Donaldson®
Torit®

Dust Collection Filter Bags

Donaldson

Donaldson® Torit® Filter Bags

Join The Dura-Life™ Revolution

Donaldson® Torit® continually raises the bar in filter bag technology. Providing the widest range of filter bags for any baghouse collector, Donaldson Torit now offers Dura-Life™ bags—the biggest revolution in baghouse dust collection ever. Award-winning engineered Dura-Life filter bags last two to three times longer than standard polyester bags when replacing due to excessive pressure drop, improving the performance, efficiency and bottom line of your baghouse dust collector.

Breathe easier with filter bags from the worldwide leader in dust collection. From Dura-Life high performance bags to specialty bags no one can match Donaldson Torit's breadth and expertise. For the best filter bags that keep any brand of baghouse dust collector operating at its peak, rely on Donaldson Torit.

Donaldson Torit filter bags offer:

- **Dura-Life™—"Twice the Life" filter bags**
- **Available for most applications**
- **Extensive selection to fit any collector**
- **Improved efficiency**
- **Greater performance**
- **Best value**

RF Dust Collector

Dalamatic® Dust Collector

Modular Baghouse Collector

DURA•LIFE™
Twice The Life Filter Bags

Donaldson® Torit® Filter Bags

Innovation Is Our Bag

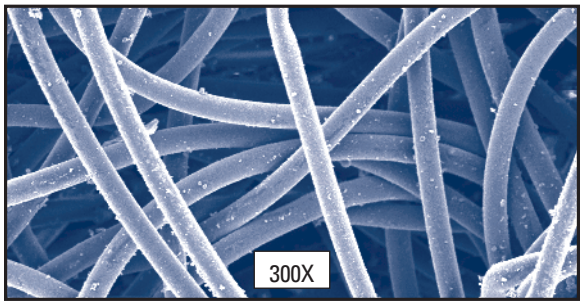
Breakthrough Technology As the global leader in filtration for over 90 years, Donaldson Torit continually engineers new baghouse dust collection technology that improves efficiency, raises performance and increases value. Award-winning Dura-Life filter bags are the latest filter bag breakthrough, giving manufacturers a more cost-effective, high performance alternative to conventional polyester and other filter bags.

The Proven Performance of Dura-Life

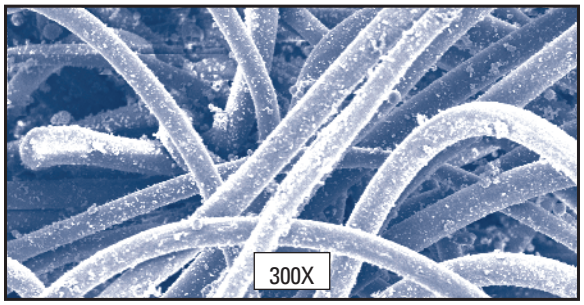
- Twice the bag life*
- Better surface loading of dust
- Improved pulse cleaning
- Lower pressure drop
- Reduced maintenance costs
- 99.9% efficiency**
- Energy savings
- Best value

Dura-Life Filter Media Dura-Life filter bags are engineered with a unique hydro-entanglement process that uses water to blend the bag fibers, creating a more uniform material with smaller pore size that provides better surface loading of dust and prevents penetration deep into the media. In contrast, conventional polyester bags are manufactured with a needling process that creates larger pores where dust can embed into the fabric, inhibiting cleaning and reducing bag life. With better surface loading, Dura-Life bags provide improved pulse cleaning and a lower pressure drop, which results in extended bag life, less maintenance time and cost, energy savings and greater filtration efficiency.

Dura-Life Bag-Clean Air Side



Polyester Bag-Clean Air Side



These photos were taken with a scanning electron microscope of bag media within a collector that was filtering fly ash. The bags were removed after 2,700 hours of use. Air-to-media ratio was 4.5 to 1. Pressure drop was 6 in. on polyester bags and 2 in. on Dura-Life.

