

Economical liquid bag filter elements for industrial and commercial bag housings.

Donaldson L-BE liquid filter bags provide a high contaminant holding capacity at an exceptional price and quality. The broad range of proprietary media, sizes, and options provides excellent filtration performance and consistency for many applications. Our polypropylene and polyester bags come in stainless steel and polypropylene ring options – offering a wide range of temperature compatibility. All bags are silicone-free for better surface results and reduced blockage.

FEATURES & BENEFITS

- All welded construction can provide higher efficiency and eliminate the chance of bypass.
- Meets FDA requirements for food and beverage contact.
- Manufactured under a certified ISO 9001 quality system.

APPLICATIONS

- Water
- Food & Beverage
- Oil
- Coolants
- Chemicals
- Electronics
- Inks/Paints/Coatings
- Pulp & Paper

SPECIFICATIONS

MATERIALS	
Filter Media	Needle Felt Polypropylene Needle Felt Polyester
Ring	Polypropylene 304 SS
Sealing	Welded, Welded and Sewn

RETENTION RATINGS	
Polypropylene	1, 5, 10, 25, 50, 100, 200 µm (Nominal)
Polyester	1, 5, 10, 25, 50, 100, 200 µm (Nominal)



L-BE

DIMENSIONS
See Table: Filter Bag Dimensions and Typical liquid Flow Rate for Sizing Recommendation

FDA LISTED MATERIALS
Manufactured from materials which are FDA listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations.

FILTER BAG DIMENSIONS AND TYPICAL LIQUID FLOW RATES FOR SIZING RECOMMENDATION

Size	Diameter Inch (mm)	Length Inch (mm)	Filtration Surface Area ft ² (m ²)	Flow Rate GPM (M ³ /hr)
Size 1 Filter Bag	7" (177.8)	16" (406.4)	2.6 (0.24)	90 (20)
Size 2 Filter Bag	7" (177.8)	32" (812.8)	5.0 (0.46)	180 (40)
Size 3 Filter Bag	4" (101.6)	8" (203.2)	0.8 (0.07)	25 (6)
Size 4 Filter Bag	4" (101.6)	14" (355.6)	1.5 (0.14)	50 (12)

FILTER MEDIA PROPERTIES (CHEMICAL-TEMPERATURE)

Media	Max. Temp. °F/°C)	Strong Acid Resistance	Weak Acid Resistance	Strong Alkali Resistance	Weak Alkali Resistance	Solvent
Polypropylene	200-220° F (93-104°C)	Excellent	Excellent	Good	Good	Fair
Polyester	275-325° F (135-162°C)	Good	Good	Excellent	Excellent	Good

This guide contains general recommendations.
Soak tests or trial use should be conducted to on the specific fluid to confirm compatibility

PRODUCT SLECTION

Bag Size	Media	Retention Rating (Nominal)	Ring Material	Sealing Method
1, 2, 3, 4	Polypropylene	1, 5, 10, 25, 50, 100, 200 µm	Polypropylene	Welding Type
	Polyester		304 SS	Welding with Sewn Type

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, specifications, availability and data are subject to change without notice, and may vary by region or country.



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**F117074 ENG (06/18) L-BE Liquid Bag Elements**

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