

SPECIFICATIONS

- Absolute filtration – 99.98% ($\beta_x=5000$)
- Available 10" to 40"
- Outer diameter 70 mm
- High filtering surface area (0.7 m² for 10" module)
- Sanitisable
- Compliance with directives for contact with food EC and FDA CFR21
- JUNIOR version also available

APPLICATIONS

- Pharmaceutical



Sterilisation and sanitisation

- Autoclave 125°C, 30 min, multiple cycles
- In hot water 80°C max
- In-line steam 125°C, 30 min, multiple cycles
- Chemical compatible with a wide range of sanitisers

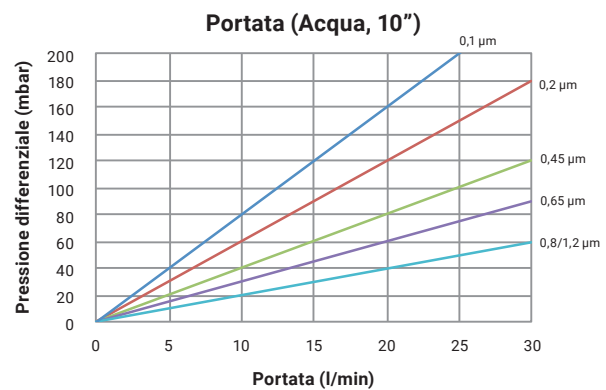
Max. operating conditions

- Temperature 80°C
- Max. diff. pressure 5.5 bar at 24°C – 1.7 bar at 80°C (Normal flow)

Building materials

- Filter media Polyethersulphone (PES)
- Support media Polypropylene
- End Polypropylene
- Core Polypropylene
- Outer protection Polypropylene
- OR/gaskets Silicone, Epdm, Nbr, Viton, Teflon, Fep

FILTRATION	BACTERIAL LOAD RETENTION >10 ⁷ /cm ² /ml
0.2 µm	Brevundimonas diminuta
0.45 µm	Serratia marcescens
0.65 µm and Above	0.65 µm Particulate and Bacteria



COMPOSITION CODE	PEP	0.2	1	1	1	0
	Model	Micron	Length	Type	OR/Gaskets	Insert
		0.1	025 = 2.5" (6.3 cm)	1 = DOE with gasket	1 = Silicone	0 = None
		0.2	05 = 5" (12.7 cm)	3 = SOE -222 with blind bottom	2 = Epdm	1 = SS insert for steam sterilisation
		0.45	1 = 10" (25.4 cm)	6 = SOE -226 with blind bottom	3 = Nbr	
		0.65	2 = 20" (50.8 cm)	7 = SOE -226 with tip	4 = Viton	
		0.8	3 = 30" (76.2 cm)	8 = SOE -222 with tip	5 = Teflon	
		1.2	4 = 40" (101.6 cm)	9 = SOE -225 with tip	6 = Fep	