

# FilterNYP

## Pleated membrane in Nylon 66 positively charged

Filtration grade: 0.2 micron

Sterilization and depyrogenation of pharmaceutical, biological, chemical, solvents and water products.

FilterNYP cartridges are built with a Nylon 66 positively charge 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

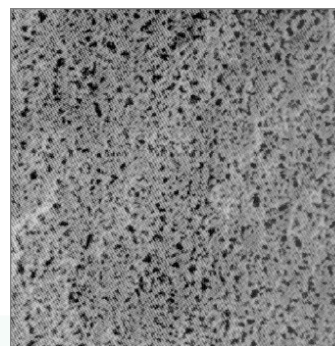
0,2 micron

### Lenght

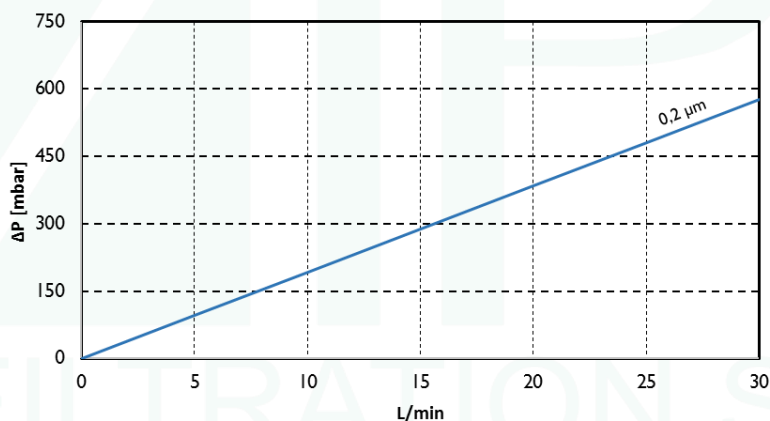
10 - 20 - 30 - 40 inches in standard module  
5 inches in Junior module

### Adattatori

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



FilterNYP electron microscope photograph



## FilterNYP Performances

Water flow rate at 20°C for 10" cartridge

# SPECIFICATIONS

## Materials of Construction

|                             |                 |
|-----------------------------|-----------------|
| <b>Filter Membrane</b>      | <b>Nylon 66</b> |
| Support and drainage layers | Polipropilene   |
| Cage                        | Polipropilene   |
| Adapter insert              | AlSi316L        |

## 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

|                 |                                |
|-----------------|--------------------------------|
| <b>Junior</b>   | Length: 125 mm                 |
|                 | External diameter: 56 mm       |
| <b>Standard</b> | Length: 250, 500, 750, 1000 mm |
|                 | External diameter: 70 mm       |

## Microbial Removal Efficiency

|        |                                                                   |
|--------|-------------------------------------------------------------------|
| 0,2 μm | <i>Brevundimonas diminuta</i> TR>10 <sup>7</sup> /cm <sup>2</sup> |
|--------|-------------------------------------------------------------------|

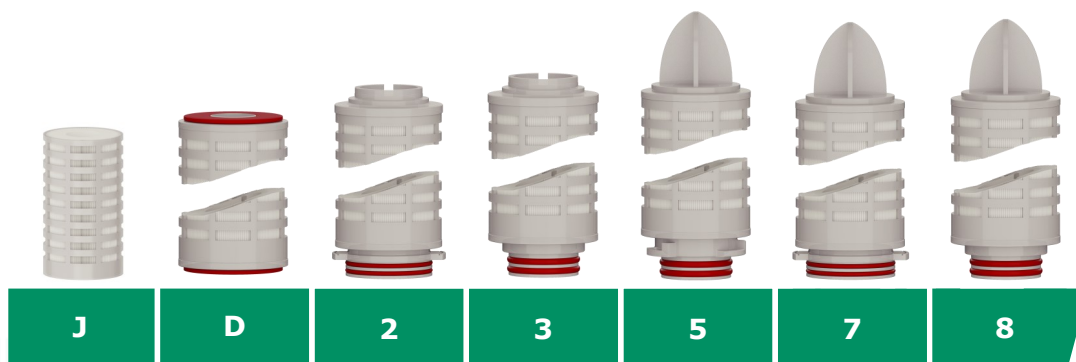
## Sterilization and sanification

|           |                            |
|-----------|----------------------------|
| 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



| NYP                    | 7                                                                                                                                                                                                                                                       | 10                                                  | 002             | S                                                                          | I                                                                                              | PH                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------|
| Product identification | Adapters                                                                                                                                                                                                                                                | Length                                              | Filtration rate | Gaskets                                                                    | Insert                                                                                         | Version                    |
|                        | <b>D</b> = DOE (double opened end)<br><b>2</b> = OR226/2 bayonets/ without fin<br><b>3</b> = OR222/without fin<br><b>5</b> = OR222/3 bayonets/ with fin<br><b>7</b> = OR226/2 bayonets/ with fin<br><b>8</b> = OR222/ with fin<br><br><b>J</b> = JUNIOR | 10=10"<br>20=20"<br>30=30"<br>40=40"<br><br>05=5.0" | 002 = 0,2 μm    | <b>E</b> = EPDM<br><b>S</b> = Silicone<br><b>V</b> = FPM<br><b>X</b> = FEP | <b>I</b> = with (*)<br><b>0</b> = without<br><br>(*) when filter has to be sterilized by steam | <b>PH</b> = Pharma version |

### Quality standard

- Produced in clean room
- Integrity check on each single module before shipment
- Conform to USA and CE rules
- 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° DSNYPGB002 issued in Italy 05/2026

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



Via Madre Teresa 22  
20851 Lissone - Italy  
Tel. +39.039.2145244  
Fax +39.039.2145245  
E-mail: ipm@ipmfilters.com