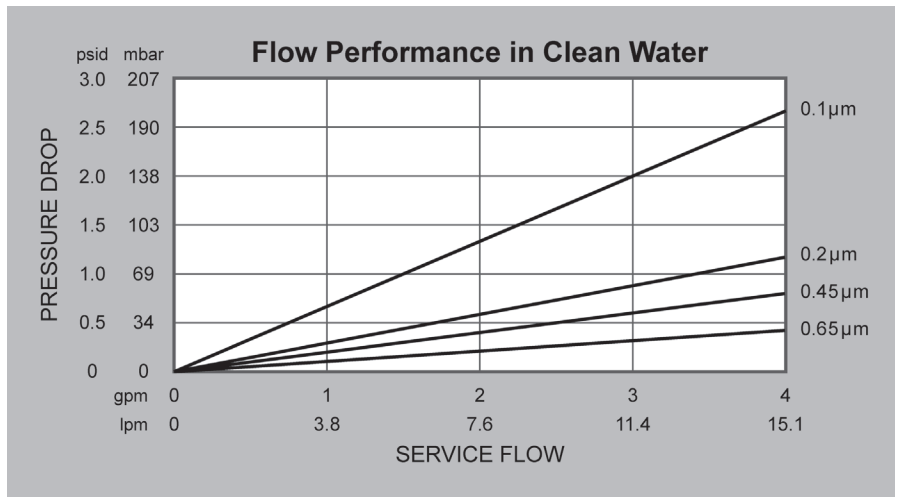
Filter Media: Polyethersulfone membrane
Media Support: Polypropylene microfiber
Components: Polypropylene
Sealing: Thermal bonding

Max Operating Temperature (water)

180°F (82°C) @ 10 psid (0.69 bar)

Maximum Differential Pressure

Forward: 60 psid (4.14 bar)
Reverse: 30 psid (2.07 bar)



PART NUMBER MATRIX

SO-XP-PES (MR) (A1) (A2) (NL) (SM)

(MR) Micron Rating

01 0.1 micron
02 0.2 micron
45 0.45 micron
65 0.65 micron

(A1) End Adapter #1

A Flat end gasket
B 120 internal o-ring
C 213 internal o-ring
E 222 o-ring
F 226 o-ring

(A2) End Adapter #2

A Flat end gasket
B 120 internal o-ring
C 213 internal o-ring
G Closed end cap
H Fin adapter

(NL) Nominal Length

10 10 inch (25.4 cm)
20 20 inch (50.8 cm)
30 30 inch (76.2 cm)
40 40 inch (101.6 cm)

(SM) Seal Material

B Buna-N
E EPDM
S Silicone
V Viton

Example: SO-XP-PES02AA30S is a 0.2 micron absolute rated filter cartridge, 30 inch nominal length, double open end (DOE) configuration with silicone seals.

APPLICATIONS

- Solvent filtration
- Liquid clarification
- Recirculating liquids
- General water filtration
- Reagent grade chemicals
- Beverage/wine clarification
- RO/DI pre-filtration
- Waste water

ADVANTAGES

- All materials meet FDA requirements for food contact (21CFR)
- High flow rates/long on-stream life
- Broad chemical compatibility
- Meets USP Class VI-121°C criteria
- Low differential pressures
- Thermally bonded
- Low extractables

ABSOLUTE CARTRIDGES



XP SERIES PES MEMBRANE CARTRIDGES

End Adapter Equivalent Codes



Without adapters



AA – Standard DOE
Code 1



JG – 020 int. o-ring / Closed end
Code 2 (M2)



EG – 222 o-ring / Closed end
Code 3 (M3)



FG – 226 o-ring / Closed end
Code 6 (M6)



FH – 226 o-ring / Fin adapter
Code 7 (M7)



EH – 222 o-ring / Fin adapter
Code 8 (M8)

Shipping Information

NOMINAL LENGTH		QUANTITY PER CARTON	APPROX. SHIP. WT.	
INCH	CM		LB	KG
10	25	6	5	2.3
20	51	6	8	3.8
30	76	6	13	5.9
40	102	6	17	7.7