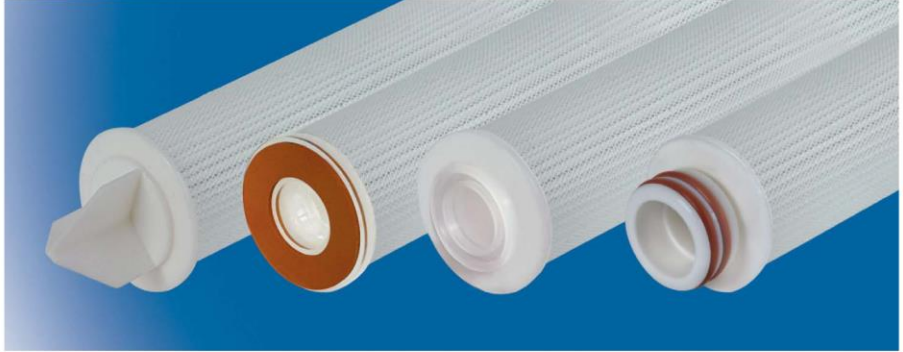


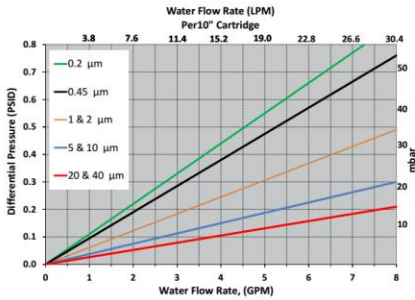
Economy - FG Pleated Microglass Cartridge

DS_FGE_170503

Economy Pleated Microglass Cartridges offer a highly efficient and cost-effective filtration option for use in a wide variety of applications. These cartridges are constructed of FDA materials and are assembled using the latest thermal-bonding equipment. Cartridges are offered in DOE and 222 end configurations as well as in both nominal (90%) and absolute (to 99.98%) retention efficiencies.



Flow Rate vs Pressure Drop



*All data is based on absolute rated medias. Nominally rated medias will result in a pressure drop reduction of approximately 10%.

Typical Applications

- Food & Beverage
- Deionized Water
- Process Water
- Solvents
- Fine Chemicals
- Plating Chemicals
- R.O. Membrane pre-filtration
- Wastewater
- Produced Water
- Cosmetics
- Hydrocarbons
- Synthetic Lubricants

Dimensions

Length:
10 to 40 inches (25.4 to 101.6 cm) nominal

Outside Diameter:
2.50 inches (6.35 cm) nominal

Maximum Recommended Operating Conditions

Change Out ΔP 35 PSI

Temperature 200°F (93°C)

Note: Optional high temperature construction available featuring stainless steel core (235°F).

Construction Materials

Filtration Media.....FDA Borosilicate Microglass with an acrylic binder

Support Media.....Spun-bonded Polyester

End Caps.....Polyester

Center Core.....Glass-filled Polypropylene

Outer Support Netting.....Polyester

O-Rings/Gaskets.....Buna, EPDM, Silicone, Viton®, Teflon® Encapsulated Viton®

Food Safety Compliance

Materials of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations, 21CFR. Materials used to produce filter media and hardware are deemed safe for use in contact with foodstuffs in accordance with EU Directives 2002/72/EC, 1935/2004, and/or 10/2011.

Ordering Information

FGE	Rating (μ)	Retention	Length	N	End Cap Style	O-Rings/Gaskets	-	Adders
	0.2	A = Absolute	10" (25.4 cm)		2 = DOE Flat Gasket	B = Buna		SS = Stainless Steel Core
	0.45	N = Nominal	20" (50.8 cm)		3 = 222 w/ Fin	E = EPDM		CS = 316ss Compression Spring
	1.0		30" (76.2 cm)		4 = 222 w/ Flat Cap	S = Silicone		
	2.0		40" (101.6 cm)		5 = 222 w/ Spring	V = Viton®		
	5.0					T = Teflon® Encapsulated Viton®		
	10.0							
	20.0							
	40.0							

DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required.