

# Liquid Bag Filtration

## Standard Felt Liquid Filter Bag Top Design Elements

### Felt Bag Materials

- Constructed of 100% polypropylene, polyester, Nomex®, and Teflon®
- All materials meet FDA regulations for indirect food contact under 21CFR177 (current revision).

The proper combination of fiber diameters, weights and thicknesses result in an economical depth filter media. To reduce fiber migration in critical processes, we offer two optional bag finishes at no additional cost: a glazed (G) finish for polypropylene (PO) bags; a singed (S) finish polyester (PE) and Nomex® (HT) bags.

### Micron ratings from 1 to 200

- Available in standard and custom sizes
- High flow/low pressure drop
- Broad chemical compatibility
- Handles standard
- Choice of metallic rings (carbon steel, 304 stainless steel, titanium), polypropylene ring, snap ring, drawstring and a variety of plastic flanges to fit most all commercial housings
- Sewn or Welded Construction
- Non-fiber releasing (with singed or glazed option)



### Bag Top Design Elements



# Liquid Bag Filtration

## Standard Felt Liquid Filter Bag Ordering Code

### Example Ordering Code

PE - 10 - G2 - S - WE

1 - 2 - \*3 - 4 - 5

### 1 & 2: Materials of Construction and Micron Rating

Code	Description	Available Microns
PE	Polyester Felt Temp Rating 275 deg F	1, 3, 5, 10, 25, 50, 75, 100, 200
PO	Polypropylene Felt Temp Rating 160 deg F	1, 3, 5, 10, 25, 50, 75, 100, 200
HT	Nomex Felt Temp Rating 425 deg F	1, 5, 10, 25, 50, 75, 100, 200
PEMF	Polyester Microfiber Temp Rating 160 deg F	1, 2, 5, 10, 25, 50 (absolute)
POMF	Polypropylene Microfiber Temp Rating 160 deg F	1, 2, 5, 10, 25, 50 (absolute)
OA	High Capacity Oil Absorbing Temp Rating 160 deg F	1, 2, 5, 10, 25, 50 (absolute)

### 3: Bag Dimensions / Size

Code	Diameter (in)	Length (in)
1	7.06	16.50
2	7.06	32
3	4.12	8
4	4.12	14
5	4.12	24
7	5.50	15
8	5.50	21
9	5.50	31
11	8.50	16
12	8.50	30
C1	7.31	16.50
C2	7.31	32.50
RP1	8	30
RP2	8	40
U1	9	20 (CUNO)
U2	9	30 (CUNO)
P30	4	10
65	4	23
X1	4.35	8
X2	4.35	14
XO1	6	22
410	4.60	8
420	4.60	18
5GP	5 Gallon Bucket	-

### 4: Bag Top Design

Code	Description
S	Galvanized Carbon Steel Ring (Handle)
SB	Snap Band (use with C1 and C2) (Handle)
SS	304 Stainless Steel Ring (Handle)
PP	Polypropylene Ring (Handle)
T	Titanium Ring (Handle)
NR	No Ring (Handle)
DS	Drawstring (No Handle)
OSS	Plastic Flange (Rosedale Style)
F	Plastic Flange (FSI Style)
P	Plastic Flange (Universal Style)

Note: Plastic flanges are constructed of a special blend of polyester and polypropylene with a Temp rating of 250 deg F.

### 5: Bag Construction and Options

Code	Description
NH	No Handle
No Symbol / Blank	Sewn Seam Construction (Standard)
WE	Welded Construction (available for any plastic flange)
EB	Edge Binding*
TTA	Turn, Top Switch, Auto Seam
RC	Reverse Collar
A	Auto Seams
SB	Spun Bond Cover*
MC	150 NMU Mesh Cover*

\* Available for bag size 1, 2, 3, 4, 5, 7, 8, 9

### \* : Bag Finish

Code	Description
P	Plain (PE, PO)
S	Fiber-Free Singed (PE, HT)
G	Fiber-Free Glazed (PO)

Custom bags and additional options available, contact the Filtration Knowledge Center to discuss your requirements.

