



COST EFFECTIVE FILTRATION

Filter Bags: Rosedale Beta Bag®

Rosedale Beta Bag® filters are micron filter bags made of polyester microfiber and encased in a spun-bonded media migration barrier. Evaluated by the ISO 4572 multi-pass test method, the filter ratings offer a true indication of the performance throughout the life of the filter. This is significant because many filter ratings are based on initial efficiencies only. Beta Bags provide real ratings for real world industry needs.

BENEFITS & DESIGN DETAILS

- Rosedale Beta Bag® filters are 100% polyester for excellent chemical compatibility.
- Available in filter grades of 1, 10, and 12 microns.
- Prevention of possible media migration is assured by the spun-bonded cover.
- All Rosedale Beta Bag® filters are available with Rosedale's superior sealing RPE style flared top flange or as a ring type filter bag.
- Rosedale's RPE series top flange provides the best bag-to-housing seal in today's marketplace. During operation, as the filter bag gets dirty causing differential pressure to increase, our flared RPE top flange seal improves providing optimum performance. The integral plastic flange makes installation and disposal easier and there is no metal to worry about.

COMMON APPLICATIONS

- High Purity Fluids
- Activated Carbon Removal
- Parts Washing
- Oils
- Lubricants



MAXIMUM OPERATING TEMPERATURE

- Polyester: 300-325° F (149-162° C)

SUGGESTED DIFFERENTIAL PRESSURE

- Maximum: 35 PSIG dirty (2.4 bar)
- Optimum: 10-15 PSIG (0.7 -1.0 bar)

MATERIALS OF CONSTRUCTION

- Filter Media: Polyester
- Cover: Spun Bond Polyester
- Top Seal: Snap Ring 316 Stainless Steel, RPE Flange Polyester



FILTRATION SPECIFICATIONS

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RECOMMENDED MAXIMUM FLOW RATE (FOR LIQUIDS WITH A DYNAMIC VISCOSITY OF 1 MPA·S @ 20 °C)

FILTER BAG SIZE	FLOW RATE	DIMENSIONS	SURFACE AREA
1	40 GPM (9.08 M3/HR)	7.2" X 16" (18.28 CM X 40.65 CM)	2.2FT2 (0.20M2)
2	80 GPM (18.16 M3/HR)	7.2" X 32" (18.28 CM X 81.28 CM)	4.4FT2 (0.41M2)
3	10 GPM (2.27 M3/HR)	4.1" X 8" (10.41 CM X 20.32 CM)	0.5FT2 (0.045M2)
4	20 GPM (4.54M3/HR)	4.1" X 14" (10.41 CM X 35.56 CM)	1.0FT2 (0.09M2)
7	25 GPM (5.67M3/HR)	5.6" X 15" (14.27 CM X 38.10 CM)	1.2FT2 (0.11M2)
8	40 GPM (9.08 M3/HR)	5.6" X 21" (14.27 CM X 53.34 CM)	2.0FT2 (.20M2)
9	65 GPM (4.M3/HR)	5.6" X 32" (14.27 CM X 81.28 CM)	3.4FT2 (0.32M2)
12	100 GPM (22.71 M3/HR)	8.4" X 32" (21.25 CM X 81.28 CM)	5.5FT2 (0.52M2)

ROSEDALE BETA BAG®

EFFICIENCY	MICRON RATING		
	1.0	10.0	12.0
50.00%	1.0	10.0	12.0
95.00%	4.0	46.0	20.0
99.00%	8.0	20.0	47.0

Sample Order Code

POLYESTER	MICRON	SIZE	SEALING STYLE
BB	12	P2	RPE



For more information, please email us at filters@rosedaleproducts.com or visit www.rosedaleproducts.com