



# 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

## Melt Blown Cartridges

*BE Polypropylene & BN Nylon Series Elements*



### PROUDLY MADE IN AMERICA

- BWS's Melt Blown elements are **manufactured in-house** with the fastest, most modern equipment ever produced, giving you the **highest quality filter** on the market today
- Elements are made from **1 to 100 micron** in standard, high efficiency, absolute and heavy duty grades, giving you control of your filtration process
- Elements are also produced with an **integrated 4 stage process** yielding **true depth filtration**.
- All elements are made with **FDA compliant material** for food and beverage contact under CFR Title 21
- Elements are produced in **standard and custom** sizes to meet all applications
- End caps are thermally welded onto the cartridge with **no use of glue or other binders**
- Elements are produced with **100% polypropylene or nylon materials**
- Elements can be produced **with or without a core** depending on your application

- **"BE" Melt Blown Cartridges** are Tested and Certified to:  
NSF/ANSI 61 Standard &  
NSF/ANSI 42 Standard for Component



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

Product Specifications	
<b>Micron Ratings:</b>	1, 3, 5, 10, 20, 25, 30, 50, 75 & 100 micron
<b>Construction:</b>	Polypropylene or Nylon
<b>Optional Core &amp; End Caps:</b>	Polypropylene
<b>Maximum Operating Temperature:</b>	155°F for Polypropylene 300°F for Nylon
<b>Diameter:</b>	O.D. - 2.5" to 4.5" I.D. - 1" center
<b>Nominal Lengths:</b>	9.75" to 50"
<b>Maximum Differential Pressure:</b>	35 psid with a core 20 psid without a core

FDA compliance under Title 21 of the code of federal regulations for food contact applications



222, 226, Flat Gasket, Spring, Fin

### Building a Part Number

MELT BLOWN	MEDIA	MICRON	CARTRIDGE DIAMETER	CARTRIDGE LENGTH	ELEMENT GRADE	HEAVY DUTY CORE (OPTIONAL) ✓	END CAP	GASKET / O-RING
B	E	1	S	2	X	H	2	B
B	E = Polypropylene ✓ N = Nylon	1	S = 2.5" Standard	2 = 9.75	S = Standard  X = High Efficiency  A = Absolute	H = Core	1 = DOE/no caps ✓	B = Buna ✓ V = Viton® T = Teflon® S = Silicone ✓ N = Neoprene D = EPDM (No selection required for DOE)
		3		3 = 10			2 = 222/Fin ✓	
		5		4 = 19.5			3 = 222/Spring ✓	
		10		5 = 20			4 = 222/Flat ✓	
		20		6 = 29.25			5 = 226/Flat	
		25	M = 4.5" *	7 = 30	6 = 226/Fin			
		30	C = Custom	8 = 39	7 = 226/Spring			
		50		9 = 40	8 = SOE/Spring ✓			
		75		W = 50	9 = Flat Gasket			
		100		C = Custom	A = Custom			

\* 4.5" diameter, only DOE is available

✓ The following cartridge combinations have been Tested & Certified to:  
NSF/ANSI 61 Standard  
NSF/ANSI 42 Standard - Component

