

BOS5
BOS10
BOS25
BOS35
BOS50
BOS75
BOS100

POLYMICRO[®]
SEAMLESS
FILTER BAGS

SEAMLESS DESIGN OFFERS
PRECISE FILTRATION, PRODUCT
CLEANLINESS, HIGH FLOW RATES,
AND LONG SERVICE LIFE



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POLYMICRO® SEAMLESS FILTER BAGS

FEATURES	BENEFITS
Seamless construction	No fluid bypass through needle holes
Continuous filament structure	No short fibers
High strength thermally bonded fibers	Dimensionally stable filter medium
100% Microfiber—graded pore design	Long service life High dirt loading Low initial pressure drop
Pure fibers contain no sizing, bonding adhesive, resin, lubricant, silicone, or antistatic chemicals	FDA compliant Fast rinse-in to 18 MEGOHM Low TOC content Non-foaming
Polyloc® Ring	Hermetic seal of filter bag within housing to prevent liquid bypass
Fibers are oil adsorbent	Filter bags will absorb oil from air, gas, or aqueous streams
Compacts easily / Incineratable	Reduces waste disposal

STANDARD BAG SIZE	COLLAR
#1 — 7" dia. x 16" long	Polyloc ring
#2 — 7" dia. x 32" long	Polyloc ring
Suggested differential pressures:	35 PSIG maximum — dirty 10 – 15 PSIG optimum change-out 1 – 3 PSIG initial
Operating temperature:	200°F maximum — polypropylene

Patent No. 4,983,292

TO LEARN MORE ABOUT FILTER SPECIALISTS, INC. PRODUCTS, CONTACT OUR OFFICE BELOW OR VISIT OUR WEB PAGE: <http://www.fsifilters.com>.



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BOS-003-297 PRINTED IN USA

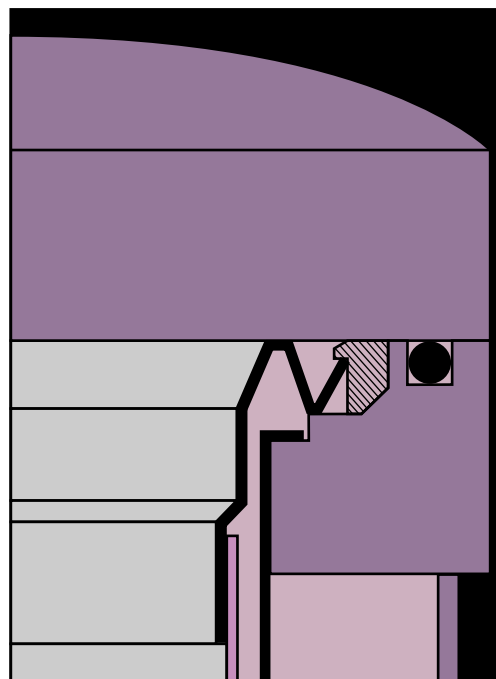
MICRON RATINGS—98% Efficiency

5	50
10	75
25	100
35	

MATERIAL

Polypropylene

POLYLOC® SNAP-FIT BAG SEAL



BOS3PMAX
BOS5PMAX
BOS10PMAX
BOS25PMAX

BOS MAX HEAVY DUTY, EXTENDED LIFE FILTER BAGS

SEAMLESS CONSTRUCTION ELIMINATES UNFILTERED LIQUID BYPASS

CARTRIDGE INSERT FOR LARGER DIRT HOLDING CAPACITY, LONGER SERVICE LIFE AND FEWER CHANGE-OUTS

POLYLOC RING SEAL ELIMINATES BYPASS AND PROVIDES EASY INSTALL/REMOVAL OF FILTER BAG

SILICONE FREE AND FDA COMPLIANT

ABSOLUTE 98% EFFICIENCY



BOS3PMAX
 BOS5PMAX
 BOS10PMAX
 BOS25PMAX

BOS MAX HEAVY DUTY, EXTENDED LIFE FILTER BAGS



FEATURES

FEATURES	BENEFITS
Seamless construction	Eliminates bypass through needle holes
Semi-rigid microfiber cartridge insert	Larger dirt holding capacity Lasts longer Absorbs smaller particles Filters wider range of particle sizes
Multi-filament mesh cover	Extra strength Costs less
100% polypropylene microfibers contain no sizing, resin, lubricant, bonding adhesive, silicone or anti-static chemicals	FDA compliant Fast rinse-in to 18 MEGOHM Low TOC content Non-foaming
Polyloc® ring	Restricts liquid bypass up to 35 psi Quick and easy install/removal

STANDARD BAG SIZES

STANDARD BAG SIZES	COLLAR
#1* 7" diameter x 16" long	Polyloc® Ring (Polypropylene)
#2) 7" diameter x 32" long	Polyloc® Ring (Polypropylene)

Suggested Differential Pressures:	35 PSIG maximum — dirty 10 – 15 PSIG optimum changeout 1–3 PSIG initial
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Operating Temperature:	200°F maximum — polypropylene
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*Size #1 available by June '99 Only fits FSI baskets that accept Polyloc® Ring

APPLICATIONS

BOS MAX filter bags are ideal for these applications:

- Bottled water
- Fructose
- Makeup water
- Edible oils
- Amines
- Heat transfer oils
- Glycols
- Paints/chemicals
- Cooling water
- Coolants
- Synthetic coolants
- Potable water
- Waste water
- Storm water
- Ground water
- Corn syrup

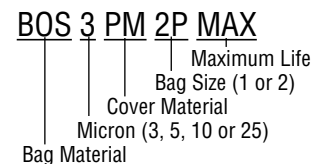
MICRON RATINGS — 98% Efficiency

Microns	FSI BOS MAX Dirt Holding Capacity	OTHER BRAND Dirt Holding Capacity**
3 micron*	540 g.	235 g.
5 micron*	600 g.	350 g.
10 micron*	1180 g.	690 g.
25 micron*	1220 g.	740 g.

* 98% efficiency absolute rating
 ** 25 GPM w/SAE Fine Test Dust

The extended life and increased efficiency of the BOS MAX is a result of its unique construction and advanced design. A semi-rigid cartridge inserted in a layered, graded pore bag structure (shown above) provides increased thickness for much greater depth filtration than conventional filter bags, and up to four times more than the BOS bag. Its larger dirt-holding capacity and seamless construction means fewer change-outs, longer life and less downtime. The BOS MAX is FDA compliant and silicone-free. And unlike conventional filter bags, it comes with a Polyloc® top to eliminate unfiltered bypass and ensure quick and easy install/removal.

PART NUMBER IDENTIFICATION



Filter Specialists, Inc.
 ISO CERTIFIED

TO LEARN MORE ABOUT FILTER SPECIALISTS PRODUCTS, CONTACT ONE OF OUR OFFICES OR VISIT OUR WEBSITE AT: <http://www.fsifilters.com>

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