

**BASIC FIBER CHARACTERISTICS**

FIBER	MAX CONT OPER TEMP °F	ACID RESISTANCE	ALKALI RESISTANCE	FLEX ABRASION	SUPPORT COMBUSTION	SPECIAL PROPERTIES
Acrylic Co-Polymer	248	Good	Fair	Good	Yes	Performs well in moist heat
Cotton	180	Poor	Excellent	Good	Yes	Low cost—can be treated with a flame retardant agent
Polyester	275	Good	Fair	Good	Yes	Degradation may occur in hot, humid conditions
Acrylic Homo-Polymer	284	Good	Fair	Good	Yes	An acrylic, but for higher temperature applications
Fiberglass	550	Fair	Poor	Poor	No	Finishes limit maximum temperature range
Nylon	200	Poor	Excellent	Excellent	Yes	Excellent tensile strength and flex life
Polypropylene	200	Excellent	Excellent	Excellent	Yes	Excellent cake release
Nomex*	400	Fair	Excellent	Good	No	High temperature Aramid
Teflon*	450	Excellent	Excellent	Fair	No	Expensive—excellent chemical resistance
P-84**	500	Good	Poor	Excellent	No	Non-flammable and thermostable organic fiber
Ryton***	375	Excellent	Excellent	Good	Yes	Ability to perform at high temperature

\*Dupont Trademark

\*\*Lenzing AG Trademark

\*\*\*Phillips Trademark

**MEDIA COATINGS AND FINISHES**

CONSTRUCTION	MEDIAS	PLAIN	GLAZED	ACRYLIC	FLAME RETARDANT	TEFLON	SINGED
<b>NEEDED FELTS</b>	Polyester	•	•	•	•	•	•
	Polypropylene	•	•			•	•
	Nylon	•			•		•
	Teflon	•					
	Nomex	•				•	•
	Ryton	•				•	•
	P-84	•				•	•
<b>WOVEN MATERIAL</b>	Cotton	•			•		
	Glass	•				•	
	Nylon	•			•		
	Polyester	•			•	•	
	Polypropylene	•					

Contact Filtration Group about new and improved media and finishes that may be tailored to your specific needs.

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# FILTRATION GROUP

## DUST COLLECTOR FILTER BAGS

### INDUSTRIAL & PROCESS

- Designed for ease of installation and change-out
- Wide range of coatings and finishes
- Wide variety of paper, felt and woven filter medias
- Custom designed bags



### DESCRIPTION

**F**iltration Group is a leading manufacturer of quality engineered dust collector filter bags. We can custom design and fabricate a filter bag to meet your needs by analyzing a sample, print, sketch, or verbal description of the bag. Filtration Group also offers equivalent replacement filter bags and can recommend improvements to an original OEM bag. Multipocket bags, double bags, bin vent bags, or any type of sewn bag can easily be duplicated or designed by our engineering department.

We offer a complete line of replacement and custom designed dust collector bags to fit most manufacturers' filter bag housings.

### FEATURES & BENEFITS

The filter bags are carefully fabricated and sized to ensure ease of installation and change-out. These filter bags are designed to be mounted and gasketed firmly into place with a snap band, corded cuff, or clamp to ensure dust tight seal. Various coatings and finishes can be applied to either side of the dust collector bag to enhance cleaning and efficiencies, as well as prolonging service life. Groundwire, anti-collapse rings and other options can be easily incorporated into bag construction. Filtration Group can custom fabricate various types of attachments to work with your specific shaker mechanism, whether it's a loop, eyelet, grommet or other device.



## FILTRATION GROUP

### APPLICATIONS

Filtration Group can help you select which style bag is best suited for your application once the following is known about your installation.

1. Characteristic of dust
2. Chemical content of dust
3. Humidity or moisture
4. Square feet of filter media
5. CFM required
6. Temperature range
7. Type of existing equipment and hardware
8. Operating experience

### FEATURES

Filtration Group offers a wide variety of media ranging from 8-22 oz. per square yard, each having different characteristics and uses. Most of our standard medias can be supplied with various coatings and finishes to improve performance with regard to cake release, flammability, and resistance to chemical attack.

