

# LIQUID FILTRATION



**502 267-8677**

## Standard and Custom Bags



**R. A. ROSS & ASSOCIATES, INC.**  
*Keeping process flowing since 1985*

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**PUMPS • FILTERS • BLOWERS • MIXERS • REPAIRS • SPECIALTY**



# Flange and Ring Type Bags



## Size 1

Fits all standard-length housings made by:

Eaton,  
FSI,  
GAF,  
Pentair,  
Rosedale,  
Strainrite

Area: 2.5 Sq. Ft.  
Diameter: 7.05"  
Length: 16.5"

## Size PC2

Fits Cuno  
Model PC2  
housings:

Area: 5.0 Sq. Ft.  
Diameter: 9.0"  
Length: 30.0"

## Size C2

Fits all Commercial-Parker filters standard-length housings:

Area: 4.4 Sq. Ft.  
Diameter: 7.31"  
Length: 32.0"

## Size 2

Fits all double-length housings made by:

Eaton,  
FSI,  
GAF,  
Pentair,  
Rosedale,  
Strainrite

Area: 4.4 Sq. Ft.  
Diameter: 7.05"  
Length: 32.0"



## Size 3

Fits the following housings:

Eaton,  
FSI,  
Pentair,  
Rosedale Model 4-6

Area: 0.8 Sq. Ft.  
Diameter: 4.12"  
Length: 9.0"

## Size PC1

Fits Cuno  
Model PC1 housings:

Area: 2.5 Sq. Ft.  
Diameter: 9.0"  
Length: 20.0"

## Size C1

Fits all Commercial-Parker filters standard-length housings:

Area: 2.0 Sq. Ft.  
Diameter: 7.31"  
Length: 16.5"

## Size 4

Fits the following housings:

Eaton,  
FSI Model FS-35,  
Pentair,  
Rosedale Model 4-12

Area: 1.3 Sq. Ft.  
Diameter: 4.12"  
Length: 14.0"

## Flange and Ring Type Bags



### Size 12

Fits Rosedale  
Model LLC-8-30:

Area: 5.6 Sq. Ft.  
Diameter: 8-3/8"  
Length: 32"

### Size 7

Fits Pentair,  
Rosedale  
Model 612:

Area: 1.3 Sq. Ft.  
Diameter: 5.6"  
Length: 15"

### Size 8

Fits Pentair,  
Rosedale  
Model 618:

Area: 2.0 Sq. Ft.  
Diameter: 5.6"  
Length: 21"

### Size 9

Fits Pentair,  
Rosedale  
Model 630:

Area: 3.3 Sq. Ft.  
Diameter: 5.6"  
Length: 32"

### RP1

Fits Ronning  
Petter Size 1:

Area: 3.5 Sq. Ft.  
Diameter: 8"  
Length: 30"

### RP2

Diameter: 8"  
Length: 40"

## Tie-On and Special Bags

Available in standard and custom designs  
With or without drawstrings in a variety of sizes



# How To Order Filter Bags

Build an ordering code as shown in this example.

Example: **PE-25 - P - 7 - S - H**

## FIBER AND MICRON RATINGS

Felt, polyester = **PE**  
 Microns: **1, 3, 5, 10, 25, 50, 75, 100, 200**  
 Felt, polypropylene = **PO**  
 Microns: **1, 3, 5, 10, 25, 50, 100, 200**  
 Mesh, monofilament = **NMO**  
 Microns: **1, 5, 10, 25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 400, 600, 800, 1000, 1200**  
 Mesh, monofilament polypropylene = **PMO**  
 Microns: **150, 200, 250, 300, 400, 600, 800**  
 Mesh, multifilament polyester = **PEM**  
 Microns: **75, 100, 125, 150, 200, 250, 300, 400, 600, 800, 1000, 1500**  
 Felt, Nomex = **HT**  
 Microns: **1, 5, 10, 25, 50, 100**  
 Polypropylene, micro fiber = **POMF**  
 Microns: **.5A, 1A, 2A, 10A, 25A**  
 Polyester, micro fiber = **PEMF**  
 Microns: **1, 2.5, 5, 10, 25**  
 Graded Density = **GD**  
 Series: **523, 525, 527, 529**

