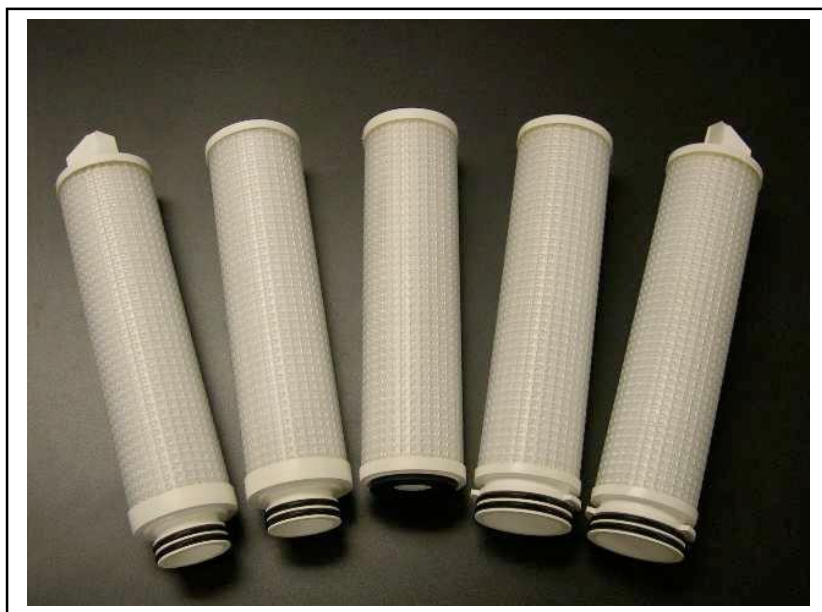


PRODUCT DATA SHEET

Xedia-XOP – Cartridges



Xedia-XOP Cartridges are engineered for the removal of dispersed, emulsified, and dissolved hydrocarbons from water. The filters are exclusively made using the patented oil absorbent media, Xedia-XOP. Radial flow cartridges are designed for plug & play application in commercially available filter housings. The filters are offered in a variety of DOE and SOE endcap configurations. Tests have shown Xedia-XOP Cartridges to be more efficient (% removal) and more absorbent (% capacity) than competitive oil removal filter cartridge technologies.



Applications

- Commercial Bilge & Ballast Water
- Oilfield Produced Water
- Pipeline Maintenance Activities
- Tank Farm Runoff Water
- Parking & Airport Runoff Water
- Auto, Truck, & Railcar Wash Water
- Machining Fluid Tramp Oil Removal
- Parts Washing & Plating Baths
- Compressor Condensates
- Boiler Blowdown
- RO Membrane Pretreatment
- GAC Filter Pretreatment
- F&B Effluent Water
- Refinery & Petrochem Effluent Water

Specifications

Part Number ¹	English Size (in) OD x ID x L	Metric Size (mm) OD x ID x L	Max Flow Rate ²	Max Oil Capacity (g) ³	Fluid Volume Treated @ 25ppm Oil Content
XOP-2510-xxx	2.625 x 1.063 x 9.875	67 x 37 x 248	1 gpm (227 l/h)	300	3,170 gal (12,000 L)
XOP-2520-xxx	2.625 x 1.063 x 20.00	67 x 37 x 508	2 gpm (454 l/h)	600	6,340 gal (24,000 L)
XOP-2530-xxx	2.625 x 1.063 x 30.00	67 x 37 x 762	3 gpm (681 l/h)	900	9,510 gal (36,000 L)
XOP-2540-xxx	2.625 x 1.063 x 40.00	67 x 37 x 1016	4 gpm (908 l/h)	1,200	12,680 gal (48,000 L)

¹ Where "xxx" appears, please specify DOE, 222Flat (222F), 222Spear (222S), 226Flat (226F), or 226Spear (226S).

^{2,3} Max flow rate and oil capacity may vary due to hydrocarbon types and concentrations present in the aqueous system.

Operation & Storage

Xedia-XOP Cartridges are not intended for solids filtration, and 5-micron (nominal) pre-filters should be used. The filters may be applied in liquid processes having temperatures of up to 175°F (80°C) and pH 4 – 11. The filters can be safely stored at temperatures from 5°F to 180°F (-15°C to 82°C) and have a shelf life of at least one year.

Cartridge Requirements

The following table gives the number of cartridges needed for each housing model.

Model Number and Diameter	Cartridge Lengths	Number of Cartridges	Equivalent 10-inch lengths	Available Pipe Sizes
Model 4	10-inch	1	1	3/4, 1, 1-1/4, 1-1/2, 2
	20-inch	1	2	
	30-inch	1	3	
	40-inch	1	4	
Model 6	20-inch	3	6	3/4, 1, 1-1/4, 1-1/2, 2, 3
	30-inch	3	9	
	40-inch	3	12	
Model 8	20-inch	6	12	3/4, 1, 1-1/4, 1-1/2, 2, 3
	30-inch	6	18	
	40-inch	6	24	
Model 12	20-inch	12	24	2, 3, 4
	30-inch	12	36	
	40-inch	12	48	
Model 16	20-inch	20	40	2, 3, 4
	30-inch	20	60	
	40-inch	20	80	
Model 18	20-inch	27	54	2, 3, 4
	30-inch	27	81	
	40-inch	27	108	
Model 22	20-inch	40	80	3, 4, 6
	30-inch	40	120	
	40-inch	40	160	
Model 24	20-inch	52	104	3, 4, 6
	30-inch	52	156	
	40-inch	52	208	
Model 30	20-inch	82	164	4, 6, 8
	30-inch	82	246	
	40-inch	82	328	
Model 36	20-inch	116	232	6, 8, 10
	30-inch	116	348	
	40-inch	116	464	
Model 42	20-inch	158	316	8, 10, 12
	30-inch	158	474	
	40-inch	158	632	
Model 48	20-inch	205	410	8, 10, 12
	30-inch	205	615	
	40-inch	205	820	

