

ABSOLUTE BACTERIAL REMOVAL

Produced from high-quality polyethersulfone (PES) media, offering superior filtration performance with absolute Log 7 bacteria retention for consistent microbiological safety. Engineered with a high surface area, the media is free from adhesives and binders, minimising extractable content to maintain final product quality. Certified to meet rigorous industry standards, the PPPES-S is WRAS Approved, FDA Title 21 compliant and meets USP Class VI for 121°C-rated plastics.



FEATURES & BENEFITS



- Manufactured from high quality media
- Suitable for repeated sterilisation (30 x 30 minute cycles at 135°C)
- Absolute rated for reliable microbiological retention rates up to 99.99999% (Brevundimonas diminuta)
- Integrity tested media

MATERIALS OF CONSTRUCTION



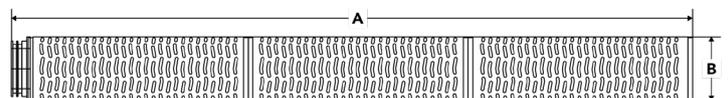
- Media: Polyethersulfone
- Support Media: Polypropylene
- Core: Polypropylene
- Cage: Polypropylene
- End-cap: Polypropylene
- Seal: Polypropylene with PSU ring insert (Z)
Stainless Steel insert (Q)
Silicone (as standard)

TECHNICAL DATA



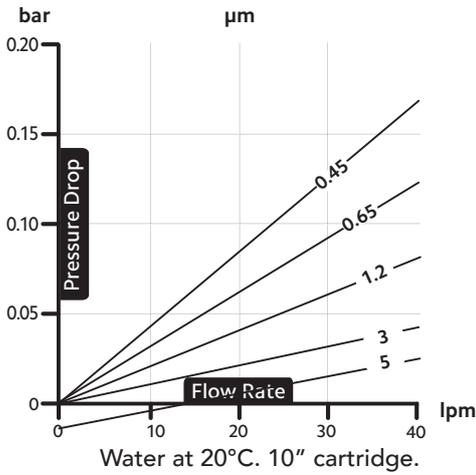
Efficiency (%)	99.99999 (Log 7)
Maximum Operating Pressure Differential (psi)	4 bar at 20°C
Maximum Operating Temperature (°C)	80
Maximum Sterilising Cycles	30 x 30 minute cycles at 135°C. Requires compatible end-caps Q (222) and Z (226).
Surface Area (m ²)	0.55 per 10"

DIMENSIONS



Dimensions (mm)						
A						B
Length (")	AA	CG	EG/FG/MG	QG	EH/FH/MH/ZH	
9¾	248	-	-	-	-	69
10	-	241	270	276	310	69
20	508	506	520	526	560	69
30	750	-	770	776	810	69
40	1000	-	1020	1026	1060	69

FLOW RATE



ORDERING GUIDE



Code	Micron (µm)	Length (")	End-cap	Seal	Diameter
PPES	0.1, 0.2, 0.45, 0.65, 1.2, 3, 5	9¾	AA	S, E, V	S
		10, 20, 30, 40	CG, EG, EH, FG, FH, MG, MH, QG, ZH		

e.g. PPEES-S-0.2-10CGS-S