IPM FILTRATION SYSTEMS
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FilterNOL

Pleated filter media built in NYLON



Filtration rate: from 0.6 to 40 micron
Prefiltration and polishing of pharmaceutical, biological, chemical, solvents including aromatics.
Retention >99.98% of particles of indicated filtration grade.

FilterNOL cartridges are built with a NYLON filter media, have high mechanical, thermal and chemical resistance. The optimised pleating and large filter surface guarantee maximum autonomy and long operating life.

NYLON, the only component of FilterNOL cartridges, also allows its use in the filtration of solvents that are not compatible with polypropylene (e.g. Aromatics)

Filtration rate (µm)

0,6 - 1,2 - 2,5 - 5,0 - 10 - 20 - 40

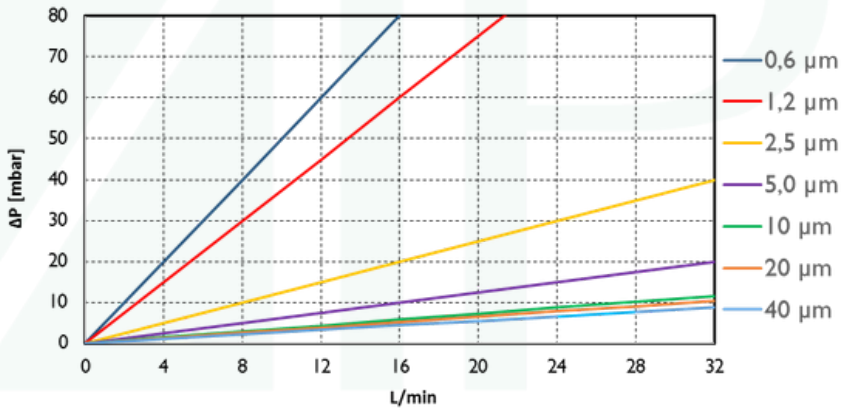
Height

10 - 20 - 30 - 40 inches in standard version
5 inches in Junior version

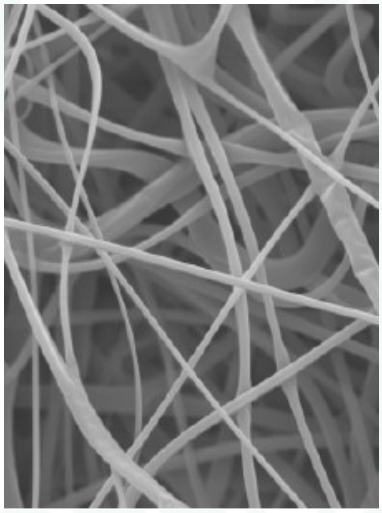
Adapters

Available with the most common connectors (see information to order)

FilterNOL performances



Water flow rate at 20°C for a 10" cartridge



FilterNOL: electron microscope photograph

SPECIFICATIONS

Construction materials

Filter Media	**NYLON**
Support and drainage layers	NYLON
Cage	NYLON
Adapter insert	AISI316L

Microbial Removal Efficiency

<99.9% (ASTM795) Absolute rated - Filter performance

Operating parameters

Maximum operating temperature	70°C
Maximum ΔP in forward flow	5,5 bar at 24°C
Maximum ΔP in reverse flow	1,8 bar at 24°C

Sterilization and sanification

Steam Up to 130°C for 30 minutes

Cartridge dimensions

Standard Lenght: 250, 500, 750, 1000 mm

External diameter: 70 mm

Integrity Test values

NON APPLICABLE TO NON MEMBRANE FILTERS

INFORMATION TO ORDER



NOL	7	10	006	S	I
Product identification	Adapters	Lenght	Filtration rate	Gaskets	Insert
	D = DOE (double opened end) **2** = OR226/2 bayonets/ without fin **3** = OR222/without fin **5** = OR222/3 bayonets/with fin **7** = OR226/2 bayonets/with fin **8** = OR222/with fin	10=10” 20=20” 30=30” 40=40”	006 = 0,6 µm 012 = 1,2 µm 025 = 2,5 µm 050 = 5,0 µm 100 = 10 µm 200 = 20 µm 400 = 40 µm	E= EPDM S= Silicone V= Viton ® X= Other	I = with (*) 0 = without (*) when filter has to be sterilized by steam

Quality standard

- *Produced in clean room*
- *Conform to USA and CE rules*
- *Wide filtration rate range*
- *Complete range of adapters*

Bio - safety standard

Cartridges pass toxicity tests of particles and fibers release.
They conform to USP requests for TOC, conductivity and bacterial endotoxins (determined with LAL test)

Regulatory Compliance

Materials conform to requirements of CFR21 Part 177 from USP, IV Class - 121°C for plastic products and to the rule n. 1935/2004/CE for contact with food.

Document n° DSNOLGB002 issued in Italy 11/2026

IPM reserves the right to modify any product feature for technical reasons and to offer customers the best technology.
For clarifications, please contact IPM

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