



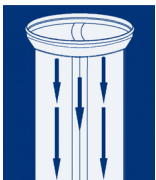
The CLEARflo™ filter series offers a broad spectrum of oil adsorbing options for light duty through to the most critical applications. Designed to remove a full range of non-emulsified oil and dirt from process streams, the series includes the POMB, PSORB, OWS and 500 series configurations.

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## PSORB Series

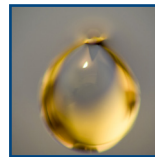
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PSORB contains a specially constructed blend of media creating an engineered core of virgin shredded microfibre. The structure dramatically increases the available surface area for oil adsorption during use.



### Channels Flow

The unique design of the PSORB bag channels the flow of the process fluid through the oil adsorbing core for greater adsorption. The PSORB filter is manufactured with an internal impermeable media layer which channels the process fluid through the microfibre core, thereby increasing contact time and opportunity for adsorption.



### Adsorbing Capacity

The media creates a tortuous path impeding the flow of oil through the filter, enhancing the residence time and oil adsorption of up to 10 times its initial weight in oil.



### Ideal for Low Flow Applications

The PSORB filter bag is designed for maximum flows of 5 to 10GPM (1.13m<sup>3</sup>/hr to 2.27m<sup>3</sup>/hr) to allow for optimum extraction of non-emulsified oil from a fluid stream. Residence time and increased surface area of the microfibre core allow for peak performance.

**REMOVE NON-EMULSIFIED OIL FROM A FLUID STREAM**



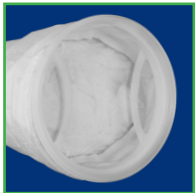
Oil adsorbent filtration  
PSORB



Microfibre core engineered for maximum absorption capacity



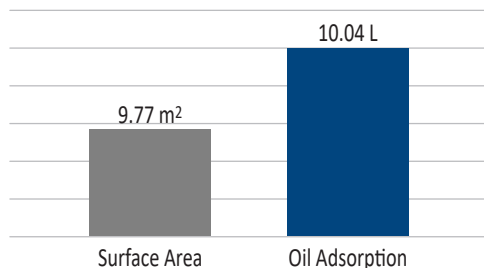
Custom sizes available



Multiple retainer options

FILTER DIMENSIONS			MAXIMUM FLOW RATE	
Size	Dimension		gpm	m <sup>3</sup> /h
1	7 Ø x 16.5 in	178 Ø x 419 mm	3-5	0.7 - 1.1
2	7 Ø x 32 in	178 Ø x 813 mm	5-10	1.1 - 2.3
Maximum Operating Temperature 200 °F / 93 °C				
Change out when PSORB media reaches saturation or when effluent quality is compromised				

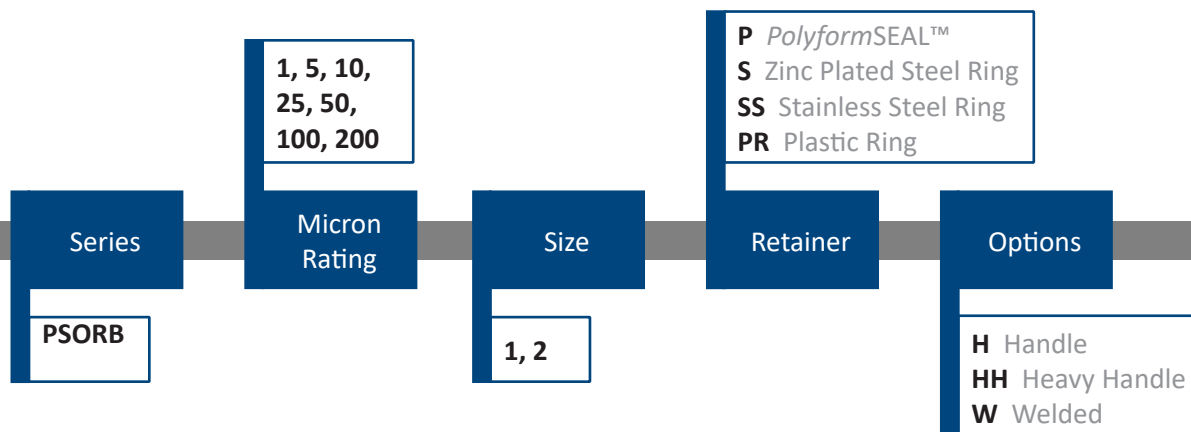
PSORB Performance Data



Applications

Typical applications suited to PSORB filter bags include:

- Industrial Parts Manufacturing
- Chemical Process
- Industrial Process Water
- Metal Casting



Product Codes Example: PSORB 5 P2SHW

