

Universal Filters, Inc.

Oil Magnet Filter Bags For Oil Removal

- ◆ **OS-XL** "Extended Life" Series Oil Magnet Filter Bags
- ◆ **OS-16** "Standard" Series Oil Magnet Filter Bags
- ◆ **OS-32** "Heavy Duty" Series Oil Magnet Filter Bags
- ◆ **OSI** Series Oil Magnet Insert

Oil Magnet Filter Bag Product Overview

Universal Filters, Inc. manufactures a complete line of Oil Magnet Filter Bags to remove oil contamination from liquid streams. The bags are effective in water, inks, paints (including E-Coat systems), and other process fluids. All Oil Magnet filter bags are made silicone free and are available in a wide variety of sizes to fit common industry filter bag housings. Custom sizes can be manufactured.

OS-XL Series

The OS-XL "Extended Life" Series Oil Magnet is designed for bulk removal of visible oil while maintaining high flow rates and long filter life.

The OS-XL series is available in micron ratings from 1 to 400.

Excellent for removal of oil from waste water and coolant systems.





OS-16 Series

The OS-16 “Standard” Series Oil Magnet is designed for efficient removal of various oils AND particulate from process solutions.

The OS-16 series is available in micron ratings from 1 to 100.

Excellent for systems that must remain consistently oil-free (including E-Coat systems).

OS-32 Series

The OS-32 “Heavy Duty” Series Oil Magnet is designed to remove stubborn trace amounts of oils that other filter bags or cartridges pass.

The OS-32 series is available in micron ratings from 1 to 50.

Approaches total Oil removal. Use to polish fluids that must be totally oil free.



OSI Series Insert

The OSI Series Oil Magnet Insert is inserted inside another filter bag to adsorb oils in the stream. The inserts float in water and can also be used to adsorb surface oils. OSI inserts have a minimal effect on pressure drop.

OSI inserts can be used inside ANY standard filter bag or basket to increase oil capacity.

Technical Data

Oil Magnet Filter Bags: Available Micron Ratings

SERIES	1	3	5	10	25	50	75	100	200	250	300	400
OS-XL								●	●	●	●	●
OS-16	●	●	●	●	●	●	●	●				
OS-32	●	●	●	●	●	●						
OSI	Inserts work through adsorption and are not micron rated.											

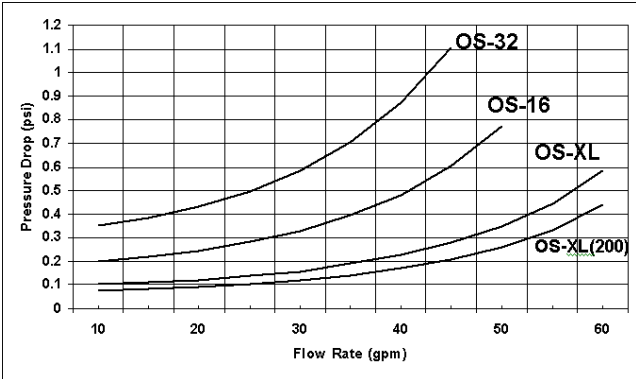
Oil Magnet Filter Bags can be manufactured to custom specifications.

Oil Capacity, grams

SERIES	
OS-XL	1880
OS-16	3270
OS-32	6150
OSI	5970

Oil capacities above are for #2 size filter bags and inserts. Changing micron ratings on the Oil Magnet Filter Bags changes oil capacity very slightly.

