



**Precision Filtration (Shanghai) Co., Ltd.**

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Email: vivi@precisionfiltrationsh.com

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**Product News · PGF Filter Bag**

PGF is our high performance absolute rated filter bag designed for your high filtration efficiency particle removal application.



**Filter Bag Standard Sizes**

Description	Size No.	Diameter	Length	Flow Rate	Max. Service Temperature	Suggested D/P of bag change- out
PGF	# 02	182mm	810mm	10m3/h	80°C	0.8-1.5bar

Flow rate: 10m3/h is actual testing data

**Particle Size Removal Efficiency**

Bag Description	Bag Size	Particle Size Removal Efficiency		
		>95%	>99%	>99.9%
PGF-50	#02	0.22 um	0.45 um	0.8 um
PGF-51	#02	0.65 um	0.80 um	1.0 um

Data of particle size removal efficiency is actual testing data



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### Product Features

PGF is absolute rated filter bag designed for high filtration efficiency particle removal of up to 99%, is an ideal replacement for expensive pleated cartridges for cost effective and demanding applications.

- Effectively removal particle of up to 99% efficiency
- Special structure deliver both long service life and absolute filtration
- Need pre-wetting in aqueous solutions
- Material in FDA Compliance suitable for food & beverage application
- An ideal replacement for EATON PGF bag
- An ideal replacement for PTFE/PES pleated cartridges

Advantages are:

- Short shut down time, about 1-5 minutes/time
- Contaminants are trapped in the bag and not brought into next process
- Small liquid loss
- Low waste treatment cost
- Much bigger flow rate compared with pleated cartridge

### On-site Installation at Customer Factory (Picture -1)





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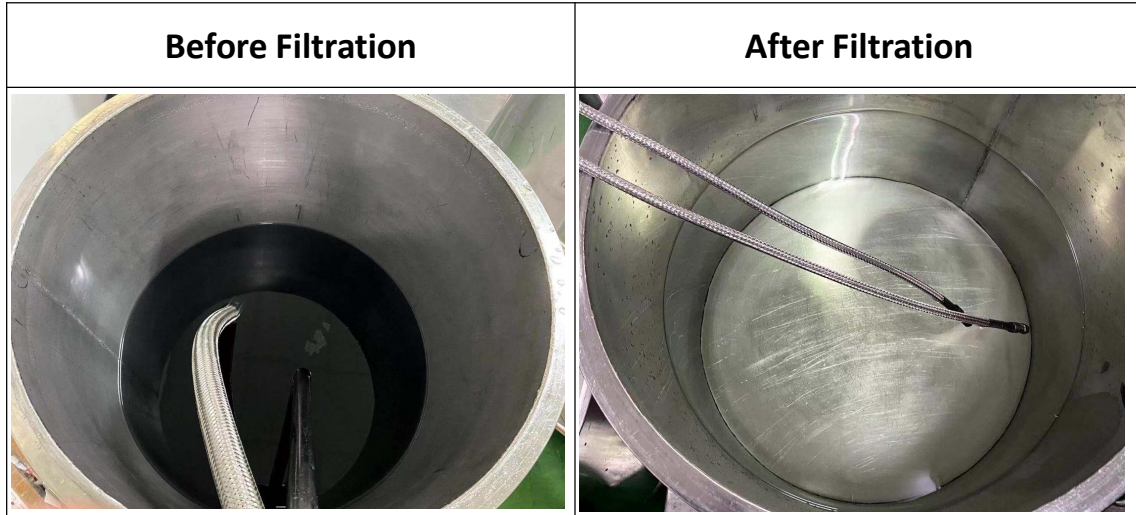
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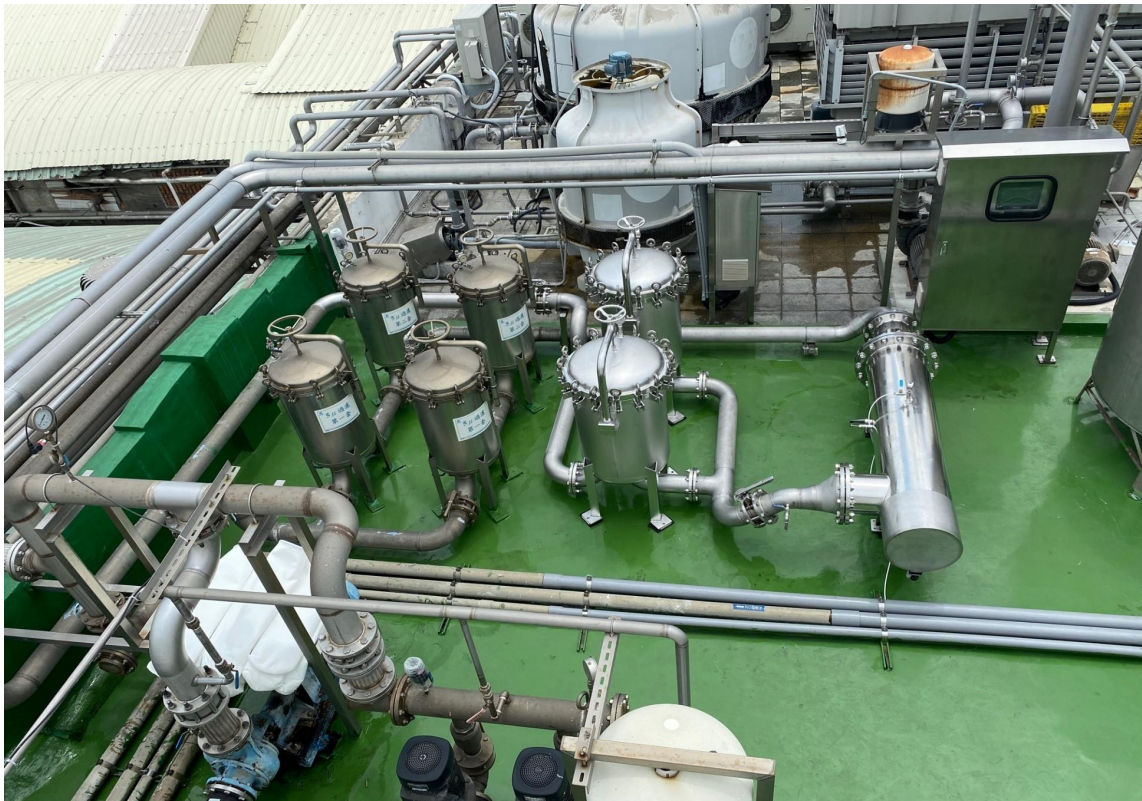
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### 100% By Pass Free Filtration

