

## Filter Fabric Qualities

Fabric	Cotton	Polyester	Glass	Nylon	Nomex	Polypropylene
Specific Gravity	1.55	1.38	2.56	1.14	1.14	0.9
Tensile Strength	44 - 109	64 - 124	200 - 215	58 - 128	58 - 128	50 - 85
Abrasion & Flex	Fair	Very Good	Poor	Excellent	Very Good	Very Good
Weak Acids	Poor	Very Good	Excellent	Fair	Fair	Excellent
Strong Acids	Poor	Good	Good	Poor	Poor	Excellent
Weak Alkali	Excellent	Good	Fair	Excellent	Excellent	Excellent
Strong Alkali	Excellent	Poor	Poor	Excellent	Excellent	Excellent
Solvents	Good	Good	Excellent	Good	Good	Fair
Temperature (F°)	200 - 240°	275 - 325°	500 - 600°	275 - 300°	400 - 450°	200 - 220°

## Filter Bag Data

Bag Size	1	2	3	4	X01	XL
Surface Area Per Bag (ft2/m2)	2.0/0.19	4.4/0.41	0.5/0.05	1.0/0.9	2.0/0.19	5.3/0.49
Volume Per Bag (gal*/liter)	2.1/7.9	4.6/17.3	0.37/1.4	0.67/2.5	2.1/7.9	5.5/0.51
Bag Diameter (inch/cm)	7.0/17.8	7.0/17.8	4.0/10.2	4.0/10.2	6.0/15.2	9.25/23.5
Bag Length (inch/cm)	16/40.65	32.0/81.3	8.25/20.9	14.0/35.5	22/55.9	32/81.3
FSI Filter Vessel Model Number	FSPN-40 CBFP-11	FSPN-85 FSPN-250 CBFP-12 and all multi-hole vessels	FSPN-20 BFN-13	FSPN-35 BFN-14	X100B	XL234

## PONG/PENG FELT FILTER BAGS



### Providing Consistent Performance

The FSI PONG filter bag is one of the most versatile and popular bags on the market. Made from a non-inserted polypropylene felt with a glazed surface finish, the standard bag incorporates the PolyWeld® welded seam design. The Polyloc® ring provides hermetic sealing, preventing steel ring bypass problems. And the welded seam eliminates unfiltered liquid bypass occurring due to needle holes. The PENG filter bag is made from non-inserted polyester, and can be ordered with the polyester Polyloc ring.

These bags come in a variety of sizes and ring seals to suit your vessel requirements.

### Standard Bag Sizes (Continued)



**SIZE 3:**  
 Diameter: 4" (10.2 cm)  
 Length: 8.25" (20.9 cm)  
 Compatible with FSI Filter Model  
 FSP/FSPN-20  
 and the BFN-13.



**SIZE 4:**  
 Diameter: 4" (10.2 cm)  
 Length: 14" (35.5 cm)  
 Compatible with FSI Filter Model  
 FSP/FSPN-35  
 and the BFN-14.

### HOW TO ORDER

Example: **BPONG10P2PC**

#### Type of Filter:

B = Bag

#### Material:

PE = Felt, Polyester  
 PO = Felt, Polypropylene  
 HT = Felt, High Temp.  
 TFE = Felt, Teflon  
 N = Felt, Nylon

N = Non-inserted felt

I = Inserted felt

G = Glazed finish (felt)

F = Fuzzy finish  
 (polyester felt only)

#### Micron Rating:

PO: 1, 3, 5, 10, 25, 50, and 100  
 PE: 1, 3, 5, 10, 25, 50, 75, 100, 200  
 (refer to Pg. 11 for other felt materials)

#### Cover:

P = Plain (no cover)  
 PEM = Polyester multifilament  
 NMO = Nylon monofilament

#### Size:

1: 7" x 16"	5*: 6 7/8" x 34"
2: 7" x 32"	6*: 6 7/8" x 16 1/2"
3: 4" x 8.25"	7: 5 1/2" x 16"
4: 4" x 14"	8: 5 1/2" x 22"
	9: 5 1/2" x 33"

#### Ring:

P = Polyloc                      PE = Polyester Polyloc  
 N = Nylon Polyloc            C = Cuno  
 S = Snap fit metal  
 SSS = Stainless steel snap fit  
 CO = Commercial steel ring  
 COP = Commercial plastic ring  
 RP = Ronningen-Petter snap fit  
 RPP = Ronningen-Petter plastic ring  
 RPF = Ronningen-Petter flange

#### Suffix:

WE\*\* = Welded seam construction  
 A = Auto construction            LOOPS = Loops  
 C = Cotton handle                N = Nylon handle  
 W = DI Washed                    R = Reverse collar

#### NOTE:

\* = Sizes 5, 6, available with S ring only.  
 \*\* = Available in Sizes 1 and 2, Polypropylene  
 and Polyester non-inserted only.