

Nylon cartridges are inherently hydrophilic Nylon 66 membrane.

They're specifically designed for use during final filtration, pre filtration, or bioburden reduction for pharmaceutical and biological liquids.

A modified Nylon membrane with positive-charged zeta particles is also available. It can provide enhanced retention for fine particles smaller than the filter rating such as endotoxins.



FEATURES AND BENEFITS

- Micron rating from 0.1 to 0.45µm
- Intrinsically water wettable
- Enhance removal of endotoxins by positive charge
- Zeta potential
- Higher Bubble Point assures a more reliable retention efficiency
- 100% integrity tested
- Low pressure drops
- High flow rates
- Longer service life
- All materials used meet the requirements on materials used for articles intended to come into contact with food as described in FDA CFR Title 21 and European Regulation (EC) N° 1935/2004 and EC N° 10/2011
 - * Extractables < 30mg per 10" / 254mm
 - * Endotoxins < 0.25EU/ml
- Available in a comprehensive range of end cap configurations for retrofitting existing applications



TECHNICAL SPECIFICATIONS

CARTRIDGE DIMENSIONES

- Outer diameter: 69mm / 2.75"
- Length: 5"/127mm 10"/254mm 20"/508mm 30"/762mm 40"/1016mm

MATERIALS OF CONSTRUCTION

- Filter media: Hydrophilic Nylon 66
- Support layers: PET
- Inner core: Polypropylene
- Outer support: Polypropylene
- End caps: Polypropylene
- Standard O' ring/gaskets: Silicone, EPDM or Viton
- Internal adaptor, reinforcing ring: PBT (Polybutylene terephthalate)

EFFECTIVE FILTRATION AREA (EFA)

- 0.69m² / 7.42ft² per Ø69 - 10" / 254mm

OPERATING CONDITIONS	
Max. operating temperature	80°C
Max. Differential pressure	6.9 bar / 25°C
	4.0 bar/ 60°C
	2.4 bar / 80°C
Reverse	3.0 bar/ 25°C
	1.0 bar/ 80°C
Steam sterilization	121°C for 30 min (<0.3 bar per cycle), 50 cycles
Autoclave	121°C for 30 min, 50 cycles



ORDERING INFORMATION

GRADE	DN	LENGTH	MICRON	END CAP (inf)	END CAP (sup)	GASKETS	END CAP INSERT
G - General		05 - 5"/127mm	0101 - 0.1 + 0.1µm	B - DOE with Gaskets	B - DOE with Gaskets	S - Silicone	(Blank) - No insert
F - F & B		10 - 10"/254mm	2222 - 0.22 + 0.22µm	C - 226	F - Flat	E - EPDM	P - PBT
P - Pharmaceutical		20 - 20"/508mm	4522 - 0.45 + 0.22µm	D - 222	S - Spear	V - Viton	S - St.St.
		30 - 30"/762mm	4545 - 0.45 + 0.45µm	E - 222 Sartorius (3 tabs)			
		40 - 40"/1016mm		J - Junior 214			
				K - Junior 216			

DISTRIBUIDO POR:



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