* Based on pressure drop
** By mass

Donaldson® Torit® Filter Bags

Filter Bags Options

	Dura-Life Polyester	Dura-Life Nomex[1]	Dura-Life Epitropic	Dura-Life Oleophobic	Dura-Life Epitropic Oleophobic
Weight (oz.)	10.5	9.0	10.5	10.5	10.5
Thickness (inches)	0.050-0.060	0.09	0.058-0.068	0.058-0.068	0.058-0.068
Air permeability	35-40 cfm@0.5 "wg	42-54 cfm@0.5 "wg	43-51 cfm@0.5 "wg	35-40 cfm@0.5 "wg	43-51 cfm@0.5 "wg
Maximum operating temperature	275˚F (135˚C)	400˚F (205˚C)	275˚F (135˚C)	275˚F (135˚C)	275˚F (135˚C)
Maximum surge temperature	300˚F (150˚C)	425˚F (220˚C)	300˚F (150˚C)	300˚F (150˚C)	300˚F (150˚C)
Abrasion resistance	Good	Good	Good	Good	Good
Alkalies resistance	Good	Good	Good	Good	Good
Chemical resistance	Fair	Fair	Fair	Fair	Fair
Electrical resistance (ASTM IST 40.1)	NA	NA	<1x108 ohms[2]	NA	<1x108 ohms[2]
Subject to Hydrolysis	Yes	Yes	Yes	Yes	Yes
Oleophobicity drop test rating	NA	NA	NA	5.5 minimum	5.5 minimum
Available for Donaldson Torit baghouse collectors	DLMC, DLMV, DU, DY, HPB, HP, MB, PJ, PJD, RF, RJ, TJ	HP, MB, PJ, PJD, RF, TJ	DLMC, DLMV, DU, DY, HPB, HP, MB, PJ, PJD, RF, RJ, TJ	DLMC, DLMV, DU, DY, HPB, HP, MB, PJ, PJD, RF, RJ, TJ	DLMC, DLMV, DU, DY, HPB, HP, MB, PJ, PJD, RF, RJ, TJ
Available for all other brands of baghouse collectors	Buhler, Flex-Kleen, Golfetto, Kice, MAC, Mikropul, Wheelabrator, etc.				

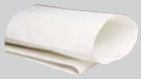
1 Nomex is a registered trademark of E.I. duPont de Nemours and Company.

Color Chart		
Dura-Life Medias	Specialized Medias	Standard Medias

Baghouse Acronym	Baghouse Name
DLMC	Dalamatic Cased
DLMV	Dalamatic Insertable
DU	Dalamatic Unit
DY	DAYNAMIC
HPB	HPB
HP	HPT, HPW, HPH
MB	MB, MBT, MBW
	Modular Baghouse
MTJ	MTJ
PJ	PJ
PJD	PJD
RF	RFT, RFW, RA
RJ	RJ
TJ	TJ

