



RBW SERIES

Filter: RBW Series Automatic Backwashing Filter Bags

Rosedale Bagwash[®] (RBW) filter bags are offered in ratings from 1 to 1200 microns. Monofilament mesh is a woven material where each thread is a single filament and the openings are square. RBW bags have excellent strength and are considered to be cleanable. Filter efficiency is 90% or more.

- Operates on the principle of surface filtration
- Wide range of micron ratings
- Reuseable or disposable
- Non-fiber releasing
- Non-deformable weave
- High contaminant quantities under optimum conditions

When combined with our model F and E sealing flange, the RBW bag is a durable product with the best bag-to-housing seal in today's marketplace. During operation as the filter bag gets dirty causing differential pressure to increase, our pliable top flange seal improves, providing optimum performance. The integral polymetric flange makes installation and disposal easier and there is no metal to worry about.

Rosedale Bagwash[®] (RBW) offers compatibility with water, animal or vegetable oils, organic solvents, alkalis, oxidizing agents, organic acids, mineral acids as well as micro-organisms. Temperature limitation is 300°F. Choose micron ratings 1 through 1200.

DESIGN DETAILS

RBW bags have a pliable FKM Fluoroelastomer or Ethylene Propylene Diene Monomer flange sewn into their opening. RBW filter bags are 90% efficient at the micron rating.

APPLICATIONS INCLUDE

Water Reuse · Chemicals · Machine Tool Coolant · Cooling Towers · Coolants · Membrane Protection · Sulfuric and other Acids · Harvesting Steroids · Oil Reclamation · Potable & DI Water · Bottling Plants · Food Processing · Recycling · Decorative Ponds · and more



**Rosedale Bagwash[®] (RBW) with
EPDM Sealing Flange**

MATERIALS OF CONSTRUCTION

- NMO Filter Media: Polyester (1, 5, & 10 Micron), Nylon (25-1200 Microns)
- Outer Efficiency Filtration Layer (NMO)
- Inner Support Layer (NMO)
- Finish: Plain
- Construction: Sewn
- Seams have a PTFE scrim binder for added sealing security
- Top Seal: EPDM - Ethylene Propylene Diene Monomer. FKM Fluoroelastomer

SUGGESTED DIFFERENTIAL PRESSURE

- Optimum: 5-7 PSIG (0.7-1.0 bar)

MAXIMUM OPERATING TEMPERATURE

- Maximum: 300°F (149°C)



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TYPICAL FLOW RATE RANGE (FOR LIQUIDS WITH A DYNAMIC VISCOSITY OF 1 MPA•S @ 20°C)

FILTER BAG SIZE	FLOW RATE	DIMENSIONS	SURFACE AREA
2	5-80 GPM (1-18.18 M3/HR)*	7.2" X 32" (18.28 CM X 81.28 CM)	4.4FT2 (0.41M2)

TYPICAL SOLIDS APPLICATION RANGE: 1-100 PPM

CONFIGURE YOUR PART NUMBER (EXAMPLE: RBW-5-P2F)

BAG TYPE	MATERIAL & MICRON RATING	FINISH	SIZE	TOP SEAL	SEAM OPTIONS
RBW** Rosedale Bagwash [®]	1, 5, 10 Micron Polyester	P Plain	2	F FKM Fluoroelastomer	NO SYMBOL Sewn Seam
	25, 50, 75, 100, 150, 200, 250, 300, 400, 600, 800, 1000, 1200 Micron Nylon			E EPDM Ethylene Propylene Diene Monomer	

*Flow rates are specific to the application

**Patent Pending

Consult factory for further application assistance

