



Precision Filtration (Shanghai) Co., Ltd.

Data Sheet • High Efficiency Filter Bag

Industrial Liquid Filtration Solutions



High Efficiency Filter Bag

High Efficiency absolute rated filter bag designed for your long service life, high dirt load application with demand for absolute particle removal efficiency, it is also effective in removing gelatinous contamination due to its unique structure.

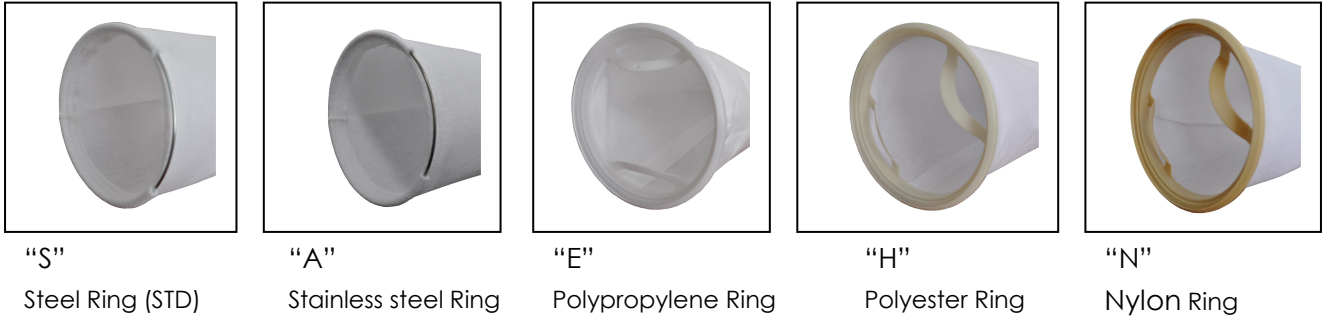
- It made of melt blown PP fiber in several layer effectively removal particle of up to 99% efficiency.
- The combination of microfiber media break up the gels and retain them within the media.
- Special structure deliver both long service life and absolute filtration.
- Pure PP media contain no silicone oil, ideally for application in automotive paint and coating industry.
- An ideal replacement for pleated cartridges

Filter Bag Standard Sizes

Description	Size No.	Diameter	Length	Flow Rate	Max. Service Temperature	Suggested D/P of bag change- out
LCR	# 01	182mm	420mm	12m ³ /h	80°C	0.8-1.5bar
LCR	# 02	182mm	810mm	25m ³ /h	80°C	0.8-1.5bar
AGF	# 01	182mm	420mm	8m ³ /h	80°C	0.8-1.5bar
AGF	# 02	182mm	810mm	15m ³ /h	80°C	0.8-1.5bar
PGF	# 02	182mm	810mm	10m ³ /h	80°C	0.8-1.5bar