Donaldson® Torit® Filter Bags

Filter Bags Options

PTFE® Tetratex®	P84®	Ryton®	Polypropylene	 Polyester Felt Untreated	Polyester Felt Singed	Polyester Felt Glazed
16	14	16	16	16	16	16
0.060-0.080	0.050-0.060	0.050-0.060	.085-.100	0.060-0.080	0.060-0.080	0.060-0.080
10-12 cfm@0.5 "wg	NA	NA	25-35 cfm@0.5 "wg	25-35 cfm@0.5 "wg	25-35 cfm@0.5 "wg	25-35 cfm@0.5 "wg
275˚F (135˚C)	460˚F (240˚C)	375˚F (190˚C)	200˚F (95˚C)	275˚F (135˚C)	275˚F (135˚C)	275˚F (135˚C)
350˚F (180˚C)	460˚F (240˚C)	375˚ F (190˚C)	200˚F (95˚C)	300˚F (150˚C)	300˚F (150˚C)	300˚F (150˚C)
Excellent	Good	Good	Good	Good	Good	Good
Excellent	Poor	Excellent	Excellent	Good	Good	Good
Excellent	Poor	Excellent	Excellent	Good	Good	Good
NA	NA	NA	NA	NA	NA	NA
No	Yes	No	No	Yes	Yes	Yes
NA	NA	NA	NA	NA	NA	NA
DLMC, DLMV, DU, HP, MB, MTJ, PJ, PJD, RF, RJ, TJ	DLMC, DLMV, DU, HP, MB, MTJ, PJ, PJD, RF, RJ, TJ	DLMC, DLMV, DU, HP, MB, MTJ, PJ, PJD, RF, RJ, TJ	DLMC, DLMV, DU, HP, MB, MTJ, PJ, PJD, RF, RJ, TJ	DLMC, DLMV, DU, HP, HPB, MB, MTJ, PJ, PJD, RF, RJ, TJ	HP, MTJ, PJ, PJD, RF, TJ	HP, MB, PJ, PJD, RF, TJ
Buhler, Flex-Kleen, Golfetto, Kice, MAC, Mikropul, Wheelabrator, etc.						

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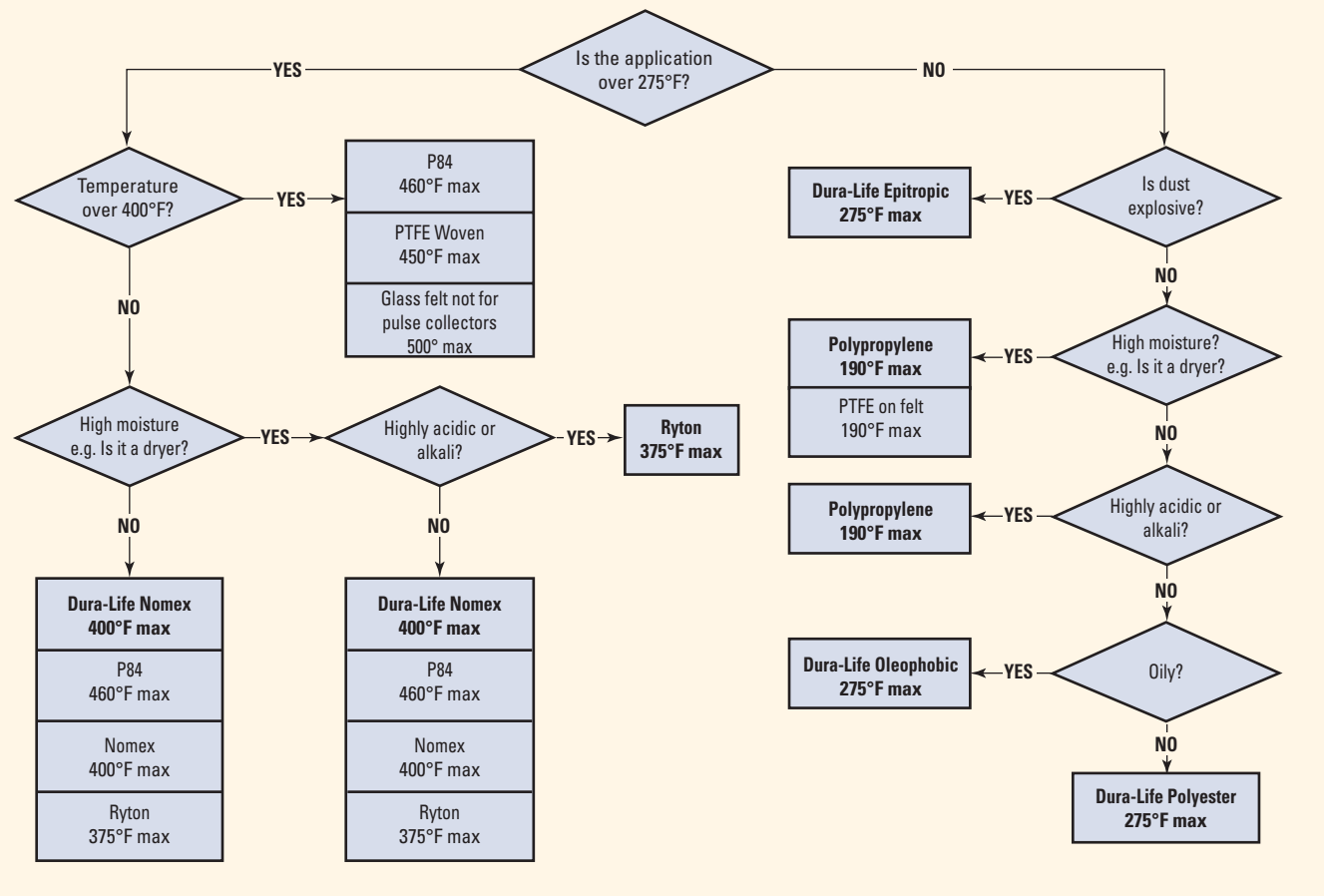
Dura-Life Delivers More Bag for the Buck

