

SPECIFICATIONS

- Absolute filtration – 99.98% ($\beta_x=5000$)
- Available 10" to 40"
- Outer diameter 68 mm
- High filtering surface area (0.7 m² for 10" module)
- Sanitisable and sterilisable
- Compliance with directives for contact with food EC and FDA CFR21
- Microbial retention: 0.2 μm (Brevundimonas Diminuta TR>10⁷ /cm²/ml)
- JUNIOR version also available

The filter cartridge is designed and manufactured for the filtration of high purity air and fluids and to ensure a pure and biologically stable finished product. The filter cartridge is naturally hydrophobic and contains no wetting agents. Each cartridge is manufactured in an ISO5 and ISO7 certified clean room, is pre-flushed, and 100% of the cartridges are checked for integrity during manufacture.

APPLICATIONS

- Pharmaceutical
- Chemical
- Food
- Electronics



Building materials

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

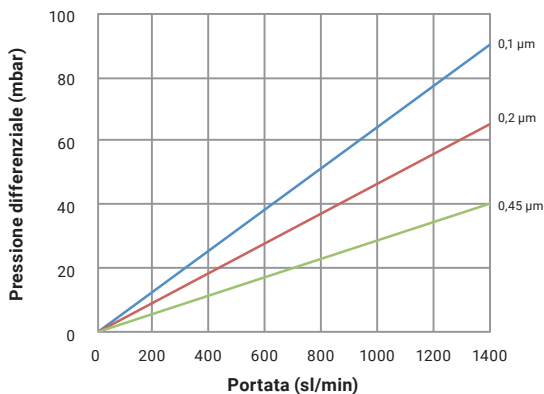
Max. operating conditions

- Temperature 80°C
- Max. diff. pressure
 - Normal flow 3.4 bar at 20°C
 - Reverse flow 2.7 bar at 20°C

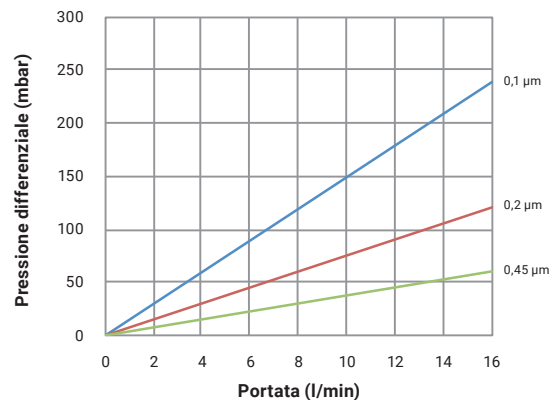
Sanitisation/Sterilisation

- Autoclave 127°C, 30 min, multiple cycles
- In-line steam 135°C, 30 min, multiple cycles
- Chemical sanitisation

Portata (Aria, 10")



Portata (Acqua, 10")



COMPOSITION CODE	PTF	1	1	1	1
	Model	Micron	Length	Type	OR/Gaskets
		0.1	025 = 2.5" (6.3 cm)	1 = DOE with gasket	1 = Silicone
		0.2	05 = 5" (12.7 cm)	3 = SOE -222 with blind bottom	2 = Epdm
		0.45	1 = 10" (25.4 cm)	6 = SOE -226 with blind bottom	3 = Nbr
			2 = 20" (50.8 cm)	7 = SOE -226 with tip	4 = Viton
			3 = 30" (76.2 cm)	8 = SOE -222 with tip	5 = Teflon
			4 = 40" (101.6 cm)	9 = SOE -225 with tip	6 = Fep