Donaldson
Torit®

TORIT-TEX™ PLEATED BAG FILTERS

ENGINEERED FOR DUST COLLECTION

Torit-Tex® is a proprietary expanded PTFE (Polytetrafluroethylene) membrane, manufactured solely by Donaldson.

When applied to a baghouse filter, it increases temperature resistance, reduces chemical degradation and repels water. Torit-Tex enhances surface loading capabilities, extending the life of your bags. Torit-Tex membrane Pleated Bag filters are available in a wide range of configurations, diameters and lengths for most common brands of pulse-jet baghouses. The pleated configuration increases the surface area of the media, improving the filtration power of each bag.

FEATURES AND BENEFITS

- Smooth, hydrophobic, state-of-the-art PTFE membrane provides excellent particle release during pulse cleaning
- Longer filter life reduces replacement and maintenance costs
- Less production downtime
- Excellent moisture resistance and chemical resistance
- Food Grade compliant
- All standard round filters feature an all synthetic design-no metal parts
- Pleated bags offer twice the filter area to increase efficiency and decrease pressure drop
- Shorter bag height allows for a larger dropout area and less opportunity for bag abrasion
- Available for all popular brands of baghouse collectors

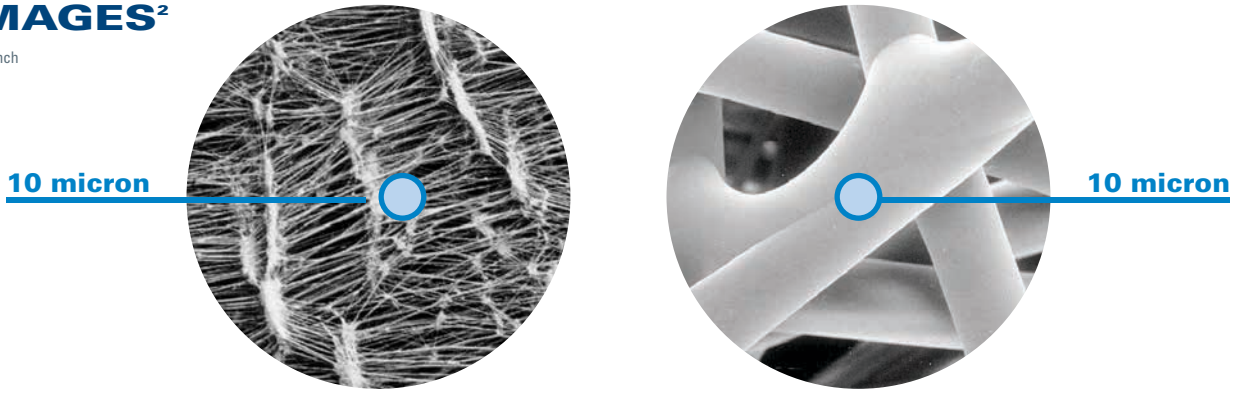
Torit-Tex Pleated Bag Filters

Pleated Bag Cleaning and Disposal

For environmental compliance, it is highly recommended to consult federal, state, and local environmental protection guidelines to determine the impact of washing or disposing of pleated bags. Many industry dusts are hazardous to our environment and are regulated by air quality standards and by national and local water standards during disposal.

SEM IMAGES[2]

1 micron = 1/25,400 of an inch
(1/1000 of a millimeter)



† Scanning Electron Microscope

Torit-Tex Media (600x)

Spunbond Media (600x)

SPECIFICATIONS

MEDIA COMPOSITION

Substrate	PTFE surface membrane with average fiber diameters of .2um Calendered spunbond polyester substrate with average fiber diameter of 14 um

PLEATED BAG CONSTRUCTION

Standard Construction	Molded top and bottom construction Polypropylene core Optimized pleat spacing
Options	EPDM Gasket on Top Load models Galvenized metal cores (good to 225°F) FDA compliant version

MEDIA COMPATIBILITY DATA

Temperature Resistance*	200°F (93°C)
Moisture Absorption**	Maximum 0.5% @ 70°F (21°C) and 65% RH
Chemical Tolerance***	Acids→Good Oxidants→Good Bases→Good Solvents→Good
Abrasion Resistance	Excellent per TAPPI 476 (Taber Method)

* For media only.
** Environmental conditions involving combinations of high temperature, corrosive material, and moisture can reduce media strength. Reduction in media strength may compromise integrity and performance.
*** A combination of chemicals may alter fiber resistance to the specified performance level. Chemical attack may compromise cartridge integrity and performance.

Significantly improve the performance of your collector with genuine Donaldson Torit replacement filters and parts.

Important Notice
Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.

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