

# GPVS - Glass Pleat Value Series

Continuous Microglass Pleat - Value Series

- ▶ GENERAL CHEMICAL
- ▶ PLATING SOLUTIONS
- ▶ WASTE WATER
- ▶ OIL AND GAS PRODUCTION

- ▶ SOLVENT FILTRATION
- ▶ DI/RO PREFILTRATION
- ▶ GENERAL WATER FILTRATION

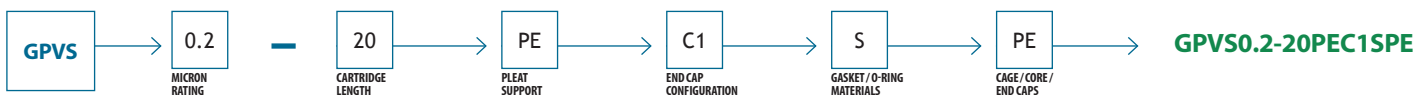
Strainrite's [Glass Pleat Value Series \(GPVS\) Filter Cartridges](#) utilize a high surface area of small denier fibers to create more void volume in a highly uniform matrix, optimizing flow rate and service life without sacrificing particle efficiency. This revolutionary microfiber optimizes pore size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

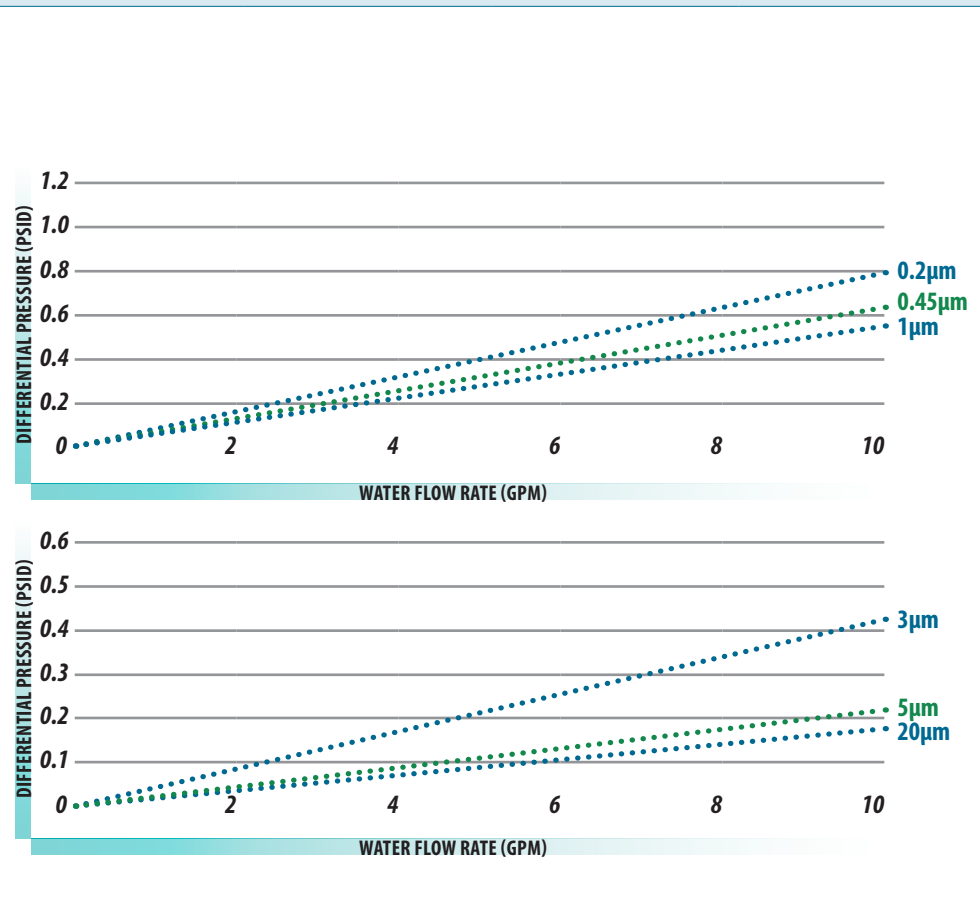


- ▶ **RECOMMENDED WHEN CHEMICAL COMPATIBILITY AND TEMPERATURE ARE CRITICAL FACTORS**
- ▶ **HIGH EFFICIENCY MEDIA PROVIDES RELIABLE, CONSISTENT AND REPEATABLE FILTRATION RESULTS**
- ▶ **HIGH SURFACE AREA PLEAT DESIGN FOR GREATER SURFACE AREA ENSURES LONGER SERVICE LIFE, FEWER CHANGE OUTS AND REDUCED OPERATING COSTS PER CARTRIDGE**
- ▶ **THERMALLY BONDED CONSTRUCTION TO ENSURE A CLEANER FILTRATE**

## ORDER GUIDE



RETENTION RATING			
0.2, 0.45, 1, 3, 5, 20			
MAXIMUM DIFFERENTIAL PRESSURE		MAXIMUM OPERATING TEMPERATURE	
Forward: 75 psid (5.1 bar) @ 75°F (24°C) 40 psid (2.8 bar) @ 180°F (82°C)		275°F (135°C) Continuous Duty	
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			
FILTER MEDIA	END CAPS	PLEAT SUPPORT MATERIAL	CAGE/CORE
Borosilicate Microglass	Polypropylene	Polyester	Polypropylene
SEALS			
Buna N   Fluorocarbon   EPDM   Silicone   FEP Encapsulated Fluorocarbon   FEP Encapsulated Silicone   PTFE Foam   PTFE Hard			
CONSTRUCTION METHOD		CAGE DESIGN	
Thermal Bond		Netting	
OUTSIDE DIAMETER		APPROXIMATE SURFACE AREA	
2.55" (6.48cm)		4.5 SQUARE FEET PER 10"	
LENGTHS			
10 inch (25.4 cm)   20 inch (50.8 cm)   30 inch (76.2 cm)   40 inch (102 cm)			
EFFICIENCY			
CFP0.2 — BETA1000 @ 0.8µm   BETA10 @ 0.25µm CFP0.45 — BETA1000 @ 0.9µm   BETA10 @ 0.45µm CFP0.65 — BETA1000 @ 1µm   BETA10 @ 0.65µm		CFP1 — BETA1000 @ 2µm   BETA10 @ 1µm CFP5 — BETA1000 @ 10µm   BETA10 @ 5µm CFP10 — BETA1000 @ 15µm   BETA10 @ 10µm	
PERFORMANCE CHARACTERISTICS			



## ORDER OPTIONS

CARTRIDGE	
GPVS	Glass Pleat Value Series
MICRON RATINGS	
0.2, 0.45, 1, 3, 5, 20	
CARTRIDGE LENGTH	
10, 20, 30, 40	
PLEAT SUPPORT	
PE	Polyester
END CAP CONFIGURATIONS	
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
GASKET / O-RING MATERIAL	
S	Silicone
B	Buna N
V	Fluorocarbon
E	EPDM
TF	PTFE Foam
TH	PTFE Hard
TV	Encapsulated Fluorocarbon
TS	Encapsulated Silicone
CAGE / CORE / END CAPS	
PE	Polyester