## BAG FINISH OR COVER

None (standard) = **P**  
 Fiber-free glazed, or singed finish = **G**  
 Polyester multifilament mesh cover = **PEM**  
 Spun-bonded nylon cover (Cerex) = **C**  
 Nylon multifilament mesh cover = **NM**

## OPTIONS

**H** = Handle  
**B** = Binding  
**XWB** = Xtra Wide Binding  
**WE** = Welded

## BAG STYLE

**S** = Carbon steel plated ring  
**SS** = Stainless steel ring  
**PP** = Polypropylene ring  
**T** = Drawstring  
**R** = No ring  
**P** = Polypropylene flange  
**POL** = Polypropylene flange  
**PEL** = Polyester flange  
**POSS** = Polypropylene flange  
**PESS** = Polyester flange  
**NYL** = Nylon flange  
**NYSS** = Nylon flange

## BAG DIMENSIONS

Symbol	Dia. (in.)	Length (in.)	Symbol	Dia. (in.)	Length (in.)
<b>1</b>	7-1/16	x 16-1/2	<b>RP-1</b>	8.0	x 30
<b>2</b>	7-1/16	x 32	<b>RP-2</b>	8.0	x 40
<b>3</b>	4-1/8	x 8	<b>PC-1</b>	9.0	x 20
<b>4</b>	4-1/8	x 14	<b>PC-2</b>	9.0	x 30
<b>5</b>	4-1/8	x 24	<b>P30</b>	4.0	x 10
<b>7</b>	5-5/8	x 15	<b>P65</b>	4.0	x 23
<b>8</b>	5-5/8	x 21	<b>X1</b>	4-5/16	x 8
<b>9</b>	5-5/8	x 32	<b>X2</b>	4-5/16	x 14
<b>11</b>	8-3/8	x 16-1/2	<b>X01-100</b>	5-7/8	x 21
<b>12</b>	8-3/8	x 32	<b>410</b>	4.6	x 8
<b>C-1</b>	7.31	x 16.5	<b>420</b>	4.6	x 18
<b>C-2</b>	7.31	x 31.0			

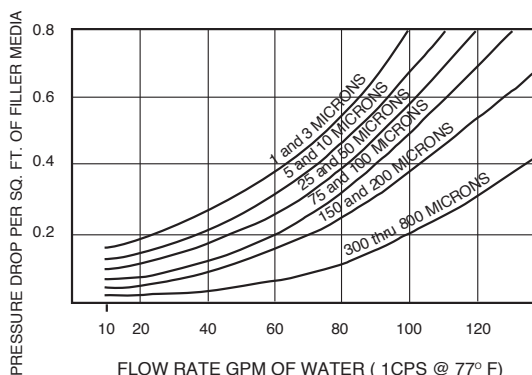
## Standard Fibers And Micron Ratings

Construction	Fiber	Available Micron Ratings																				
		1	3	5	10	15	25	50	75	100	125	150	175	200	250	300	400	600	800	1000	1200	1500
Felts	Polyester																					
	Polypropylene																					
	HT-High Temp																					
Multifilament Meshes	Polyester																					
	Nylon																					
Monofilament Meshes	Nylon																					
	Polypropylene																					

## Compatibility and Temperature Limits For Standard Bag Materials

Fiber	Compatibility With							
	Organic Solvents	Animal Vegetable & Petro Oils	Micro-Organisms	Alkalies	Organic Agents	Oxidizing Agents	Mineral Acids	Temperature-Limitations (max. deg. F)
Polyester	Excellent			Good				300
Polypropylene				Excellent		Good		200
Nylon				Good	Fair	Poor	325	

Bag Size	Surface Area (sq. ft.)	Viscosity (cps)	Correction Factor
		50	4.5
		100	8.3
		200	16.6
1	2.0	400	27.7
1 (inner)	1.6	800	50.0
2	4.4	1000	56.2
2 (inner)	3.6	1500	77.2
3	0.5	2000	113.6
4	1.0	4000	161.0
7	1.8	6000	250.0
8	2.0	8000	325.0
9	3.4	10000	430.0
12	5.6		



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