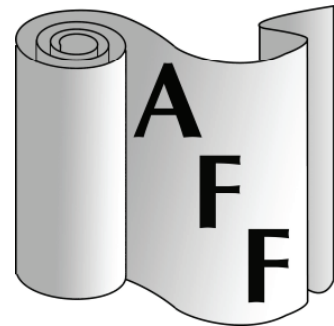


AMERICAN FABRIC FILTER



800-367-3591

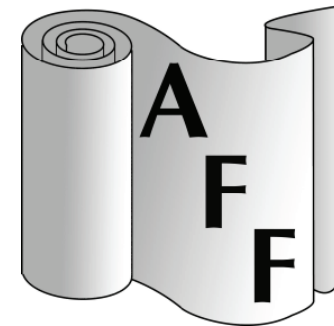
BAGHOUSE BAGS

- ✓ Optimum Performance
- ✓ All Styles
- ✓ Specialty Fabrics
- ✓ Cleaner Air
- ✓ Custom Solutions
- ✓ Economical
- ✓ Technical Assistance
- ✓ Special Features & Accessories



www.americfabricfilter.com

AMERICAN FABRIC FILTER



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DUST COLLECTOR BAGS

- ✓ Optimum Performance
- ✓ Low Maintenance
- ✓ Custom Designs
- ✓ Cleaner Air
- ✓ Longer Life
- ✓ Economical
- ✓ Best Size & Fit
- ✓ Special Features & Accessories



16 oz. Felt Optimized Commercial / Industrial bag shown
1 Micron Rated @ 1200 CFM

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FACTS ABOUT DUST COLLECTION

OVERVIEW

If your dust collector does a better job of distributing wood dust throughout your shop than actually collecting dust, a new dust bag could solve your problems. The woven fabric bags generally supplied by a machine's manufacturer are, at best, a compromise. Openings between the threads that are large enough to pass air efficiently also pass dust with equal efficiency. A tighter weave may trap smaller dust particles, but will also restrict airflow, creating backpressure and reducing suction substantially. The solution is to replace worn and ineffective OEM bags with larger, optimized felt dust bags.

INCREASING EFFICIENCY

The size of the breather bag is critical to your dust collector's performance. In an undersized bag (or typical OEM bag) the greater air pressure forces fine dust to penetrate the fabric's fibers causing "blinding" and preventing the free passage of air. In an optimized filter, however, the dust-laden air escapes over a sufficiently large surface area, allowing the dust to enter, slow down, and fall, rather than being driven into the fabric. By using the proper air-to-cloth ratio for your collector, it is possible to achieve filtration of dust particles down to 1 micron.

ADVANTAGE OF FELT FABRIC

For wood dust we most often recommend polyester felt with a singed finish. Felts are preferred for filtration due to their high breathability, fine particle separation, and excellent dust cake build/release properties. Singed felt allows a very thin layer of fine dust particles to collect and build on the surface of the bag. This "dust cake" then does the actual filtering of subsequent dust blown into the bag and prevents the bag from blinding. When the dust cake becomes heavy, it sloughs off the surface of the bag and leaves behind a thin layer to continue this self-cleaning process, thus the filter maintains high airflow and allows your collector to work at its full capacity.

