

# Liquid Bag Filtration

## Standard Mesh Monofilament & Multifilament

### Mesh Bag Top Design Elements

#### Monofilament Mesh:

Single strand nylon with retention ratings from 1 $\mu$ m to 1000 $\mu$ m nominal.

#### Multifilament Mesh:

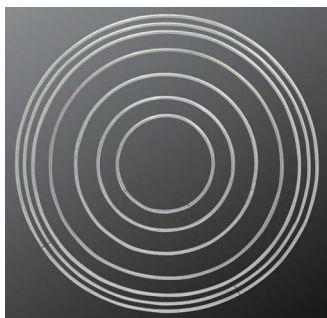
Strong fabric woven from twisted strands. Particle retention ratings from 100 $\mu$ m to 1500 $\mu$ m nominal.

### Micron ratings from 1 to 1500

- Industry standard and custom sizes available
- High flow/low pressure drop media
- Wide 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
- Temperature ratings to 350 deg F
- All materials meet FDA regulations for indirect food contact under 21CFR177 (current revision).



### Bag Top Design Elements



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### Ordering Code

NMO - 100 - P2 - S - WE

1 - 2 - 3 - 4 - 5

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

| Code | Description  | Available Microns             |
|------|--|-------------------------------|
| NMO  | Nylon Monofilament Mesh<br>Temp rating 350 deg F         | 1, 5, 10, 15, 25,             |
|      |  | 35, 45, 55, 75,               |
|      |  | 100, 150, 200,                |
|      |  | 250, 300, 400, 600, 800, 1000 |
| PMO  | Polypropylene Monofilament Mesh<br>Temp rating 180 deg F | 200, 250, 300,                |
|      |  | 400, 600, 800                 |
| PEM  | Polyester Multifilament Mesh<br>Temp rating 275 deg F    | 100, 150, 200,                |
|      |  | 250, 300, 400,                |
|      |  | 600, 800, 1500                |
| NMU  | Nylon Multifilament Mesh<br>Temp rating 350 deg F        | 100, 150, 200,                |
|      |  | 250, 300, 400,                |
|      |  | 600, 800, 1500                |

#### 3: Bag Dimensions / Size

| Code | Diameter (in)   | Length (in) |
|------|-----------------|-------------|
| P1   | 7.06            | 16.50       |
| P2   | 7.06            | 32          |
| P3   | 4.13            | 8           |
| P4   | 4.13            | 14          |
| P5   | 4.13            | 24          |
| P7   | 5.50            | 15          |
| P8   | 5.50            | 21          |
| P9   | 5.50            | 32          |
| P11  | 8.50            | 16.50       |
| P12  | 8.50            | 32          |
| PC1  | 7.31            | 16.50       |
| PC2  | 7.31            | 31          |
| PRP1 | 8               | 30          |
| PRP2 | 8               | 40          |
| PU1  | 9               | 20 (CUNO)   |
| PU2  | 9               | 30 (CUNO)   |
| PP30 | 4               | 10          |
| PP65 | 4               | 23          |
| PX1  | 4.35            | 8           |
| PX2  | 4.35            | 14          |
| PXO1 | 6               | 21          |
| P410 | 4.60            | 8           |
| P420 | 4.60            | 18          |
| P5GP | 5 Gallon Bucket |             |

#### 4: Bag Top Design

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

Handles are standard on all ring style bags.

#### 5: Bag Construction and Options

| Code | Description                 |
|------|-----------------------------|
| NH   | No Handle                   |
| EB   | Edge Binding                |
| TTA  | Top, Turn Stitch, Auto Seam |
| RC   | Reverse Collar              |
| A    | Auto Seams                  |
| SB   | Spun Bond Cover             |
| MC   | 150 NMU Mesh Cover          |

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