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

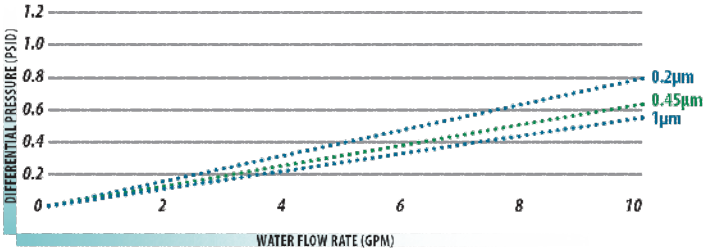
PACKAGING ECONOMY
Single packaging available. Bulk packaging in case quantities to reduce material disposal:
10 inch - 24 per carton | 20 inch - 12 per carton | 30 inch - 12 per carton | 40 inch - 9 per carton

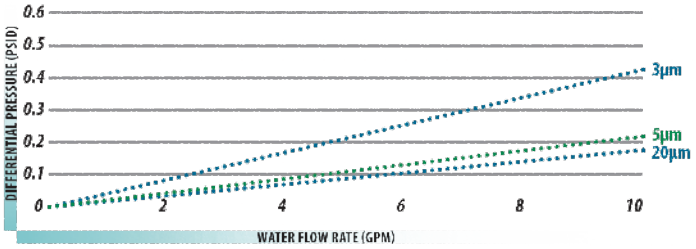
LENGTHS
10 inch (25.4 cm) | 20 inch (50.8 cm) | 30 inch (76.2 cm) | 40 inch (102 cm)

SPECIFICATIONS

SCAN FOR MORE INFO

PERFORMANCE CHARACHTERISTICS





v 1026

ORDER OPTIONS

CARTRIDGE	MICRON RATING	LENGTH	PLEAT SUPPORT	END CAP	O-RING	CAGE/CORE/ENDCAPS
GPVS | Glass Pleat Value Series	0.2 µm 0.45 µm 1 µm 3 µm 5 µm 20 µm	10" 20" 30" 40"	**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

GPVS	0.2	–	20	PE	C1	S	PE	GPVS0.2-20PEC1SPE
	MICRON RATING		CARTRIDGE LENGTH	PLEAT SUPPORT	END CAP CONFIGURATION	GASKET / O-RING MATERIALS	CAGE/CORE/CAPS	