### STANDARD DUST COLLECTOR FILTER BAGS

Count on Filtration Group to supply the replacement filter bags and tubes necessary to keep your dust collection system operating at peak efficiency. Rest assured that Filtration Group's high quality manufacturing standards and expert workmanship are incorporated into each bag. On the facing page are photographs of standard filter bags for most dust collecting systems: shaker, reverse air and pulse jet.

### MEDIA COATINGS AND FINISHES

**Plain** - Natural finish. General purpose material.

**Singed** - Accomplished by exposing media to open flame to burn off any loose fibers. Improves dust cake formation.

**Glazed** - Accomplished by running media over hot roller which melts fibers and results in a smooth "eggshell" finish. Improves dust cake release.

**Acrylic Coated** - Air permeable acrylic surface coated polyester for moist environments.

**Flame Retardant** - Not flame proof, but provides a self-extinguishing feature that is used when sparks are involved, such as grinding processes.

**Teflon Membrane** - Membrane provides an extremely smooth, high efficiency finish.

**Teflon Coated** - Media is coated with PTFE to enhance cake release and high efficiency.

**Fiberglass** - High temperature, chemical resistant woven fabric.

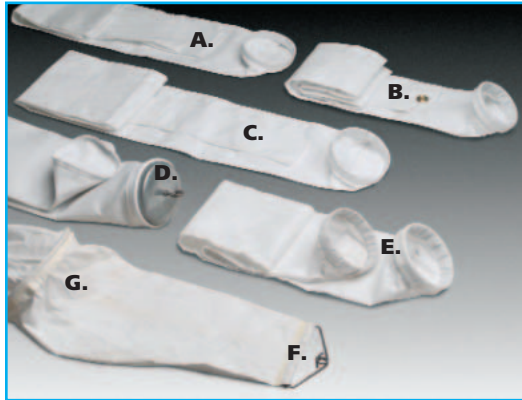
**FILTRATION GROUP PROVIDES FILTER BAGS FOR THE FOLLOWING DUST COLLECTOR SYSTEMS**

**REVERSE AIR**



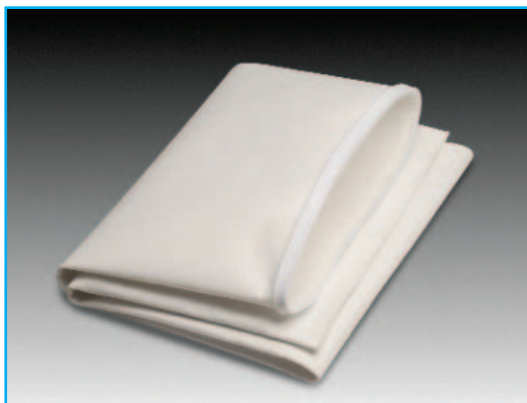
Metal Cap with Spreader Ring and Cord Cuff Bottom

**SHAKER & REVERSE AIR**



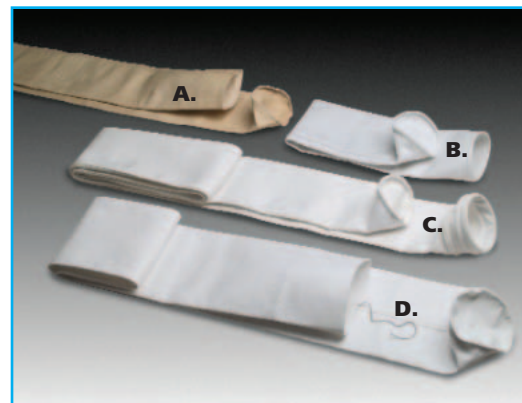
- A.** Loop
- B.** Grommet
- C.** Strap
- D.** Metal Cap
- E.** Snap Band—both ends
- F.** Hanger
- G.** Spreader Ring

**ENVELOPE**



Gasket Top with Sewn Flat Bottom

**PULSE JET**



- A.** Plain Top
- B.** Cord Cuff
- C.** Double Beaded Snap Band
- D.** Groundwire  
(Copper or Stainless Steel)

**MULTIPOCKET OR MODULE**



We Can  
**CUSTOM FABRICATE**  
Any Style Bag  
to Meet  
**YOUR SPECIFIC NEEDS**