

# 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:

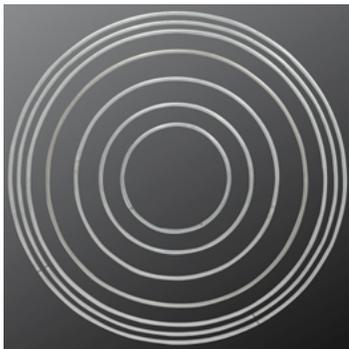
Strong fabric woven from twisted strands. Particle retention ratings from 100 $\mu$ m to 1500 $\mu$ m nominal.

### 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



# Liquid Bag Filtration

## Standard Mesh Monofilament & Multifilament Ordering Code

### Example 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 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 Temp rating 180 deg F	200, 250, 300, 400, 600, 800
PEM	Polyester Multifilament Mesh Temp rating 275 deg F	100, 150, 200, 250, 300, 400, 600, 800, 1500
NMU	Nylon Multifilament Mesh 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.

