



ROSEDALE  
PRODUCTS INC.

# HL Series Filter Bags

LONGER LIFE. GREATER DIRT HOLDING CAPACITY. EXCELLENT RESULTS.



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## FILTRATION SPECIFICATIONS

**Filter:** High Life Filter Bag

### HIGH LIFE FILTER BAGS

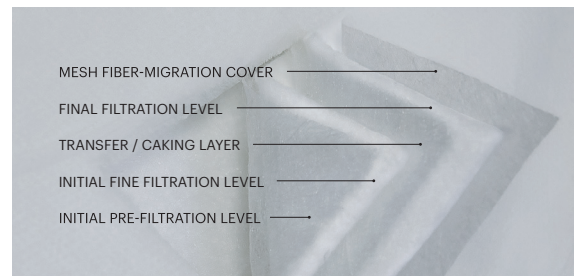
Rosedale's new HL Series Filter Bags have up to 3 times the dirt holding capacity of standard bags at the equivalent micron ratings. HL bags are easy to install and remove, and require less room in storage and disposal. Because the dirt is caught inside the bag, contaminant wash off downstream associated with exterior surface loading filter cartridges is avoided.

The HL Series bags produce excellent results when used as a pre-filter for membrane filtration and other fine filters.



### CONSTRUCTION DETAILS

These bags have 5 layers of filter material, each with 4.4 square feet of surface area. HL bags have a molded flange or stainless steel ring to ensure a positive seal with the filter housing. They are constructed with 2 gradient layers of polypropylene or polyester felt separated by a transfer/caking filter layer. The initial layer is for pre-filtration and the final layer is an anti media migration layer.



### LAYERED FILTRATION

#### IMPROVED LOAD & EFFICIENCY

The HL bag provides a 5 layer approach to filtration. Each surface has unique filtration characteristics and the central filtration layer encourages caking so more of the dirt is retained.

HL Series (Nominal)	>95% Efficiency
1	20um
10	40um
50	70um
100	125um



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Filter: High Life Filter Bag

#### DIRT CARRYING CAPACITY

Tests that were conducted using a size 2 bag and AC coarse test dirt at 40 GPM, show dirt holding capacities for the following filtration ratings (at 20 PSID).

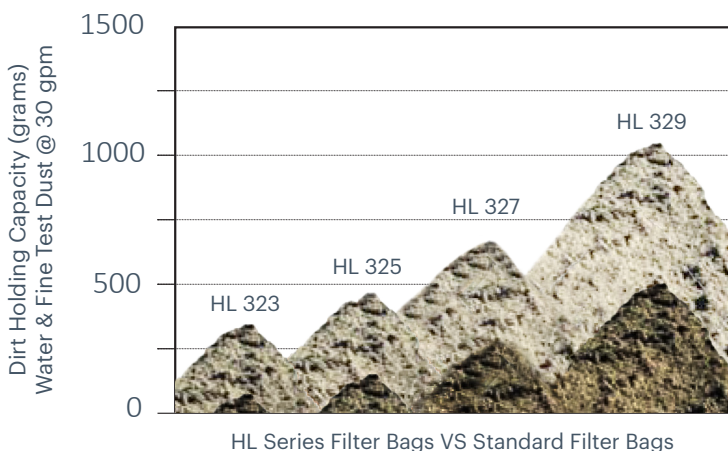
Micron Rating (95% Efficiency)	Model	Dirt Holding Capacity (in grams)
20	323	277
40	325	404
70	327	581
125	329	1033

#### DESIGN DETAILS

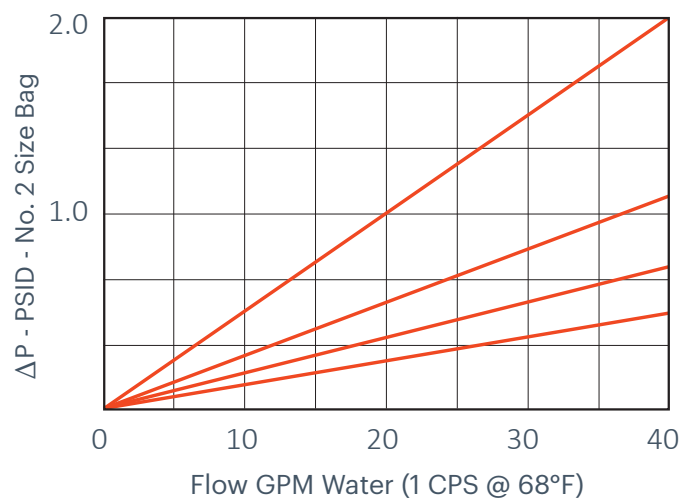
HL Series bags have a 304 stainless steel retaining ring sewn in their opening or a Rosedale Plastic Flange Top (RPE tops for Polyester Felt Bags or RPO tops for Polypropylene Felt Bags). Heavy-duty molded handles are a standard feature as part of the RPE/RPO top. They make bag removal faster and easier. The bags are made with sewn, fully-shaped bottoms to enhance the pressure capacities of the bags. There are two sizes available. Size 1 is 7 inches in diameter by 16 inches in length. Size 2 is 7 inches by 32 inches.



DIRT HOLDING CAPACITY  
(HL Series Size 2 Bag)



HIGH EFFICIENCY BAGS





**COST EFFECTIVE FILTRATION**

**Filter:** High Life Filter Bag

**HL Series Coding - How to Order**

**CONFIGURE YOUR PART NUMBER** (EXAMPLE: HL-PE-323-1-RPE)

Bag Type	Material	Micron Rating (95% Efficiency)	Bag Size (Dia. x Length)	Bag Top Styles
<b>HL</b> HL Series	<b>PE</b> Polyester	<b>323</b> 20 Micron	<b>1</b> 7in x 16in	<b>RPE</b> Polyester Media Top
	<b>PO</b> Polypropylene	<b>325</b> 40 Micron	<b>2</b> 7in x 32in	<b>RPO</b> Polypropylene Media Top
		<b>327</b> 70 Micron		<b>SS</b> 304 Stainless Steel Ring PE or PO Media
		<b>329</b> 125 Micron		



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