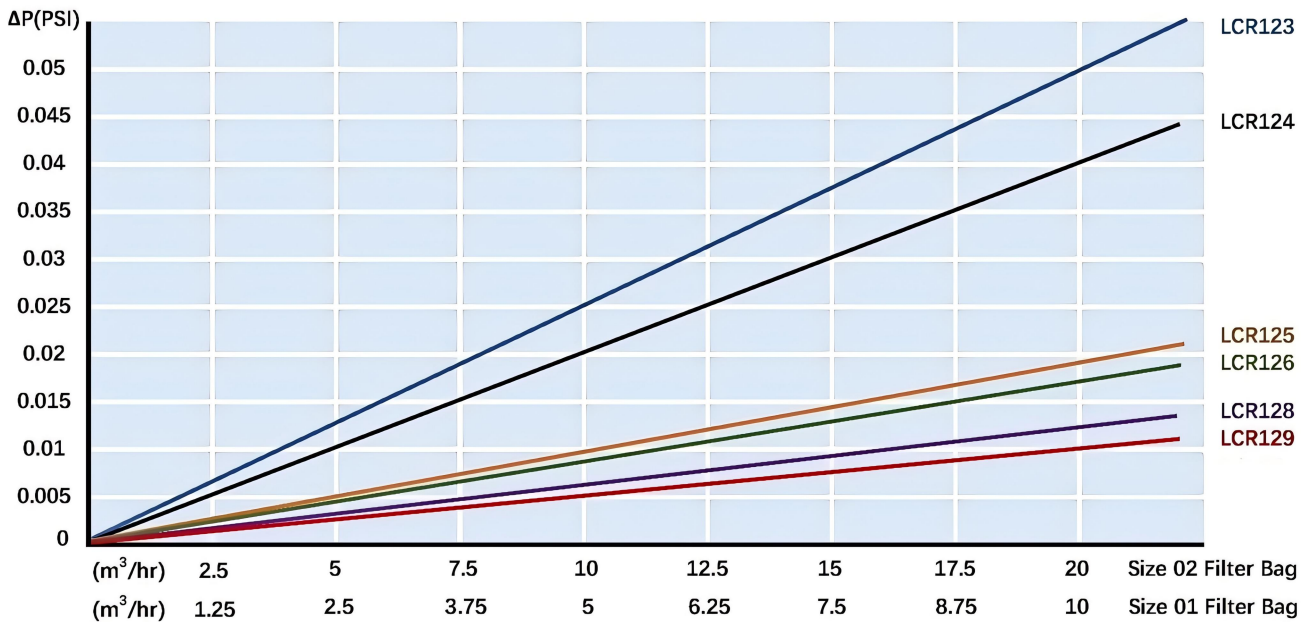
Filter Bag Ring Options



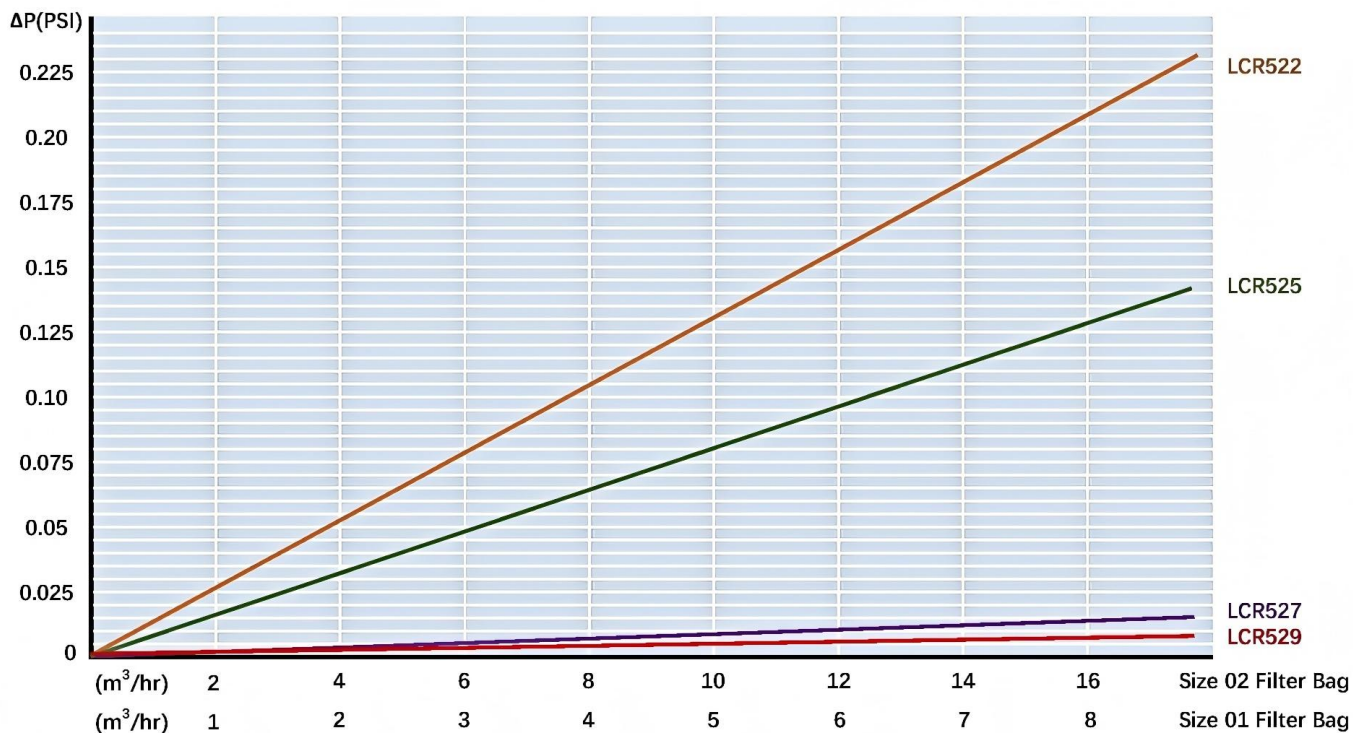
Filter Bag Selection

Bag Description	Filter Bag Size	Particle Size Removal Efficiency			ΔP (psi) Size O2 @ 44 GPM (10 m ³ /h)
		>90%	>95%	>99%	
LCR-123	#01, #02	1	2	4	0.025
LCR-124	#01, #02	2	3	5	0.02
LCR-125	#01, #02	4	8	10	0.01
LCR-126	#01, #02	6	13	15	<0.01
LCR-128	#01, #02	28	30	40	<0.01
LCR-129	#01, #02	25	28	30	<0.01
LCR-130	#01, #02	14	15	25	0.05
LCR-522	#01, #02	1	2	3	0.13
LCR-525	#01, #02	2	4	6	0.08
LCR-527	#01, #02	5	9	13	0.008
LCR-529	#01, #02	20	23	32	<0.005