Fully welded around the plastic collar for perfect sealing



### On-site Installation at Customer Factory (Picture -2)





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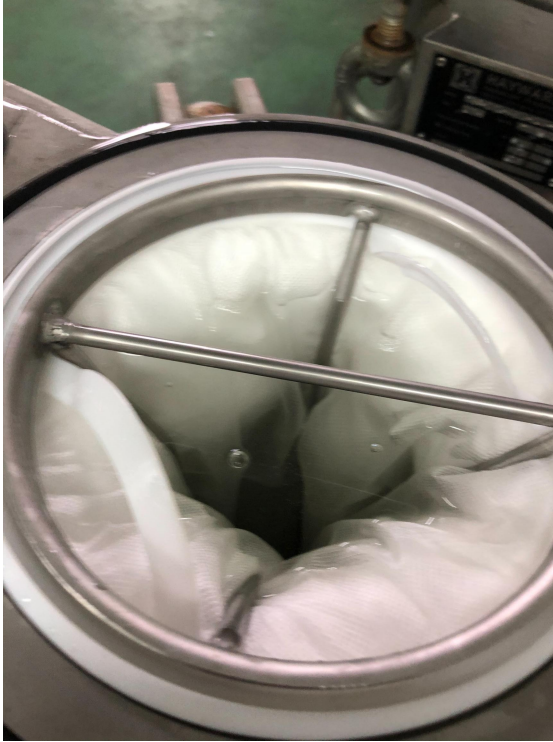
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### On-site Installation at Customer Factory (Picture -3)





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### Strength Test

Strength Test Result = 1.7 bar (actual testing data)

This data is better than ordinary one layer full welded filter bags.



PGF bag is total 15 layers, covered with a layer of PP woven material, to make it easy for you to install the filter bag, as well as prevent fiber migration.

If you need further information, please contact us freely.

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