

Baghouse Filters

Midwest Filter manufactures OEM and replacement baghouse filter bags for pulse-jet, shaker, and reverse air dust collectors. Our options are designed to fit most major manufacturers' equipment with styles tailored to your specific needs. We offer welded or sewn construction with optional seam tape.

Pulse-jet and reverse air collectors

Top and bottom load tubular bags
Plain top, snap band, flanged, hemmed, compression band, spreader rings

Shaker collectors

Strap, loop, hanger, or grommet end tubular bags

Custom bags

Drawstring, finger loop, sleeve, & more

Envelope bags

Gasket, hemmed



Why source baghouse filters from Midwest Filter?

Superior quality:

Every bag is crafted with precision and expertise, using only the finest media

Customizable solutions:

We work closely with you to select the perfect bag style for your unique application

Industry best lead times:

Standard lead time is 7-10 business days for all stocked materials

Enhanced performance:

Coatings and finishes are available to improve collection efficiency, cake release, static dissipation, chemical resistance, and solve your most challenging applications

OPTIONAL CONSTRUCTION

Bottom Wear Cuffs

Wear Cuff

Variable height (usually 3") stitched to the bag and through the disc bottom



Tuff Cuff

6" long, stitched 3" up then folded over with 3" hanging below disc bottom. Seam is on underside of cuff



Super Tuff Cuff

Same as tuff cuff except the folded section is also stitched on the exterior to the bag and through the disc bottom



Grounding

Ground Tabs

Stainless steel mesh stitched inside and over top of the bag, 180 degrees apart



Ground Wires

Stainless steel or copper braided wire stitched full length of bag seam with a variable length extension (usually 12")
*Terminal ring optional



We inventory a wide variety of materials in multiple weights and finishes. Additionally, our domestic and global network of suppliers provide access to many technical fabrics for your individualized dust collection needs.

MEDIAS

Filter Media

Felts: Polyester, polypropylene, aramid, acrylic, PPS, P-84, PTFE, duo-density polyester, epitropic polyester

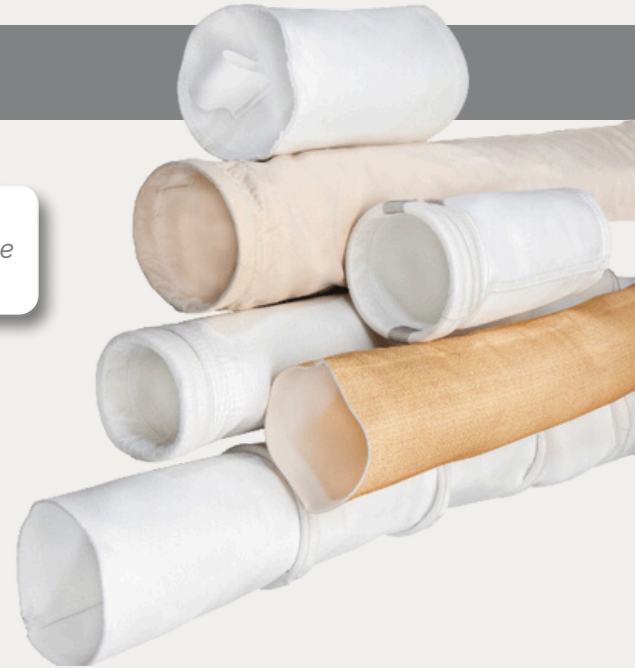
Wovens: Cotton sateen, polyester sateen, seamless polyester, cotton duck, polypropylene duck

**Additional media available upon request*

Finishing Options

**Finishes are available on select media*

- Plain
- Singed
- Glazed
- Microfiber blend
- Hydro-oleophobic
- Acrylic coating
- PTFE membrane
- SS scrim



PROPERTIES OF BAGHOUSE FILTRATION FABRICS

Media Specs	Polypropylene	Acrylic	Polyester	PPS	Aramid	P84	PTFE	Fiberglass
Max Dry Temp °F	190	260	275	375	400	460	500	500
Max Moist Temp °F	190	260	200	375	350	460	500	500
Temp Surge (Dry) °F	210	275	300	425	425	500	500	550
Abrasion Resistance	Excellent	Good	Excellent	Very Good	Excellent	Good	Good	Fair
Acid Resistance	Excellent	Good	Fair	Excellent ¹	Fair	Very Good	Excellent	Poor ²
Alkali Resistance	Excellent	Fair	Fair	Excellent	Good	Fair	Excellent	Fair
Supports Combustion	Yes	Yes	Yes	No	No	No	No	No
Subject to Hydrolysis	No	No	Yes	No	Yes	Yes	No	No
Relative Cost	Low	Medium	Low	High	Medium	High	Very High	Medium

¹ PPS acid resistance is "Poor" with oxygen concentrations greater than 15%

² Fiberglass acid resistance is "Good" when acid resistant finish is present