

FilterNYL

Pleated membrane in Nylon 66

Filtration grade: 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

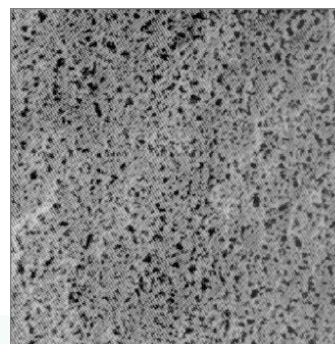
0,2 - 0,45 - 0,65 - 0,8 e 1,2 micron

Length

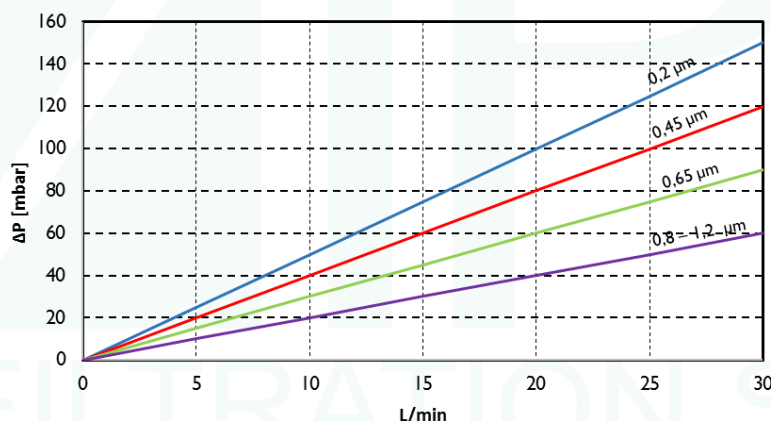
10 - 20 - 30 - 40 inches in standard module
5 inches in Junior module

Adattatori

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



FilterNYL: electron microscope photograph



FilterNYL Performances

Water flow rate at 20°C for 10" cartridge

SPECIFICATIONS

Materials of Construction

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

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

Cartridge dimensions

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

Microbial Removal Efficiency

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

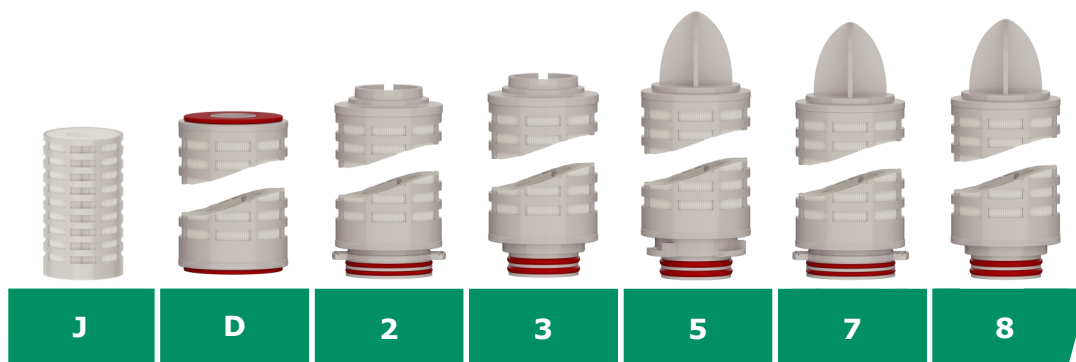
Sterilization and sanification

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

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



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 = FEP	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 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.

ipmfilters.com

Document n° DSNYLG002 issued in Italy 04/2026

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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