Pressure Drop Chart



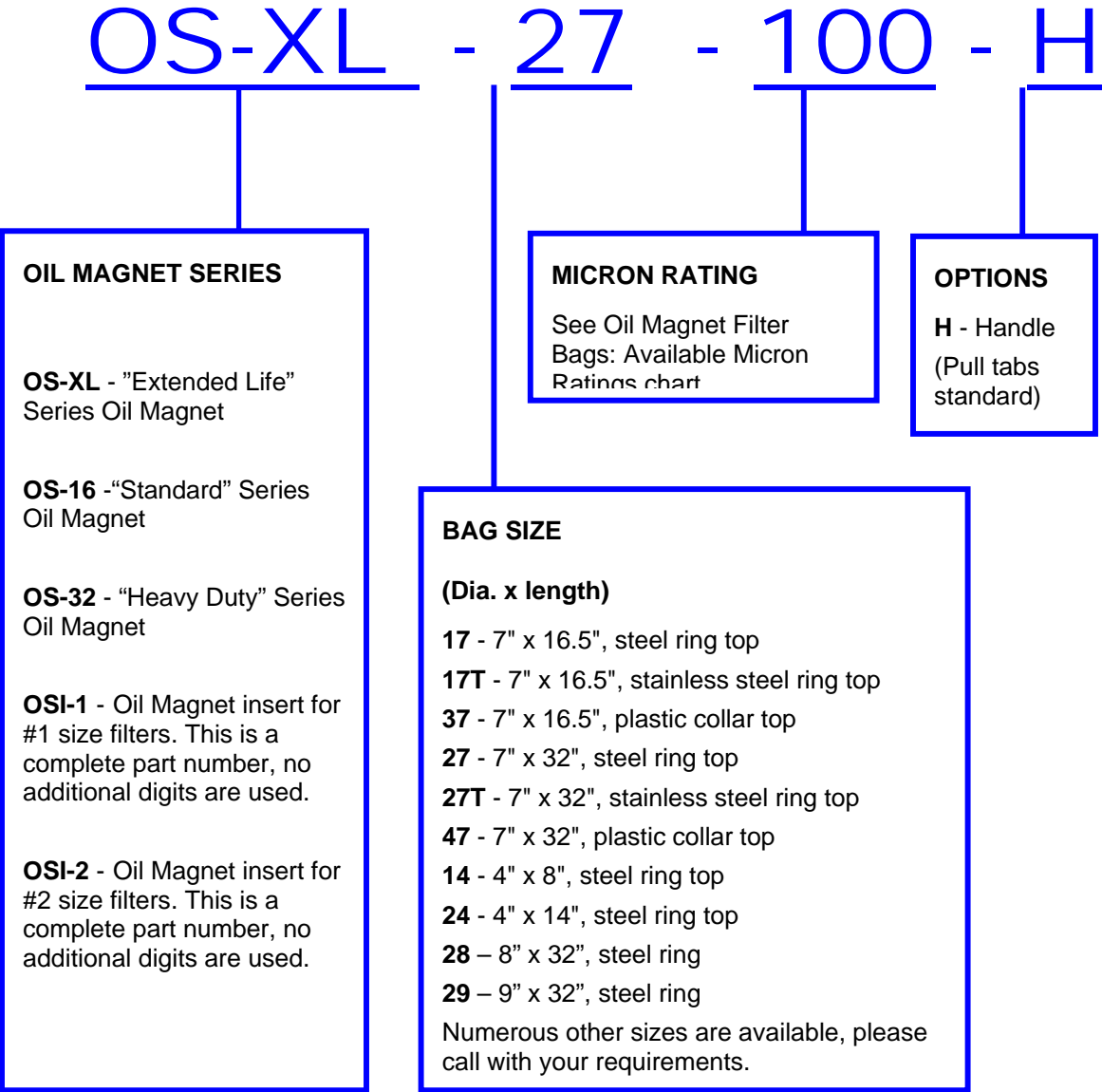
Pressure drop figures above are for water, higher viscosity fluids will have higher ΔP. Filter housing ΔP is not included in this chart and must be added for correct ΔP.

The OS-XL(200) is pressure drop for 200 to 400 micron OS-XL bags.

The Oil Magnet Insert has a minimal effect on pressure drop and therefore is not shown on the Pressure Drop Chart.

How To Order

Build an ordering code as shown in this example:



Oil Magnet Filter Bags can be manufactured to custom specifications. This also includes the oil adsorption materials, which can be fabricated into bags, sheets, rolls, or logs.

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