



BATES WATER SOLUTIONS, INC.

Challenge Us. We solve Water Equipment Issues.
760 N. Frontage Rd. Suite 103 - Willowbrook IL 60527
P. 630-964-1539 F. 630-590-5377

PROUDLY MADE IN AMERICA

Standard Efficiency Pleated

SE & SC Series for Cost Effective Filtration Applications



- BWS's standard efficiency pleated cartridges are **manufactured in-house** with 2 grades of media—polypropylene and polyester
- **In-house lamination and calendaring** of our medias allow us to control the final media grades
- Complete in-house testing guarantees a **superior and consistent product**
- With 6 micron ratings, 2 standard diameters and 8 standard lengths we are sure to **reduce the element you require**
- Because we produce our own molds for the PVC end caps, **custom sizes and applications are welcomed**
- All seams are 100% ultrasonically welded to **ensure zero bypass**
- **Standard diameters** are 2.5 and 4.5 inches
- **Standard lengths** up to 40 inches
- We place a maximum amount of media in each filter without pleat binding for **increased dirt holding capacity**
- Polypropylene elements with polypropylene cores **meet FDA Title 21** regulations for food and water contact

***Please call with all of your applications
(630) 964-1539***

Materials of Construction		Dimensions (nominal)	
Filter Media:	Polypropylene Melt Blown or Polyester	Outside Diameter:	2.5" & 4.5"
Sealing:	Thermal Bond	Lengths:	9.75", 10", 19.5", 20", 29.25", 30", 39" & 40"
Surface Area		Performance Specifications	
Up to 5.5ft ² (.23m ²) of Effective Filtration Area per 10" equivalent, dependent upon micron rating		Retention Ratings: 1, 5, 10, 20, 30 & 40 micron	
Operating Conditions		FDA Listed Materials	
Maximum Differential Pressure: 35 psid @ 120°F (49°C)		Manufactured from materials which are FDA listed for food contact applications in Title 21 of the U.S. code of federal regulations	

Building a Part Number

STANDARD EFFICIENCY PLEATED CARTRIDGE	MEDIA	CORE	CARTRIDGE DIAMETER	MICRON	CARTRIDGE LENGTH	END CAPS
S	E	E	S	1	5	1
S	E = Polypropylene C = Polyester	E = Polypropylene C = Custom	S = 2.5" standard M = 4.5" C = Custom	1 5 10 20 30 40	2 = 9.75 3 = 10 4 = 19.5 5 = 20 6 = 29.25 7 = 30 8 = 39 9 = 40	1 = DOE/plastisol A = Custom

OEM Applications

- BWS has the capabilities to manufacture our standard grade filter elements to your specifications and housing requirements
- With our full line of production equipment, we have the ability to make filters up to 16 inches in diameter and 40 inches in height
- We manufacture polypropylene and polyester medias to your needs
- We custom laminate, calender, pleat and apply PVC end caps to your specifications

