

# PGF High Performance Filter Bag

## Introduction

Microteck has dedicated to develop multi layer filter bag since 1996. Through hundreds experiment and strict technical test, PGF filter bag series is desinged in a unique inside-out structure enables to filter micro particles. With a patent collar, PGF filter bag provides a positive seal of installation.



## Features and Benefits

- ⊙ Advance fabric offers long life term PGF for recommand application
- ⊙ 100% polypropylene material without adhesive and silicon
- ⊙ Patent collar provides positive seal
- ⊙ High quality matierl combined with unique structure design enable to filter over 0.2um partlice
- ⊙ Absolute efficiency over 99% for 0.2 to 10 um grade, equally well for finer micron ratign particle
- ⊙ Available for water treatment, fine chemical and micro-electronic application
- ⊙ FDA compliant according to CFR title 21

## Filtration Efficiency

Model	Filtration Efficiency( $\mu\text{m}$ )					$\Delta\text{P}(\text{bar})$ SIZE 2 @10 $\text{m}^3/\text{h}$
	>60%	>90%	>95%	>99%	>99.9%	
PGF50	-	-	0.15	0.45	1	0.25
PGF51	>80@0.15	0.3	0.45	0.5	2	0.17
PGF55	1	3	6	10	12	0.06

## Initial Pressure Drop

