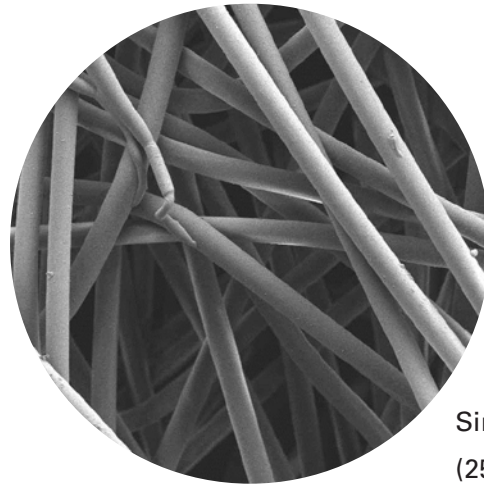




# SINGED POLYESTER BAG FILTERS

BAG FILTER MEDIA FOR BAGHOUSE DUST COLLECTORS



Singed Polyester (250x)

Needled 16 oz. singed polyester felt is a versatile and cost effective filtration media used in pulse jet baghouse dust collectors. The singeing process removes fiber fuzz and creates a more uniform finish, allowing for a better dust cake release than untreated polyester media. This material is strong, abrasion and chemical resistant and good for applications up to 275° F.

## PREMIUM CONSTRUCTION

- Heat-seam construction results in a seam with increased dependability and efficiency
- Available in a wide variety of top and bottom configurations, diameters and lengths
- Options include ground wires, abrasion cuffs and expansion rings

## APPLICATIONS

- General purpose applications including those requiring good dust cake release. Used in cement and quarry, metal processing, grain, tobacco, flour, wood and other nuisance dust industries.

Available in configurations for many popular brands of baghouse collectors.

## MEDIA SPECIFICATIONS

Bag Technology	Singed
Substrate	Needled Polyester Felt
Fabric Weight	16.0 oz./yd <sup>2</sup> (540 g/m <sup>2</sup> )
Thickness	0.060-0.080 inches (1.5-2.0 mm)
Air Permeability	25-35 (cfm @ 0.5 "wg) 42-60 (m <sup>3</sup> /hr @ 1.25 mbar)

## MEDIA COMPATIBILITY DATA

Maximum Operating Temperature	275°F, 135°C
Maximum Surge Temperature	300°F, 149°C
Abrasion Resistance	Good
Alkali Resistance	Good
Subject to Hydrolysis**	Yes
Chemical Resistance***	Good

## 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 dirty 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.

# CONFIGURATIONS

Collector Models	Filtration Area		Outer Diameter		Length*		Flat Width	
	ft <sup>2</sup>	m <sup>2</sup>	in	mm	in	mm	in	mm
FS/RSD Baghouse	6.7	0.6	5.875	149.23	52	1320.8	9.23	234.4
	9.7	0.9	5.875	149.23	76	1930.4	9.23	234.4
	12.8	1.2	5.875	149.23	100	2540	9.23	234.4
	15.9	1.5	5.875	149.23	124	3149.6	9.23	234.4
	19.0	1.8	5.875	149.23	148	3759.2	9.23	234.4
FT/LP Baghouse	6.2	6.0	5.875	149.23	48.5	1231.9	9.23	234.4
	9.3	0.9	5.875	149.23	72.5	1841.5	9.23	234.4
	12.4	1.2	5.875	149.23	96.5	2451.1	9.23	234.4
	15.4	1.4	5.875	149.23	120.5	3060.7	9.23	234.4
	18.5	1.7	5.875	149.23	144.5	3670.3	9.23	234.4
HP Baghouse - HPH, HPT, HPW	10.2	1.0	3 x 6.6	76.2 x 167.64	99	2515	7.26	184.4
HPB Baghouse	7.1	0.7	4.5	114.3	73	1854	7.07	179.6
	9.4	0.9	4.5	114.3	97	2464	7.07	179.6
	11.8	1.1	4.5	114.3	121	3073	7.07	179.6
MB Baghouse - MBT, MBW	8.0	0.7	6.14	155.96	60	1524	9.64	244.9
	9.6	0.9	6.14	155.96	72	1829	9.64	244.9
	12.8	1.2	6.14	155.96	96	2348	9.64	244.9
	16.0	1.5	6.14	155.96	120	3048	9.64	244.9
	19.2	1.8	6.14	155.96	144	3658	9.64	244.9
PJ & PJD Baghouse - PJ, PJD	7.6	0.7	4.85	123.19	77	1956	7.62	193.6
	10.1	1.0	4.85	123.19	101	2565	7.62	193.6
	12.7	1.2	4.85	123.19	125	3175	7.62	193.6
	15.2	1.4	4.85	123.19	149	3785	7.62	193.6
RF Baghouse	7.6	0.7	3 x 6.6	76.2 x 167.64	75	1905	7.26	184.4
	10.1	1.0	3 x 6.6	76.2 x 167.64	99	2615	7.26	184.4
	12.7	1.2	3 x 6.6	76.2 x 167.64	123	3124	7.26	184.4
	15.2	1.4	3 x 6.6	76.2 x 167.64	147	3734	7.26	184.4
RJ Baghouse	7.2	0.7	14.8 x 3.4	375.9 x 86.4	30	762	16.87	428.5
	10.3	1.0	14.8 x 3.4	375.9 x 86.4	43	1092	16.87	428.5
	12.9	1.2	14.8 x 3.4	375.9 x 86.4	54	1372	16.87	428.5
	15.8	1.5	14.8 x 3.4	375.9 x 86.4	66	1676	16.87	428.5
	18.7	1.7	14.8 x 3.4	375.9 x 86.4	78	1981	16.87	428.5
	21.6	2.0	14.8 x 3.4	375.9 x 86.4	90	2286	16.87	428.5
	24.4	2.3	14.8 x 3.4	375.9 x 86.4	102	2591	16.87	428.5
	30.2	2.8	14.8 x 3.4	375.9 x 86.4	126	3200	16.87	428.5
	35.9	3.3	14.8 x 3.4	375.9 x 86.4	150	3810	16.87	428.5

\* Rounded to the nearest inch (mm). \*\* Environmental conditions involving combinations of high temperature, corrosive material and moisture can reduce media strength. Reduction in media strength may compromise bag integrity and performance. \*\*\* A combination of chemicals may alter fiber resistance to the specified performance level. Chemical attack may compromise bag 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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