

Continuous Microglass Pleat - Value Series

GPVS - Glass Pleat Value Series

- General Chemical
- Solvent Filtration
- Plating Solutions
- Waste Water
- General Water Filtration
- Oil and Gas Production
- DI/RO Prefiltration

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.

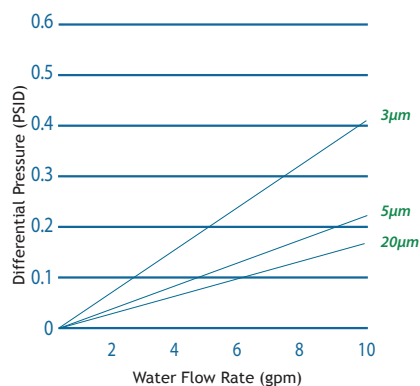
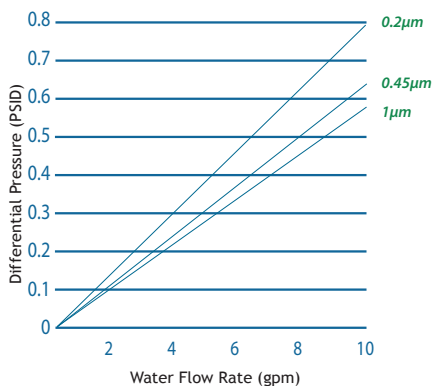


Features & Benefits

GPVS

- 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

Performance Characteristics



Specifications

Retention Rating

0.2, 0.45, 1, 3, 5, 20

Maximum Differential Pressure

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

Maximum Operating Temperature

275°F (135°C) Continuous Duty

Packaging Economy

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

Materials of Construction

Filter Media

Borosilicate Microglass

End Caps

Polyester

Pleat Support Material

Polyester

Cage/Core

Polyester

Seals

Buna N
Fluorocarbon
EPDM
Silicone
PTFE
FEP Encapsulated Fluorocarbon
FEP Encapsulated Silicone

Sealing

Thermal Bond

Dimensions

GPVS

Outside Diameter:

2.55" (6.48cm)

Approx. Surface Area

4.5 ft² per 10"

Cage Design

Netting

Lengths

10" (25.4cm)
20" (50.8cm)
30" (76.2cm)
40" (102cm)

Ordering Information

Glass Pleat Value Series

GPVS

