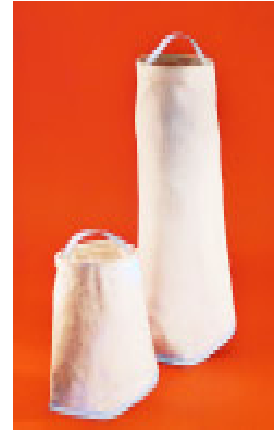
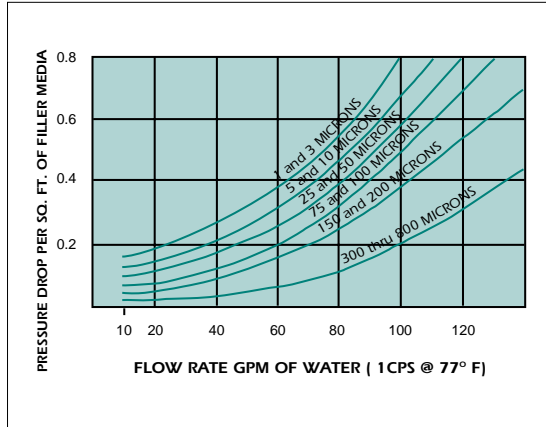


Pressure Drop Data

The graph shows pressure drop through clean filter bag media of various micron ratings. The curves do not consider pressure drop through the filter housing.



Bag Size Correction

To obtain pressure drop correction for a specific bag size, divide the pressure drop obtained from the graph by the area of the bag.

Viscosity Correction

If viscosity is higher than one, multiply the corrected pressure drop as obtained above by the appropriate viscosity correction factor.

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		

Standard Fibers And Micron Ratings Available Micron Ratings

Construction Fiber	1	3	5	10	15	25	50	75	100	125	150	175	200	250	300	400	600	800
Polyester	■	■	■	■	■	■	■	■	■									
Oil-Adsorb (pp)																		
Felts Polypropylene	■	■	■	■	■	■	■	■	■									
Nomex (Nylon)			■	■	■	■	■	■	■									
Teflon®				■														
Multifilament Polyester								■	■	■	■	■	■	■	■	■	■	■
Meshes Nylon									■		■							■
Monofilament Polypropylene																		■
Meshes Nylon			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

Compatibility and Temperature Limits For Standard Bag Materials*

Fiber	Organic Solvents	Animal Vegetable & Petro Oils	Micro-Organisms	Alkalies	Organic Acids	Oxidizing Agents	Mineral Acids	Temperature Limitations (max. deg. F)
Polyester	Excellent	Excellent	Excellent	Good	Good	Good	Good	325
Polypropylene	Excellent	Excellent	Excellent	Excellent	Excellent	Good	Good	225
Nylon	Excellent	Excellent	Excellent	Good	Fair	Poor	Poor	325
Nomex Nylon	Excellent	Excellent	Excellent	Good	Fair	Poor	Poor	450
Teflon	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	500

* Chart is to be used as a guide. User should make tests with specific media to assure compatibility

Filter Bag Sizes

Used on Rosedale Model No.	Bag Size	Length (inches)	Diameter (inches)	Surface Area (sq. ft.)	Bag Volume (gallons)
4-6	3	8	4.12	0.5	0.5
4-12	4	14	4.12	1.0	1.0
6-12	7	15	5.62	1.3	1.3
6-18	8	21	5.62	2.0	1.5
6-30	9	32	5.62	3.4	2.8
8-15	1	16.5	7.06	2.0	2.1
	1 (inner)	14.5	5.75	1.6	1.7
	2	32	7.06	4.4	4.6
8-30 and 16 thru 36	2 (inner)	30	5.75	3.6	3.8
LCO	12	32	8.37	5.6	6.0

R How To Order

Build an ordering code as shown in this example

Micron ratings are nominally rated - see page 106 for absolute crossover rating

Example: PE-25 - P - 7 - S - SS

Fiber and Micron Ratings
 Felt, polyester = **PE**
 Microns: **1, 3, 5, 10, 15, 25, 50, 75, 100, 200**

Felt, polypropylene = **PO**
 Microns: **1, 3, 5, 10, 25, 50, 100**

Felt, Oil-Adsorb, 25-micron = **OA 25**

Felt, Nomex = **HT**
 Microns: **5, 10, 25, 50, 100**

Felt, Teflon, 10-micron = **TE 10**

Mesh, monofilament = **NMO**
 Microns: **5,10, 25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 400, 600, 800**

Mesh, monofilament polypropylene = **PMO**
 Microns: **300, 600**

Mesh, multifilament polyester = **PEM**
 Microns: **75, 100, 125, 150, 200, 250, 300, 400, 800**

Additional Options
SS = Stainless steel ring

Bag Style
S = Plated ring

Bag Dimensions

Symbol	Dia. (in.)	Length (in.)	Housing Model
1	7-1/16	x 16-1/2	8-15
2	7-1/16	x 32	8-30
3	4-1/8	x 8	4-6
4	4-1/8	x 14	4-12
7	5-5/8	x 15	6-12
8	5-5/8	x 21	6-18
9	5-5/8	x 32	6-30
12	8-3/8	x 32	LCO

Bag Finish Or Cover
P = None (standard)
G = Fiber-free glazed finish
C = Spun-bonded nylon cover (Cerex)
R = Spun-bonded polyester (Remay) cover

Inner Bags for Model 8 or Multibag Filters
 To order inner bags, use a second, separate ordering code. It should be built using the system shown above, but prefixed by the symbol "IN". **Example: IN-PE 25 P 2 S-SS**