GENERAL FILTRATION

PSORB Oil Adsorbent Filter Bags

Product Datasheet



Operating Parameters

Maximum Flow Rate:
Size 1: 14 m3/h / 3-5 gpm
Size 2: 0.45 - 0.68 m3/h / 5-10 gpm

Maximum Operating Pressure:
93 °C (200 °F)

Product Features

PSORB series filters offer enhanced oil removal capability due to a specially blended microfiber core which dramatically increases the available surface area for oil adsorption. The PSORB filter bag is designed for maximum flows of 1.13 m3/hr to 2.27 m3/hr(5 to 10 GPM) to allow for optimum extraction of non-emulsified oil from a fluid stream. Residence time and increased surface area of the microfiber core allow for peak performance.

- Effluent condition should be monitored to determine the saturation level of the filter.
- PSORB bag are typically used for oil concentrations of 100ppm to 10ppm. The total weight of oil retrieved will depend on the operating conditions.

Materials of Construction

- Inner Sleeve Material: Semi-permeable polyethylene
- Oil Adsorbing media: Shredded polypropylene microfibre
- Outer cover: Polypropylene felt
- Retainer: Steel ring, stainless steel ring, plastic ring or flange
- Migration barrier: Polyester multifilament mesh
- Disc Bottom: Reinforced polypropylene monofilament

Filter Dimensions

- Size 1: 178 Ø x 419mm / 7 Ø x 16.5in
- Size 2: 178 Ø x 813mm / 7 Ø x 32 in

PRODUCT IDENTIFICATION

Series	Micron	Size	Retainer	Options
PSORB	**5**	**2**	**S**	**H**
PSORB	1 5 10 25 50 100 200	1 2	**P**= *Polyform*SEAL ™ **S**= Zinc Plated Steel Ring **SS**= Stainless Steel Ring **PR**= Plastic Ring	**H**= Handle **HH**= Heavy Handle

VYTAL FILTRATION TECHNOLOGIES

CANADA WEST
3247 Roper Road NW
Edmonton, AB T6P 0G1
1-877-456-5760
saleswc@vytal.ca
www.vytal.ca

CANADA EAST
441 Applewood Crescent
Concord, ON L4K 4J3
1-888-233-1969
salesec@vytal.ca
www.vytal.ca

USA
345 E Tulare Ave
Visalia, CA 93277
1-424-222-7619
saleswusa@vytalusa.com
www.vytalusa.com

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