

ENGINEERED FOR DUST COLLECTION

Pleated filter bags built with Spunbond media deliver longer filter life, higher efficiency and offer greater energy savings than traditional filter bags.

The pleated construction increases the surface area of the filter giving you more filtration power with each bag. Donaldson pleated filter bags are available for all popular pulse-jet baghouse manufacturers.

BENEFITS:

Donaldson's tough spunbound media provides:

- A more robust media that captures dust on the surface.
- Cleaner air, longer filter life, and greater savings.
- Less production downtime.
- All standard round filters features an all synthetic design - no metal parts.

FEATURES:

- Better pulse cleaning saves energy.
- Spunbond substrate provides excellent moisture and chemical resistance.
- Tough spunbond polyester media provides high durability.

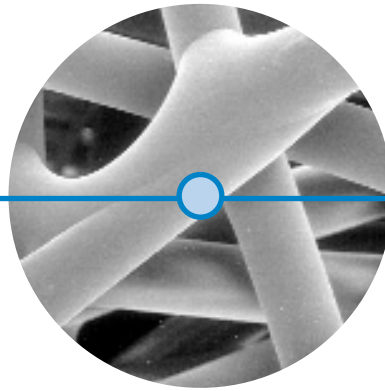


Spunbond Pleated Bag Filters

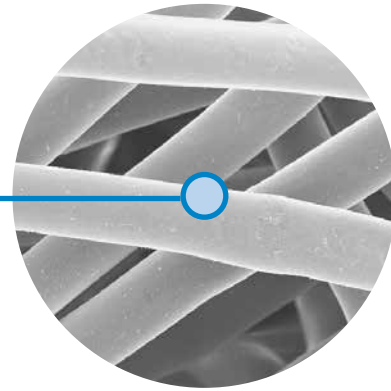
SEM+ IMAGES

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

10 micron



Spunbond Media
(600x)



Standard 16 oz. Polyester Media (600x)

† Scanning Electron Microscope

Standard spunbond filters capture particulate at the 1 micron and above, while 16 oz. (453.6 g) polyester felt only effectively captures at the 3-10 micron level.

Pleated Bag Filter	3-10 µm	1-3 µm	0.3-1 µm
Spunbond Pleated Bags	Excellent	Fair	Fair
16 oz. Polyester Felt Bags	Fair	Fair/Poor	Poor

SPECIFICATIONS

MEDIA COMPOSITION	
Media	Spunbond polyester
PLEATED BAG CONSTRUCTION	
Standard Construction	Molded top and bottom construction Polypropylene core Optimized pleat spacing
Options	EPDM Gasket on Top Load models Galvanized metal cores (good to 225°F) Stainless steel metal cores

MEDIA COMPATIBILITY DATA	
Temperature Resistance*	180°F (82°C) 225°F (107°C) 250°F (120°C)
Chemical Tolerance***	Acids→Good Bases→Good
	Oxidants→Good Solvents→Good

*For media only.

***A combination of chemicals may alter fiber resistance to the specified performance level. Chemical attack may compromise cartridge integrity and performance.

FILTRATION PERFORMANCE	
Range	1 micron and above

Significantly improve the performance of your collector with genuine Donaldson Torit replacement filters and parts. **Call Donaldson Torit at 800-365-1331.**

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.



Donaldson Company, Inc.
Minneapolis, MN
donaldson.com • shop.donaldson.com

North America
Email: donaldson@donaldson.com
Phone: (USA): +1-800-365-1331 • (MX): +1-800-343-36-39

Australasia
Email: marketing.australia@donaldson.com
Phone: +61-2-4350-2000
Toll Free: (AU) +1800-345-837 • (NZ) +0800-743-387

F118078 ENG (02/20) Spunbond Pleated Bag Filters ©2019-2020 Donaldson Company, Inc.

Donaldson, Torit, and the color blue are marks of Donaldson Company, Inc. All other marks belong to their respective owners.

China
Email: info.cn@donaldson.com
Phone: +86-400-820-1038

Donaldson Europe B.V.B.A.
Email: IAF-europe@donaldson.com
Phone: +32-16-38-3811

India
Email: info.difs@donaldson.com
Phone: +91-124-4807-400 • +18001035018

Japan
Email: jp-ndli.ifsw@donaldson.com
Phone: +81-42-540-4112

Korea
Email: iaf-kr@donaldson.com
Phone: +82-2-517-3333

Latinoamerica
Email: IndustrialAir@donaldson.com
Phone: +52-449-300-2442

South Africa
Email: SAMarketing@donaldson.com
Phone: +27-11-997-6000

Southeast Asia
Email: IAFSEA@donaldson.com
Phone: +65-6311-7373