ROWE EQUIPMENT, INC.

Your Trusted Source for Plastics Processing Equipment & Supplies

TECHNICAL DATA SHEET

Bag House Filters

Industrial dust collection filter bags for air filtration in plastics processing facilities. Capture airborne dust, fines, and particulates from granulators, conveyors, and material handling systems.

SPECIFICATIONS

Specification	Details
Bag Diameters	4" to 8" standard
Bag Lengths	48" to 144"
Filtration Efficiency	99%+ at rated particle size
Temperature Range	Up to 500°F depending on media
Air-to-Cloth Ratio	4:1 to 8:1 typical
Cleaning	Pulse jet, shaker, reverse air

AVAILABLE OPTIONS

Option	Description
Standard Felt	General dust collection
Membrane Laminate	Surface filtration, easy cleaning
Antistatic	Static dissipative treatment
Oil/Water Repellent	Moisture resistant finish
Singed Surface	Smooth, easy cake release
Fire Retardant	Self-extinguishing materials

MATERIALS

Material	Properties / Applications
Polyester	General purpose, up to 275°F

Polypropylene	Chemical resistant, up to 190°F
Nomex	High temperature, up to 400°F
P84/Polyimide	Very high temperature, up to 500°F
PTFE Membrane	Finest filtration, easy cleaning
Fiberglass	High temperature, chemical resistant

DIMENSIONS & SIZES

Size/Type	Specifications
Top Entry	Snap band, friction fit tops
Bottom Entry	Raw edge or cuff bottom
Cage Compatible	Wire cage supported
Custom Sizes	Any diameter and length

OEM COMPATIBILITY

Compatible with equipment from: Donaldson, AAF, Camfil, Parker, Gore, Midwesco, U.S. Air Filtration

APPLICATIONS

• Granulator dust collection • Material conveying vents • Central vacuum systems • Silo venting • Dryer exhaust • General plant air quality

INDUSTRIES SERVED

• Plastics processing • Chemical processing • Food processing • Pharmaceutical • Cement • Metalworking

ADDITIONAL NOTES

Cage and venturi sets available. Filter bag leak detection testing services offered.

Contact Rowe Equipment, Inc.

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