

# BOS

## GRADIENT

The First Filter Element of Its Kind



FILTER SPECIALISTS, INC.

*Innovative Solutions. Clear Results.*



*Introducing the*

# BOS Gradient Filter Element...

The First Filter Element of Its Kind

*Seamless design, gradient density!*

*The Depth of a Cartridge with the Convenience of a Bag*

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## GRADIENT

**Microfiber-Polypropylene** ■

**True Gradient Density -** ■  
**Not Layered**

**Absolute Filtration -** ■  
**from 3 to 125 microns**

**Seamless Construction** ■

**Thermally Bonded Ring** ■

*Up to 18 times the life of other products!\**

\*Depending on particle distribution and application.

# Special Applications Require Special Filtration Solutions

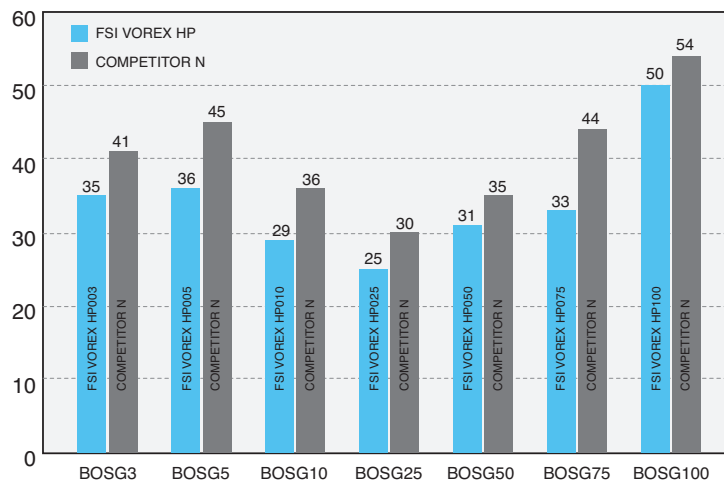
Once again, FSI has you covered!

- **Water Filtration**
- **Prefilters for Water Bottling**
- **Process Water**
- **Beer and Wine**
- **Membrane Prefilters**
- **Chemicals**
- **Food and Beverages**
- **Inks and Dyes**

FEATURES	BENEFITS
Gradient Density	Up to 18 times extended life compared to other products, dependent upon particle distribution and application
	Longer life means fewer bag changes which results in lower labor costs and less loss of product
	Not compressible in operation providing greater dirt holding capacity
	Designed for typical broad particle distribution applications*
	Will allow more efficient filtration (lower micron) without sacrificing product life
Microfiber	Adsorbs up to 16 times its own weight in hydrocarbons (Oils)
	Inventory reduction. Eliminates need for stocking "Oil" bags
	Thermally bonded, with no lubricants or surface active agents
Polyloc Ring	Elimination of by-pass around filter element
Fits existing FSI basket	No retrofit costs

\*For applications with narrow particle distribution, contact your FSI representative.

## Cartridge to Bag Equivalent (10" Cartridges)



## HOW TO ORDER

Example

**BOS GR 50 PM 2 P**

**CODE:**

Seamless Polypropylene

**TYPE:**

Gradient

**MICRON:**

3, 5, 10, 25, 50, 75, 100, 125

**COVER:**

Polypropylene

**SIZE:**

2 = 7" diameter x 29" long

**RING:**

Polypropylene Polyloc

## EFFICIENCY RATINGS

### BOS GRADIENT PRESSURE DROPS

Product	Micron Rating (98% Efficient)	GPM @ 1psid
BOSG	3	14
BOSG	5	16
BOSG	10	26
BOSG	25	*
BOSG	50	*
BOSG	75	*
BOSG	100	*
BOSG	125	*

\* Pressure Drop is less than 1 PSID at 60 GPM

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Patent Pending

Filter Specialists, Inc. is a leader in filtration products. FSI offers custom filter design and manufacturing. For more information on other products and services, visit [www.fsifilters.com](http://www.fsifilters.com) or email [sales@fsifilters.com](mailto:sales@fsifilters.com).

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