



U.S. Air Filtration, Inc.

USAF warehouses stock most common dust collector bag filters, for pulse-jet and shaker style units. We also offer a complete line of cartridge filters as well. We offer a complete line of replacement and custom designed bag filters to fit all manufacturer filter bag housings.



USAF includes 16 oz. polyester felt bags in our baghouses as standard. Our dust collector filters are carefully fabricated and sized to ensure ease of installation and change-out.

USAF bag filters are designed to be mounted and gasketed firmly into place with a beaded snap band, corded cuff, or clamp to ensure a dust tight seal. Various coatings and media finishes are available (PTFE membrane) can be applied to either side of the dust collector bag filter to enhance cleaning and efficiencies, as well as to prolong service life. Ground wires, anti-collapse rings, and other options can be easily incorporated into bag construction.

The top and bottom construction of a bag filter involves a variety of possible configurations. The type of cleaning process used by the dust collector determines which configuration will be used in the design of the bag filter.

Universally, we cover all types of dust collectors, typical top configurations including beaded snap band, raw edge, snap band, loop top, or grommet top; typical bottom configurations include beaded snap band, hem, beaded cuff, over lock disc, and lockstitch disk.

- Beaded Snap Band
- Disk with wear cuff
- Disk Bottom
- Support Ring
- A- Hangar
- Grommet
- Raw Edge
- Cord
- Strap
- Loop
- O-Ring

Clearing the Air for a Cleaner Environment

Dust Collector Filters

Filter Resistance to Chemicals

Note: G = Good
F = Fair
N = Not recommended
0 = No data available

	Polyester	Polypropylene	Nylon-6	Aramid	Acrylic	Teflon®	Ryton®	Glass	Cotton
Temperature Limit F°	275°	190°	212°	400°	260°	500°	375°	500°	212°
Resistance to Acid									
Hydrochloric	G	G	N	N	G	G	G	F	N
Sulfuric	F	G	N	N	G	G	G	F	N
Nitric	F	G	N	N	G	G	F	G	N
Chromic	G	G	N	N	G	G	N	G	N
Aqua Regina	F	G	N	N	G	G	N	G	N
Acetic	G	G	F	F	G	G	G	G	G
Formic	G	G	F	F	G	G	0	G	F
Resistance to Alkali									
Ammonium Hydroxide	N	F	F	F	F	G	G	G	F
Sodium Hydroxide	N	G	F	F	F	G	G	N	G
Potassium Hydroxide	N	F	F	F	N	G	G	N	G
Resistance to Salt									
Calcium Chloride	G	G	N	F	G	G	0	F	G
Sodium Chloride	G	G	G	G	G	G	0	F	G
Zinc Chloride	N	G	N	F	F	G	0	G	F
Resistance to Oxidizing Agent									
Hydrogen Peroxide	F	G	F	0	G	G	0	G	G
Sodium Hypochlorite	G	N	F	F	G	G	0	N	F
Chlorine	F	G	N	N	F	G	0	N	F
Fluorine	F	G	N	0	F	G	0	N	N
Resistance to Organic Solvent									
Acetone	G	F	G	G	G	G	0	G	G
Carbon Tetra-Chlorite	G	F	G	G	G	G	G	G	G
Ethyl Alcohol	G	G	G	G	G	G	G	G	G
MEK	G	F	G	G	G	G	0	G	0
Tri-Chloro Ethylene	G	F	G	G	G	G	0	G	G
Toluen	G	N	G	G	G	G	F	G	G
DEG	G	G	G	G	G	G	0	G	0
Resistance to Mineral Oil	G	G	G	G	G	G	G	G	G

All specifications subject to change in order to improve product performance.



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