

PharmBiologic Solutions, LLC

Advancing custom solutions



Filter Data Sheet

LiquidClear GF - Synthetic Pleated Cartridge

- 100% cellulose-free construction.
- Pleated design offers significantly increased surface area and loading capacity when compared to depth cartridges (string-wound, Meltblown and resin-bonded).
- Excellent compatibility with a wide range of chemicals and sanitizing agents.
- High flow rates at low pressure drops.
- Plastisol (PVC) end caps / gaskets offer positive seal.
- All cartridges are manufactured with a polypropylene outer netting.
- Wide variety of micron ratings (0.35 - 50) and lengths (9.75"– 40") available

Maximum Recommended Operating Conditions

Differential Pressure.....20-25 PSID
Temperature.....140° F (60°C)

FDA Listed Materials

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

Purity

LiquidClear cartridges are produced using 100% synthetic fibers, which are free of binders or adhesives.

Typical Applications

Process Water	Plating Chemicals
Cooling Water	Wastewater
Drinking Water	Food & Beverage
R.O. Pre-filtration	Deionized Water

Ordering Information

GF	-	Diameter	-	Micron Rating	-	Length	End Cap Code
		BLANK = 2.7		0.35		9.75	BLANK = DOE
		BB = 4.5		1		10 (BB Only)	
				1A		19.5	
				5		20	
				10		29.25	
				20		30	
				30		40	
				50			



Construction Materials

Filtration Media.....Polypropylene, Polyester
End Caps/Gaskets.....Plastisol
Core.....Polypropylene
Outer Netting.....Polypropylene

Dimensions

Outside Diameter.....2.7 or 4.5 inch
Inside Diameter......1 inch
Lengths.....9.75 to 40 inch
Outer Netting.....Polypropylene

Performance Specifications

Micron Ratings..0.35, 1, 1A, 5, 20, 30, 50
Efficiencies.....0.35, 1, 1A, 5, 20, 30, 50
 = nominal 1A = 99%

Cross-Reference

Pentek.....R-Series, ECP-Series
Watts.....FM-Series

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