



L-BE

LIQUID FILTER BAG ELEMENTS

fits Donaldson L-BH housings

Process Filtration

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.

APPLICATIONS

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



L-BE

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.	

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)

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		Length		Filtration Surface Area		Flow Rate	
	mm	inches	mm	inches	cm ²	ft ²	lpm	gpm
Size 1 Filter Bag	178	7	406	16	2415	2.6	341	90
Size 2 Filter Bag	178	7	813	32	4645	5.0	681	180
Size 3 Filter Bag	102	4	203	8	743	0.8	95	25
Size 4 Filter Bag	102	4	356	14	1394	1.5	189	50

FILTER MEDIA PROPERTIES (CHEMICAL-TEMPERATURE)

Media	Max. Temp.		Strong Acid Resistance	Weak Acid Resistance	Strong Alkali Resistance	Weak Alkali Resistance	Solvent
Polypropylene	93° - 104° C	200° - 220° F	Excellent	Excellent	Good	Good	Fair
Polyester	135° - 163° C	275° - 325° F	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 SELECTION

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 and Sewn Type



[donaldson.com/process](https://www.donaldson.com/process)

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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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