Don't be fooled by the initial lower purchase price of competitive replacement filter bags. Dura-Life bags last longer than conventional polyester, reducing bag change outs, replacement bag costs, downtime and maintenance time and expense.

Unique Dura-Life technology traps dust on the surface of the bag, allowing dust to be easily pulsed off during cleaning, which results in lower pressure drop and annual energy savings. Standard in all Donaldson Torit baghouses and available as replacement bags for all other brands of baghouses, Dura-Life delivers the best value to your bottom line.

Competitive Replacement Media Selection for Pulsed Bags



Items in **bold** denote the most logical choice. Dura-life is also intended as a replacement for glazed (mirror or eggshell) and singed polyester.

* Dura-life bags are made with Durapex® filter media manufactured by Polymer Group Inc.

Donaldson® Torit® Filter Bags

Unparalleled Service & Support

Here To Serve You Providing technically advanced filter bags with the longest filtration life is just one of Donaldson Torit's distinctions. When it comes to customer support, no other filter bag manufacturer can match Donaldson Torit's technical expertise and commitment. Rely on Donaldson Torit to help you choose the best filters for your applications.

- **Filter Selection** With the most extensive variety to choose from, Donaldson Torit offers the broadest selection of filter bags designed to meet the performance demands of specific applications.
- **Knowledgeable Support** Donaldson Torit aftermarket sales representatives help customers select the best filter bags for their application needs.
- **Quick Delivery** All in-Stock Donaldson Torit made filters are shipped within 24 hours of order placement.
- **Dura-Life Availability** Dura-Life bags are now standard in all Donaldson Torit baghouse collectors. Dura-Life replacement bags are available for our baghouse collectors as well as other brands of collectors.
- **Easy Access** For all types of filter bags, call Donaldson Torit customer service at 800-365-1331 or visit us at www.donaldsontorit.com and click on "Search Our Catalog."

Information in this document is subject to change without notice. U.S. Patents 3,015,158

Cleaner Air Worldwide

Better Technology

- 550 engineers worldwide
- More than 500 patents
- Broad range of innovative collectors and filters
- 100's of media formulations

Experience & Service

- Technical expertise and support
- Ready-to-ship filters and parts within 24 hours
- 1,000,000+ dust, fume, & mist collectors installed

Global Support

- Facilities in 35 countries
- 37 manufacturing plants and 11 distribution centers
- Sales offices worldwide

Donaldson®
Filtration Solutions

Donaldson Company, Inc.
Industrial Air Filtration
P.O. Box 1299
Minneapolis, MN
55440-1299 U.S.A.

Tel 800.365.1331 (USA)
Tel 800.343.3639 (within Mexico)
dustmktg@mail.donaldson.com
www.donaldsontorit.com

Call Donaldson Torit to get Cleaner Air today 800-365-1331

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