ROWE EQUIPMENT, INC.

Your Trusted Source for Plastics Processing Equipment & Supplies

TECHNICAL DATA SHEET

Liquid Filter Bags

Industrial filter bags for liquid filtration in plastics processing cooling systems, hydraulic systems, and process water treatment. Available in various materials and micron ratings.

SPECIFICATIONS

Specification	Details
Micron Ratings	1 micron to 800 micron
Bag Sizes	#1, #2, #3, #4 standard sizes
Flow Rates	5 GPM to 300+ GPM per bag
Temperature Range	Up to 400°F depending on material
Efficiency	50% to 99%+ depending on rating
Pressure Drop	Clean: 1-3 PSI typical

AVAILABLE OPTIONS

Option	Description
Felt Media	Depth filtration for fine particles
Mesh Media	Surface filtration, cleanable
Welded Seams	No bypass, contamination-free
Sewn Seams	Economical construction
Steel Ring Top	Standard housing fit
Plastic Ring Top	Chemical-resistant alternative

MATERIALS

Material	Properties / Applications
Polypropylene Felt	Chemical resistance, general filtration

Polyester Felt	Higher temperature capability
Nylon Mesh	Cleanable, reusable filtration
PTFE Felt	Aggressive chemical resistance
Nomex	High-temperature applications
Polypropylene Mesh	Washable, economical

DIMENSIONS & SIZES

Size/Type	Specifications
Size #1	7" x 16" (180mm x 406mm)
Size #2	7" x 32" (180mm x 813mm)
Size #3	4" x 8" (102mm x 203mm)
Size #4	4" x 14" (102mm x 356mm)
Custom Sizes	Any dimension available

APPLICATIONS

• Cooling water filtration • Hydraulic oil filtration • Process water treatment • Cutting oil filtration • Paint and coating filtration • Chemical processing

INDUSTRIES SERVED

• Plastics processing • Metalworking • Food and beverage • Chemical processing • Pharmaceutical • Water treatment

ADDITIONAL NOTES

FDA-compliant materials available. Custom bag configurations for non-standard housings.

Contact Rowe Equipment, Inc.

Phone: 1-800-848-7693 | Email: sales@roweequipment.com

Website: www.roweequipment.com

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