

GPVS - Glass Pleat Value Series

Continuous Microglass Pleat - Value Series

Clarity
clear solutions

PRODUCT HIGHLIGHTS

- Recommended when chemical compatibility and temperature are critical factors
- High efficiency media provides reliable, consistent and repeatable filtration results
- High surface area pleat design for greater surface area ensures longer service life, fewer change outs and reduced operating costs per cartridge
- Thermally bonded construction to ensure a cleaner filtrate

PRODUCT DESCRIPTION

Strainrite's [Glass Pleat Value Series \(GPVS\) Filter Cartridges](#) utilize a high surface area of small denier fibers to create more void volume in a highly uniform matrix, optimizing flow rate and service life without sacrificing particle efficiency. This revolutionary microfiber optimizes pore size geometry required to offer absolute rated filtration performance.

Our high efficiency media is non-calendared at the lower micron ratings resulting in significantly reduced resistance to flow or pressure drop when compared to similarly rated polypropylene microfiber technologies. These products are perfect for a wide range of applications where chemical compatibility is critical.



RETENTION RATING

0.2, 0.45, 1, 3, 5, 20 µm

APPROXIMATE SURFACE AREA

4.5 Square Feet per 10"

OUTSIDE DIAMETER

2.55" (6.48cm)

CAGE DESIGN

Netting

MAXIMUM DIFFERENTIAL PRESSURE

Forward: 75 psid (5.1 bar) @ 75°F (24°C)
40 psid (2.8 bar) @ 180°F (82°C)

PRODUCTION PROCESS

Thermal Bond

MAXIMUM OPERATING TEMPERATURE

275°F (135°C) Continuous Duty

PLEAT SUPPORT MATERIAL

Polyester

FILTER MEDIA

Borosilicate Microglass

CAGE/CORE/ENDCAPS

Polyester

TOXICITY

Cartridge materials meet FDA CFR 21 for food and beverage contact

SEALS

Buna N | Fluorocarbon | EPDM | Silicone | FEP Encapsulated Fluorocarbon |
FEP Encapsulated Silicone | PTFE Foam | PTFE Hard

PACKAGING ECONOMY

Single packaging available. Bulk packaging in case quantities to reduce material disposal:
10 inch - 24 per carton | 20 inch - 12 per carton | 30 inch - 12 per carton | 40 inch - 9 per carton

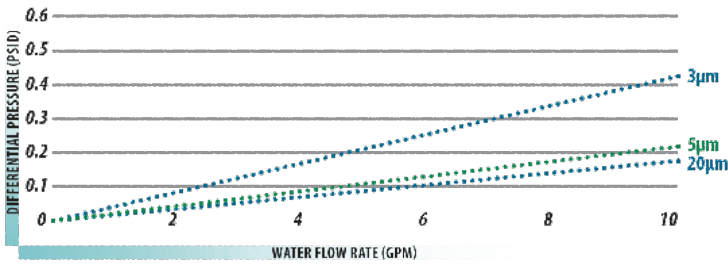
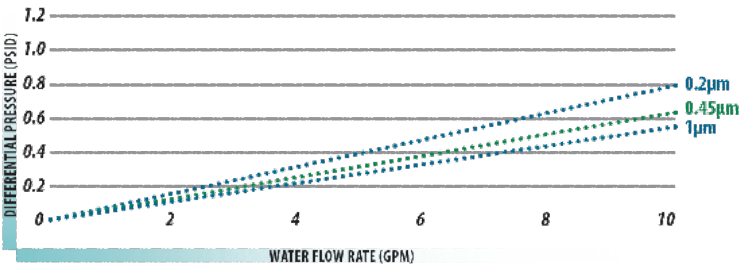
LENGTHS

10 inch (25.4 cm) | 20 inch (50.8 cm) | 30 inch (76.2 cm) | 40 inch (102 cm)

SPECIFICATIONS

v 1026

PERFORMANCE CHARACTERISTICS



ORDER OPTIONS

CARTRIDGE	MICRON RATING	LENGTH	PLEAT SUPPORT	END CAP	O-RING	CAGE/CORE/ENDCAPS
GPVS I Glass Pleat Value Series	0.2 µm	10"	PE Polyester	C1 = Double Open Ends C2 = 213/Recessed Cup C3 = Flat/222 C4 = Single Open End/Flat C5 = Recessed Cup/222 C6 = Flat/226 C7 = Fin/226 C8 = Fin/222	S = Silicone B = Buna N V = Fluorocarbon E = EPDM TF = PTFE Foam TH = PTFE Hard TV = Encapsulated Fluorocarbon TS = Encapsulated Silicone	PE Polyester
	0.45 µm	20"				
	1 µm	30"				
	3 µm	40"				
	5 µm					
	20 µm					