Flow Rate Data Chart

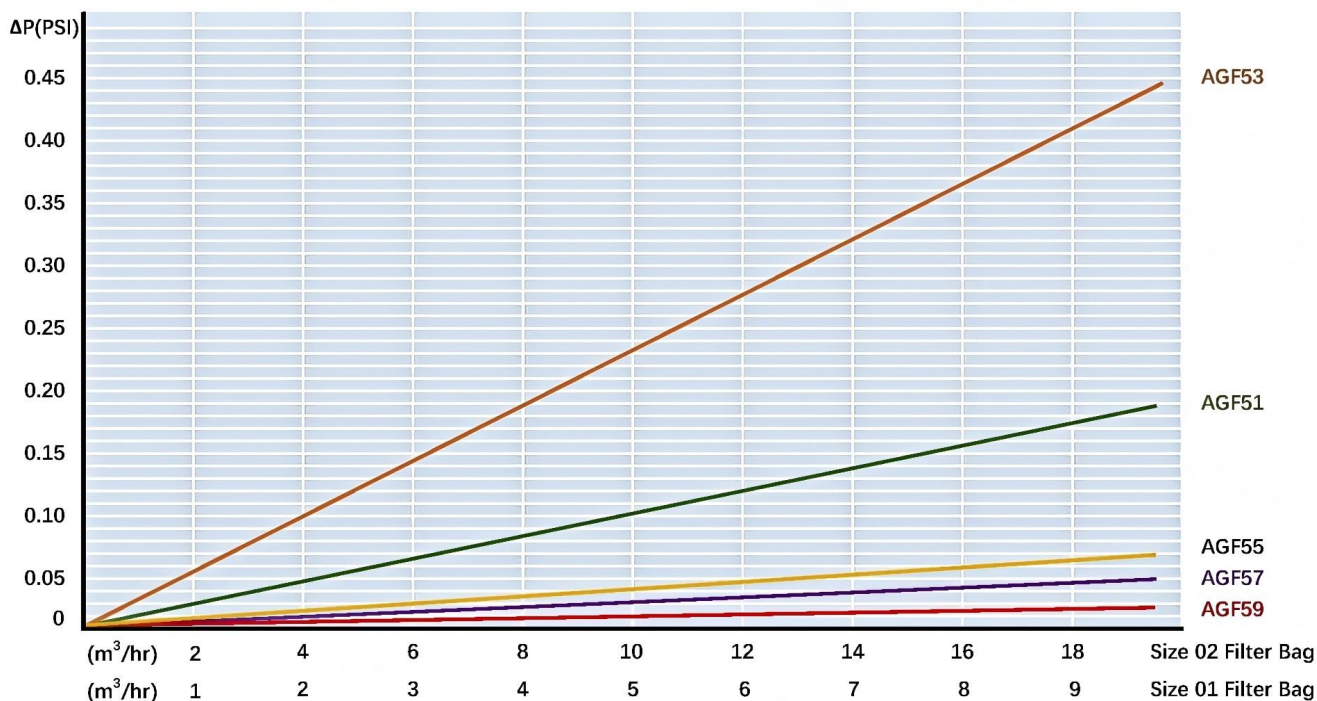


Flow Rate Data Chart



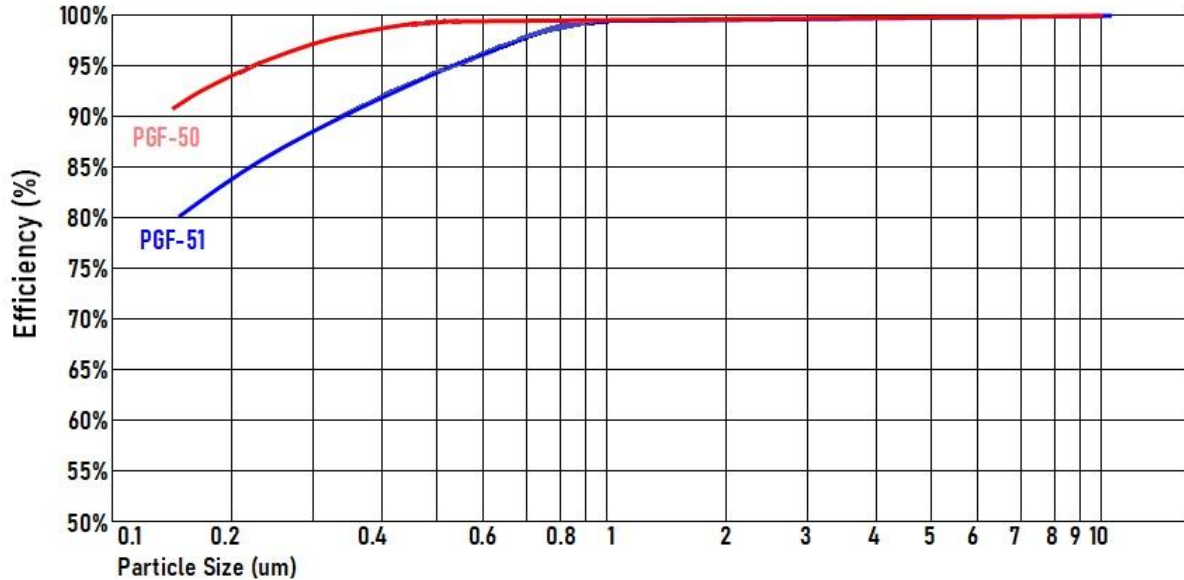
Bag Description	Bag Size	Particle Size Removal Efficiency					ΔP (psi) Size 02 @ 44 GPM (10 m³/h)
		>60%	>90%	>95%	>99%	>99.9%	
AGF-51	#01, #02	0.2	0.6	0.8	1.5	5	0.09
AGF-53	#01, #02	0.8	1	2	3	5	0.22
AGF-55	#01, #02	1	2	3	5	15	0.05
AGF-57	#01, #02	2	4	5	10	25	0.04
