

## Pleated Bags with Ultra-Web<sup>®</sup> SB

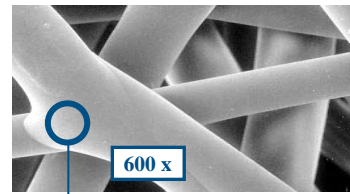
### The Ultra-Web<sup>®</sup> Advantage is Cleaner Air

▶ Nanofibers are scientifically proven to have an advantage in efficiency and pressure drop. Ultra-Web nanofibers are patented and made with an electrospinning process that produces a very fine, continuous fiber of 0.2-0.3 micron in diameter to form a permanent web-like net with very fine interfiber spaces. This nanofiber “web” is constructed on a variety of media, resulting in:

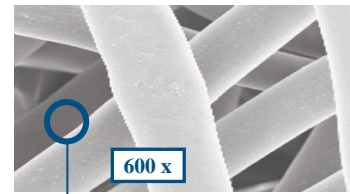
- ▶ Advanced media that captures submicron and larger dust particles
- ▶ A media that traps dust on the surface and promotes self-cleaning
- ▶ Better pulse cleaning and lower stabilized pressure drop
- ▶ Cleaner air, longer filter life, and greater cost savings



10 Micron Particulate, Ultra-Web<sup>®</sup> SB Nanofiber Technology



10 Micron Particulate, Spunbond Media



10 Micron Particulate, Standard 550 g/m<sup>2</sup> Polyester Media

### There is more to Ultra-Web<sup>®</sup> than meets the Eye

▶ Ultra-Web SB media is the only spunbond media on the market that can capture submicron particles. Particles that are so small, they can't be seen by the human eye.

Pleated Bag Filter	3-10 μm	1-3 μm	0.3-1 μm
Ultra-Web <sup>®</sup> SB Pleated Bags*	Excellent	Excellent	Excellent
BonDura <sup>™</sup> Pleated Bags	Excellent	Fair	Fair
Torit-TEX <sup>™</sup>	Excellent	Excellent	Excellent

Available Dimensions (in mm)	Top Load	Bottom Load
Diameter	9 diameters; 127 up to 160 (tube sheet diameter)	117.5 (diameter venturi)
Length	645, 1153, 1661, 2169	645, 1153, 1661, 2169

\* Only Ultra-Web SB efficiently captures submicron dust particulate. Standard spunbond and 550 g/m<sup>2</sup> polyester felt are not as efficient at filtering submicron particulate out of the air. Standard spunbond filters capture particulate at the 1-3 micron level, while 550 g/m<sup>2</sup> polyester felt only effectively captures at the 3-10 micron level.



# Our Advantage is Your Solution

## Pleated Bags with Ultra Web® SB offer You

### Cleaner Air

▶ Ultra Web® SB offers all the benefits of spunbond media, plus the superiority of nanofiber technology allowing for the capture of submicron particulate reducing stack emissions.

### Less Abrasion

▶ Pleated bags are shorter than fabric bags. This allows for a larger drop out area and less opportunity for bag abrasion.

### For all Collectors

▶ Available as replacement for most popular brands of baghouse collectors

### Higher Efficiency

▶ Pleated bags provide almost twice as much filtration area in existing equipment due to the increased media in the pleat pack design. This causes the air to media ratio to decrease when the airflow stays the same. The pressure drop also decreases.

### Longer Filter Life

▶ Lasts up to 2-3 times longer than 550 g/m<sup>2</sup> polyester felt bags.

### Greater Cost Savings

▶ Provides the best value and long-term savings

## Take a Closer Look at our Pleated Bags

### One-Piece Construction

▶ Filter and cage together in one-piece design make changeouts easier.

### Filter Media

▶ Ultra Web® SB outperforms the standard spunbond products.

- Longer filter life
- Higher efficiency
- Lower pressure drop

▶ Tolerates chemicals & moisture

▶ Temperatures up to 121 °C

### Molded Urethane Top Construction

▶ Snap in top for quick, easy and secure fit.

▶ Flexible urethane boot installs easily.

### Pleat Pack

▶ Pleated media increase effective area without adding more equipment.

▶ Sonic welding for optimized strength.

▶ Consistent pleat spacing to enhance cleaning.

[www.UltraWebisAlwaysBetter.com](http://www.UltraWebisAlwaysBetter.com)

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