

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



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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.