AGF-59	#01, #02	10	20	22	25	35	0.03

Flow Rate Data Chart

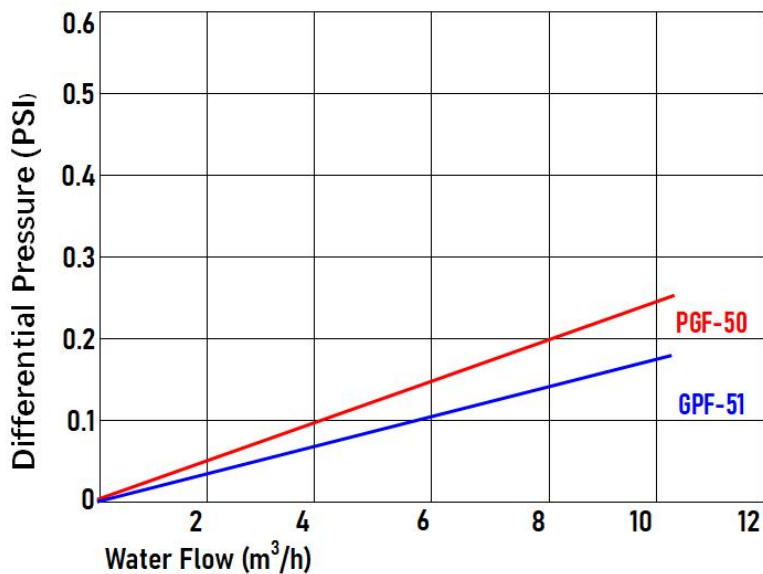


Bag Description	Bag Size	Particle Size Removal Efficiency			ΔP (psi) Size O2 @ 44 GPM (10 m ³ /h)
		>95%	>99%	>99.9%	
PGF-50	#02	0.22 μm	0.45 μm	0.8 μm	0.25
PGF-51	#02	0.65 μm	0.80 μm	1.0 μm	0.17

Fractional Efficiency



Clean ΔP Water at ambient conditions



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