

HOW TO ORDER FILTER BAGS Build an ordering code as shown in the example

CONSTRUCTION

Felt Bags: Felt construction is generally chosen where smaller particle retention is required, in the 1 to 100 micron range. It offers higher solids loading capacity than mesh. General purpose felt bags are offered in polyester and polypropylene. Mesh bags: Mesh is a woven construction, generally used where micron ratings of 5 to 800 (660 to 20 mesh) are required. Two types are offered.

The **multifilament** mesh is a low cost, disposable material, offered in polyester or nylon.

Monofilament mesh has higher strength, and is available in polypropylene or nylon. It should be considered cleanable.

FELT BAG FINISHES AND COVERS

Standard finish: Plain, as manufactured, without treatment or covers.

Glazed finish: The outermost surface fibers are melted by the momentary application of high heat. This bonds them to one another and effectively reduces the possibility of their breaking off. This finish is not available on high temperature bags.

Mesh Covers: Covers are available that completely encase the bag. Made of woven polyester mesh, nylon mesh, spun-bonded nylon (Cerex), or spun-bonded polyester (Remay), they act to contain any fibers that may separate from the filter bag.

DESIGN DETAILS

All Flow Ezy filter bags have a metal retaining ring at their opening. Standard ring material is cadmium-plated carbon steel, with 316 stainless steel optional. Heavy-duty handles, sewn to the reinforced bag lip, are a standard feature. They make bag removal faster and easier.

NOTE:

- Flanges provided with the housing match the pressure rating of the vessel. Housings rated 150 psi have 150 class flanges. Housings rated 300 psi have 300 class flanges. ANSI B16.5 Pressure-Temperature rating tables determine flange class for ASME code housings. Consult factory.
- Higher pressure ratings available. Consult factory.
- Filter bags are specified separately.

Minimum quantity on non-standard sizes / materials. Consult factory.

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

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

= PE

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

= PO

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
Microns: 300, 600

= PMO

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

= PEM

Mesh, multifilament nylon (heavy)
Microns: 800

= HNM

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

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 =	5-1/8 x	15	6-12
8 =	5-1/8 x	21	6-18
9 =	5-1/8 x	32	6-30
12 =	5-1/4 x	32	LCO

Bag Finish Or Cover

P = None (standard)

G = Fiber-free glazed finish

PEM = Polyester multifilament mesh cover

NM = Nylon multifilament mesh cover

C = Spun-bonded nylon (Cerex) cover

R = Spun-bonded polyester (Remay) cover

FILTER BAG SIZES

USED ON FLOW EZY 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	5.10	1.3	1.3
6-18	8	21	5.10	2.0	1.5
6-30	9	32	5.10	3.4	2.8
	1	16.5	7.06	2.0	2.1
8-15	1 (inner)	14.5	5.75	1.6	1.7
8-30	2	32	7.08	4.4	4.5

