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FilterNYL

Pleated membrane in Nylon 66



Filtration rate: from 0.2 to 1.2 micron
Sterilization and microbiological stabilization of pharmaceutical, biological, chemical, solvents, perfumes, mouthwashers, water, wine, beer, beverages products.

FilterNYL cartridges are built with a Nylon 66 membrane, have high mechanical, thermal and chemical resistance.

The high hydrophilicity of the membrane and the large filtering surface guarantee autonomy and long service life.

Filtration grade

0,2 - 0,45 - 0,65 - 0,8 e 1,2 micron

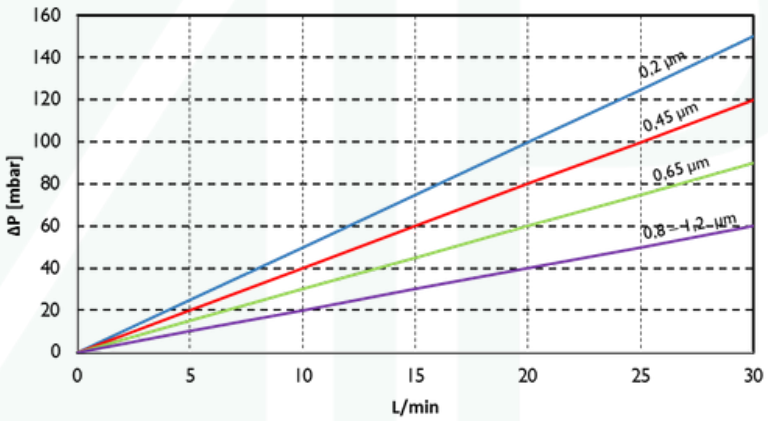
Height

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

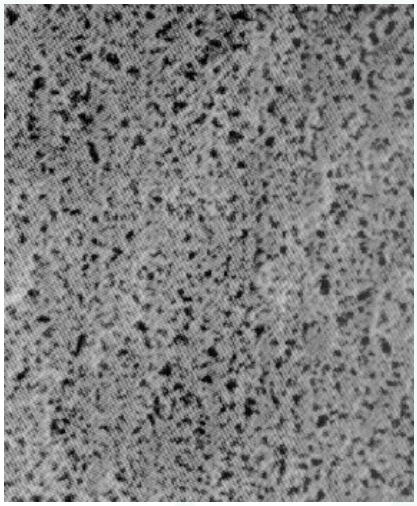
Adapters

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

FilterNYL Performances



Water flow rate at 20°C for 10" cartridge



FilterNYL: electron microscope photograph

SPECIFICATIONS

Materials of Construction

Filter Membrane	**Nylon 66**
Support and drainage layers	Polypropylene
Cage	Polypropylene
Adapter insert	AISI316L

Microbial Removal Efficiency

0,2 µm	*Brevundimonas diminuta TR>10^7/cm^2*
0,45 µm	*Serratia marcescens TR>10^7/cm^2*
0,65 - 0,8 - 1,2 µm	*Saccaromices cerevisiae following* ASTM F838-15a

Operating parameters

Maximum operating temperature	70°C
Maximum ΔP in forward flow	5,0 bar a 50°C
Maximum ΔP in reverse flow	1,8 bar a 24°C

Sterilization and sanification

Steam	Up to 130°C for 30 minutes
Hot water	Up to 90°C for 30 minutes

Cartridge dimensions

Junior	Lenght: 125 mm
	External diameter: 56 mm
Standard	Lenght: 250, 500, 750, 1000 mm
	External diameter: 70 mm

Integrity Test values

The specification values for the different filtration rates are shown in the instructions for use attached to the cartridge packaging

INFORMATION TO ORDER



J	D	2	3	5	7	8

NYL	7	10	002	S	I	PH
Product identification	Adapters	Lenght	Filtration rate	Gaskets	Insert	Version
	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”	002 = 0,2 µm 004 = 0,45 µm 006 = 0,65 µm 008 = 0,8 µm 012 = 1,2 µm	E= EPDM S= Silicone V= FPM X= FV= Viton ® X= Other	I = with (*) 0 = without (*) when filter has to be sterilized by steam	PH = Pharma version
	J = JUNIOR	05=5,0”				

Quality standard

- *Produced in clean room*
- *Integrity check on each single module before shipment*
- *Conform toUSA 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° DSNYLGB002 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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