



Hardy Filtration

Integrated filtration solutions: air, water & oil



Dust Collector Bags

Description

HARDY FILTRATION can custom design and fabricate a filter bag to meet your needs. We also offer equivalent replacement to original bags. Multi-pocket, double, bin vent, or any other type of sewn bag can easily be designed by our engineering department.



Construction

Needle felt: High filtration efficiency for pulse jet and plenum pulse baghouses, etc.

Woven : Low filtration efficiency for shaker and reverse air baghouses, etc.

Fabrication

Our filters are carefully fabricated and sized to ensure ease of installation and change-out. Generally, dust collector filter bags are designed to be mounted and gasketed firmly into place with a B-binder, corded cuff, or a 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 increasing service life. Ground wire, anti-collapse rings, and other options can easily be incorporated into bag construction. We can custom fabricate various types of attachments to work with your specific shaker mechanism, whether it's a loop, ring, grommet, or other device.

Dust Collector Bags

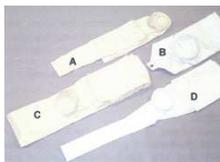
Fibers available

Fibers	Temperature	Acid Resistance	Alkaline Resistance	Flame Retardant
Polyester	275°F	Medium	Medium	Yes
m-Aramid (nomex)	400°F	Low	Good	No
Acrylic	250°F	Good	Medium	Yes
Polypropylene	200°F	Excellent	Excellent	Yes
PPS (RYTON)	375°F	Excellent	Excellent	No
Polyimid (P-84)	460°F	Good	Good	No
Fiberglass	500°F	Low	Low	No

Finishes available

Plain finish	Not recommended, pores get rapidly clogged
Singed:	Fibers are burned on the surface to partially close the pores, increasing efficiency and improving dust cake formation
Glazed:	Les fibres are softened and compressed to offer a slick surfaces, increasing efficiency and improving dust cake release.
Membrane:	Provide the highest filtration efficiency available on the market
(ePTFE Teflon)	Beware of lower efficiency copies Acrylic membrane, acrylic foam, a Teflon impregnation, etc.

Shaker and Reverse Air Bags



- a) Shaker bag with loop top and B-binder bottom
- b) Shaker bag with grommet top and B-binder bottom
- c) Reverse air bag with grommet top and B-binder bottom
- d) Shaker bag with holding strap and B-binder bottom

Pulse Jet Bags



- g) Raw edge, disc bottom with ground wire
- h) B-binder, disc bottom
- i) Raw edge, disc bottom

Flat and Custom Fabricated Bags



- e) Flat bottom with gasket top
- f) Custom fabricated bags to meet any desired specifications

Note: Do not hesitate to contact our specialists for fabric selection, performance problem, etc.