

# PharmBiologic Solutions, LLC

## Advancing custom solutions

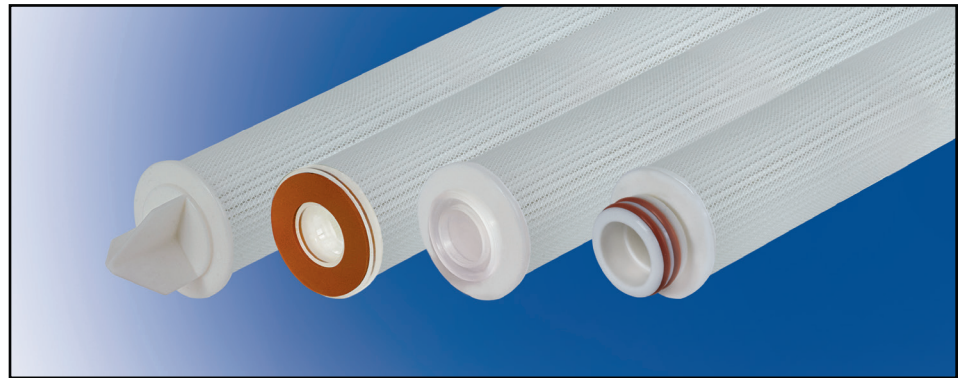


### Filter Data Sheet

#### Economy - PEE

Pleated Polyester Meltblown Cartridge

**Economy Pleated Polyester Meltblown 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.



#### Typical Applications

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

#### FDA Listed Materials

Manufactured from materials which are listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations.

#### Construction Materials

<b>Filtration Media</b> .....	FDA Pleated Polyester Meltblown
<b>Support Media</b> .....	Spun-bonded Polyester
<b>End Caps</b> .....	Polyester
<b>Center Core</b> .....	Glass-reinforced Polypropylene
<b>Outer Support Netting</b> .....	Polyester
<b>O-Rings/Gaskets</b> .....	Buna, Viton, EPDM, Silicone, Teflon® Encapsulated Viton

#### Maximum Recommended Operating Conditions

<b>Change Out</b> .....	ΔP 35 PSI
<b>Temperature</b> .....	235°F (113°C)
<b>Dimensions</b>	
<b>Length:</b>	10 to 40 inches (25.4 to 101.6 cm) nominal
<b>Outside Diameter:</b>	2.50 inches (6.35 cm) nominal

#### Ordering Information

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

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.

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