

# PRODUCT DATA SHEET

## Xedia-XOP – Bulk Media



Xedia-XOP is a family of patented, non-swelling organoclays designed to remove dispersed, emulsified, and dissolved hydrocarbons from aqueous systems. Five distinct grades of media are tailored to fit a variety of applications. Three Xedia-XOP grades are suitable for use in bulk media beds, and two grades are utilized in commercially available, radial flow filter cartridges.



### APPLICATIONS

- Oilfield Produced Water Polishing
- Pipeline Maintenance Activities
- Marine Bilgewater Polishing
- Tank Farm Runoff Water
- Parking & Airport Runoff Water
- Auto, Truck & Railcar Wash Water
- Machining Fluid Tramp Oil Removal
- Parts Washing & Plating Baths
- RO Membrane Pretreatment
- Activated Carbon Pretreatment
- Compressor Condensates
- Boiler Blowdown
- F&B Effluent Water
- Refinery & Petrochem Effluent Water

<i>Part Number</i>	<i>Nominal Size Range</i>	<i>Media Designed Use</i>
XOP-2400G	2000 – 4000 micron	Normal efficiency bulk media - upflow bed with high solids
XOP-1025G	1000 – 2500 micron	Normal efficiency bulk media - downflow bed with limited solids
XOP-0515G	0500 – 1500 micron	High efficiency bulk media - downflow bed with low solids
XOP-0310G	0300 – 1000 micron	Normal efficiency cartridge media - large diameter radial filters
XOP-0105G	0100 – 0500 micron	High efficiency cartridge media - small diameter radial filters

### OILFIELD WATER TREATMENT

Xedia-XOP is used as a polishing media downstream of traditional produced water treating equipment (API, CPI, IGF, and hydrocyclones). With a range of bulk media and filter cartridge systems available, Xedia-XOP ensures overboard compliance of <29 ppm, <10 ppm, or even <1 ppm oil in water with no visible sheen.

Xedia-XOP bulk media systems offer low operating costs with high oil loading capacities. These systems operate at 5-20 gpm/ft<sup>2</sup>. For example, a single 48" filter vessel will handle flowrates of 3-6 bbl/min, depending on configuration.

Xedia-XOP cartridge filter systems offer some of the smallest water treatment equipment footprints in the industry. For example, a single 48" filter vessel will handle flowrates of up to 20 BPM, depending on configuration.

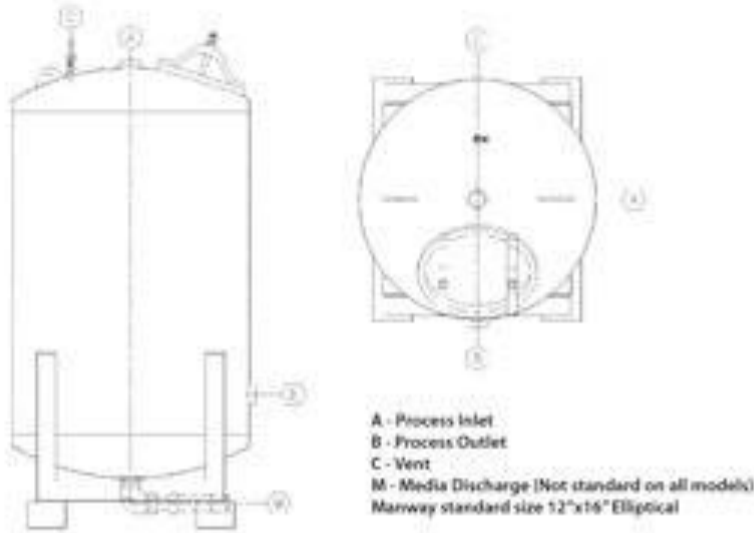
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## L4 SERIES Bulk Media FILTERS



L4 series filters are designed to treat liquid streams in a wide variety of adsorption applications. The modular design enables the units to easily fit into a wide variety of installations. Standard features include steel construction with epoxy internal coating, efficient internal collector array, forklift skid and lifting eyes.

A wide variety of options and contact medias are available, contact our sales and engineering team to assist in your application.



Standard Model Shown - Detailed Submittal Drawings Available

### L4 SERIES STANDARD SPECIFICATIONS

Model Number	L4-30	L4-36	L4-48	L4-60	L4-72	L4-96	L4-120
Overall Height	5'11"	7'2"	8'6"	8'11"	9'11"	10'9"	15'10"
Diameter	30"	36"	48"	60"	72"	96"	120"
Process Connection	2" FNPT	2" FNPT	3" FNPT	3" FNPT	4" FNPT	6" FLNG	8" FLNG
PS85 (42@FT <sup>3</sup> )	750 Lbs	1,500 Lbs	3,000 Lbs	4,500 Lbs	7,500 Lbs	15,000 Lbs	30,000 Lbs
Shipping Weight (empty)	350 Lbs	535 Lbs	1,020 Lbs	1,525 Lbs	2,490 Lbs	3,800 Lbs	7,250 Lbs
Operational Weight	1,700 Lbs	3,300 Lbs	6,800 Lbs	10,700 Lbs	17,900 Lbs	31,200 Lbs	68,400 Lbs
Cross Sectional Bed Area	4.9 FT <sup>2</sup>	7 FT <sup>2</sup>	12.5 FT <sup>2</sup>	19.5 FT <sup>2</sup>	28 FT <sup>2</sup>	50 FT <sup>2</sup>	78 FT <sup>2</sup>
Available Bed Volume	20 FT <sup>3</sup>	35 FT <sup>3</sup>	75 FT <sup>3</sup>	117 FT <sup>3</sup>	196 FT <sup>3</sup>	400 FT <sup>3</sup>	780 FT <sup>3</sup>
Maximum Pressure	75 PSIG	75 PSIG	75 PSIG	75 PSIG	75 PSIG	75 PSIG	75 PSIG
Maximum Vacuum	28" Hg	28" Hg	28" Hg	28" Hg	28" Hg	28" Hg	28" Hg