

## 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 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)

#### Performance Specifications

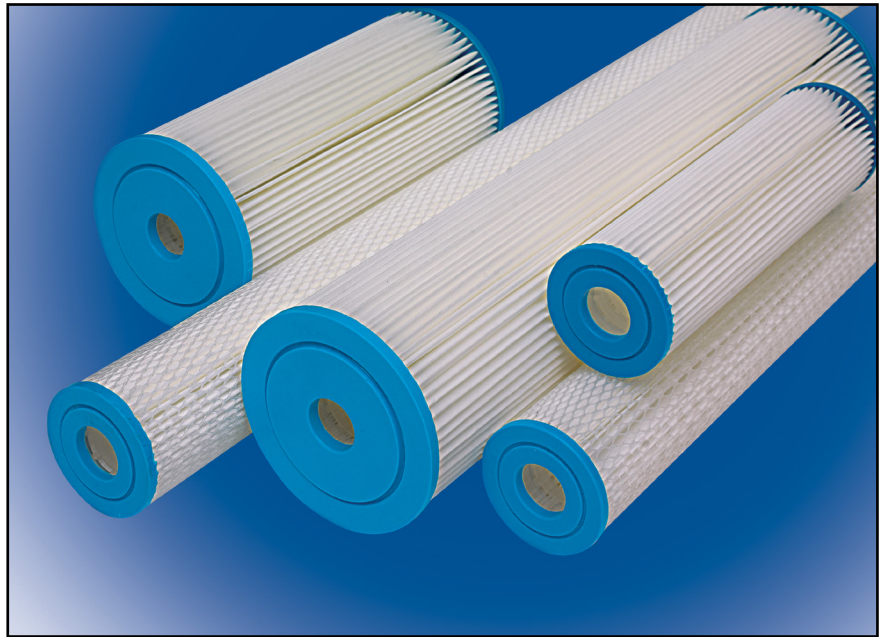
**Micron Ratings** .....0.35,1,1A,5,10,20,30,50  
**Efficiencies**.....0.35-50μ = Nominal  
 1A = 99%

#### Construction Materials

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

#### Cross-Reference

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



#### Typical Applications

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

#### Dimensions

**Outside Diameter**.....2.7 or 4.5 inch  
**Inside Diameter** .....1 inch  
**Lengths** ..... 9.75 to 40 inch

#### 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.

#### Ordering Information

GF	-	Diameter	-	Rating (μ)	-	Length	End Cap Style
		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			

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.