



# 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

## Glass Microfiber Cartridges

*GMF Series for general filtration & high flow rates at 99.98% efficiency*



- BWS's Glass Microfiber cartridges offer a wide array of retention rating from **.5 to 7 microns**
- All Glass Microfiber cartridges are **produced in-house** on the most modern equipment
- Complete in-house testing guarantees a **superior and consistent product**
- We offer **all end cap configurations** to fit your applications and housings
- Cartridges have an **excellent dirt holding capacity** with low flow resistance
- Acrylic bonded media for **excellent chemical resistance**
- Each cartridge has a **non-shedding final layer** laminated on the media before pleating
- Media grades available for **FDA Title 21** for food and potable water contact
- **Hydrophobic media** can be produced if required for your applications
- Cartridges are constructed in a **clean room environment**
- Cartridges may be ordered as **final rinsed with 18 mega ohm water**

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

Toxicity	Purity
BWS's Cartridges are manufactured with no additives or other manufacturing agents.	Cartridges are Free of Surfactants, Resins, Binders and Adhesives
Sterilization	
Multiple Autoclaving for 30 Minutes at 250°F (121°C) under no End Load Conditions. In-line Steam Sterilization is not recommended. May be In-line Sanitized with Hot Water at 180°F (82°C) for 1 hour.	

Product Specifications	
<b>Retention Ratings:</b>	.5, .8, 1.2, 2.0, 2.7, 4.0, 6.4 & 7.0 micron
<b>Media:</b>	Acrylic bonded glass microfiber
<b>Support Media:</b>	Polypropylene
<b>End Caps:</b>	Polypropylene
<b>Center Core:</b>	Polypropylene
<b>Outer Support Cage:</b>	Polypropylene
<b>Maximum Operating Temperature:</b>	180°F
<b>Nominal Diameter:</b>	O.D. - 2.7" I.D. - 1" center
<b>Lengths:</b>	10, 20, 30, & 40 inch
<b>Maximum Differential Pressure:</b>	45 psid



### Building a Part Number

GLASS MICROFIBER	MICRON	CARTRIDGE LENGTH	CORE MATERIAL	END CAP	GASKET / O-RING	18 MEGA OHM RINSE
<b>GMF</b>	<b>1.2</b>	<b>3</b>	<b>E</b>	<b>2</b>	<b>B</b>	<b>R</b>
<b>GMF</b>	.5 .8 1.2 2.0	2.7 4.0 6.4 7.0	E = Polypropylene	2 = 222/Fin 4 = 222/Flat 5 = 226/Flat 6 = 226/Fin 9 = Flat Gasket	B = Buna V = Viton® T = Teflon® S = Silicone N = Neoprene D = EPDM	R