

# Product Lines

## PGF High Performance Absolute and Seamless Filter Bag

PGF filter bag is developed with a unique multi-layer seamless structure which delivers both absolute filtration and longer service life. The progressive density design removes contaminant while passing through each finer layer of filter bag. Meanwhile, the patent collar offers better filtration performance, and adapts to any bag filter housing to ensure bypass-free filtration.

### Features & Benefits

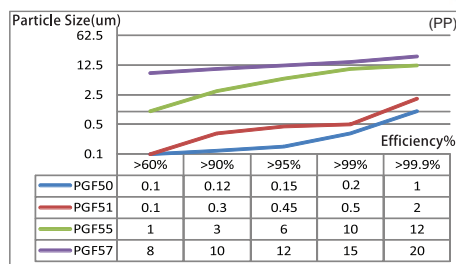
- The progressive density design extends the service life, even for filtration of extreme dirty liquid.
- 100% polypropylene material, without adhesive and silicone.
- Patent collar completes the seal
- Construction of multi-layer offers high filtration performance to remove particle over 0.2  $\mu\text{m}$
- Absolute efficiency (greater than 99%) for particle size from 0.2 to 10  $\mu\text{m}$ , equally well for smaller micron rating
- PGF Filter Bags can replace expensive filter cartridges and work even better, such as application of water filtration, fine chemicals, and microelectronics, etc.
- FDA compliant according to CFR title 21



### Operation Condition

Condition	$\Delta P$ (bar)	Max. Op Temp ( $^{\circ}\text{C}$ )		
	Size2 @10 $\text{m}^3/\text{h}$	Polyetser	PP	Polyetser
PGF 50	0.25	90	150	
PGF 51	0.17			
PGF 55	0.06			
PGF 57	0.03			

### Retention Efficiency



### Product specifications

Micron ratings: 0.3, 0.5, 10, 15, and other  $\mu\text{m}$

Material of construction: Polypropylene melt blown, Polyester

Size: #1 -7"x16", #2-7"x32"

## Ordering Information

