PREMIER PLEAT - PPP



TARGETED PARTICULATE REMOVAL

Many applications benefit from using the high efficiency, large surface area, low pressure drop and inert properties of the WRAS approved Premier Pleat Polypropylene cartridge. Four pleated media layers combine to construct a pleat pack with depth characteristics and the main filtration media layer delivers high efficiency and exacting micron classification. A specifically engineered cage construction delivers improved flow dynamics and is designed to protect the integral pleat pack whilst providing overall rigidity and strength to the cartridge.



FEATURES & BENEFITS



- Four pleated media layers add depth characteristics
- High efficiency and exacting micron classification
- Cage construction for improved flow dynamics and media protection
- Large surface area and low pressure drop

TECHNICAL DATA



FDA

♦WRAS

Efficiency (%)	95-99				
Maximum Operating Pressure Differential (psi)	6 bar at 21°C				
Maximum Operating Temperature (°C)	82				
Maximum Sterilising Cycles	5 x 20 min cycles at 120°C Requires compatible end-caps Q (222) and Z (226). Not applicable for Junior and LD cartridges.				
Surface Area (m²)	0.56 per 10" 1.55 per 10"LD 0.26 per Junior				

MATERIALS OF CONSTRUCTION



Media: Polypropylene
Support Media: Polypropylene
Core: Polypropylene
Cage: Polypropylene
End-cap: Polypropylene

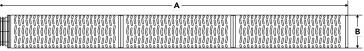
Polypropylene with PSU ring insert (Z)

Stainless Steel insert (Q)

Seal: Silicone (as standard)

DIMENSIONS

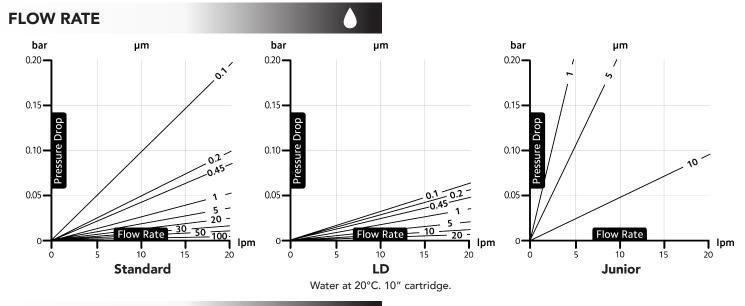




Dimensions (mm)								
A							В	
Length (")	AA	CG	EG/ FG/ MG	QG	EH/FH/ MH/ ZH	120		
47/8	125 1		-	-	-	-	70	
5 (Junior)	-	-	-	-	-	136	55	
93/4	248	-	-	-	-	-	70	
10	-	241	270	276	310	-	70	
20	508	506	520	526	560	-	70	
30	750	-	770	776	810	-	70	
40	1000 -		1020	1026	1060	-	70	
9¾LD	248	-	-	-	-	-	115	
20LD	508	-	-	-	-	-	115	

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ORDERING GUIDE



Code	Micron (µm)	Length (")	End-cap	Seal	
Г	0.1, 0.2, 0.45, 1, 3, 5, 10, 20, 30, 50, 100	47⁄8	AA, CG		
		. 93/4	AA	S, E, V	
PPP		10, 20, 30, 40	AA, CG, EG, EH, FG, FH, MG, MH, QG, ZH		
	0.1, 0.2, 0.45, 1, 5, 10, 20	9¾LD, 20LD	-	-	
	1, 5, 10	5 (Junior)	120	S	

e.g.PPP-5-20AAS

PERFORMANCE



		Challenge Particulate Size										
		0.1 μm	0.2 μm	0.45 μm	1 µm	3 µm	5 μm	10 µm	20 µm	30 µm	50 μm	100 µm
	0.1 μm	95%	96%	98%	99%	99%	99%					
	0.2 μm	93%	95%	97%	98%	98%	99%					
	0.45 µm	82%	88%	96%	97%	98%	99%	99%				
ating	1 µm	80%	82%	94%	96%	97%	98%	99%	99%			
Cartridge Micron Rating	3 µm				86%	96%	97%	98%	98%	99%		
	5 µm					90%	96%	97%	98%	99%	99%	
	10 µm							97%	98%	98%	99%	99%
	20 µm							91%	97%	98%	99%	99%
	30 µm								97%	97%	98%	99%
	50 µm									96%	97%	98%
	100 µm										95%	97%

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PRODUCT RANGE



The below products have often been associated with this product.