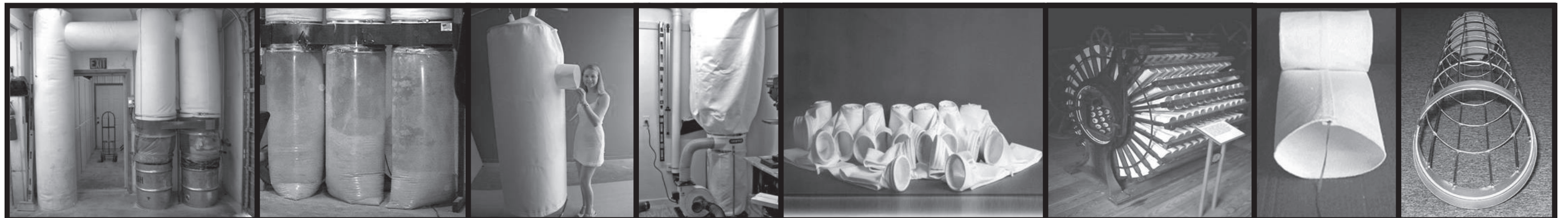
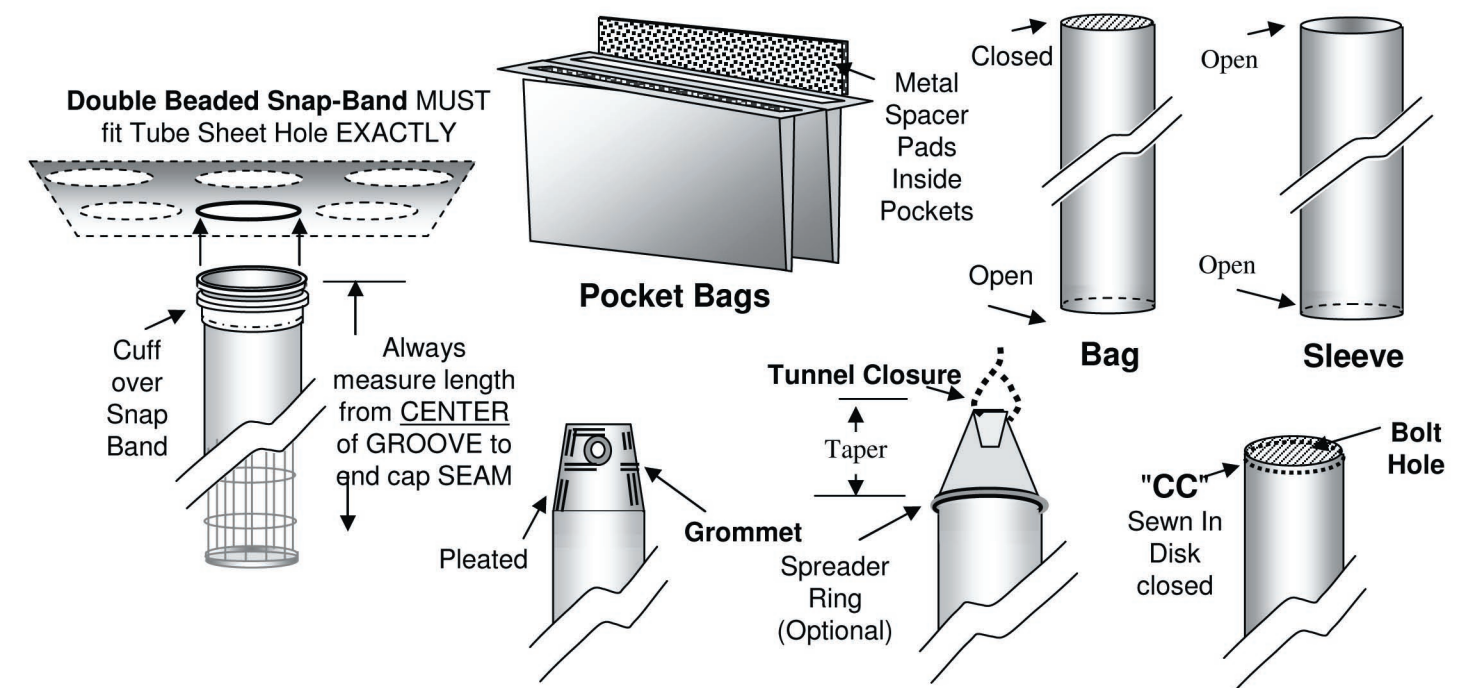
BAGHOUSE BASICS

OVERVIEW

Baghouses are classified by the method used to remove the dust from their filters. Although there are only three basic types of baghouses - shaker, pulse, and reverse air - there are hundreds of different styles of bags. Baghouse filters vary in diameter and length from manufacturer to manufacturer, and from model to model. Some bags collect dust on the inside, others the outside. Bags may be top loading or bottom loading. Bags may be placed over a cage, mounted in a plenum, or suspended from a hanger.

WHAT WE DO

Baghouse filters need periodic replacement to maintain top performance and collectors depend on an exact fit to function properly. AFF manufactures all styles of replacement filters from a selection of fabrics suited to address specific applications. The diagrams below show just a few of the variations found in baghouse filters. We can cross reference most filters or duplicate your sample to provide an exact match on baghouse filters.



Custom Designed "Sister" Bags

Disposable Plastic Collection Bags

Side or Top Inlet Cyclone Bags

1-Micron Filter Bags

OEM Replacements

Discontinued Models

Heat Welded Seams

Cages