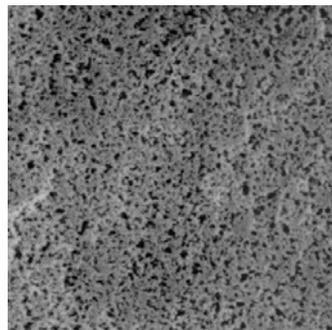


# FilterNYF

## PHARMA GRADE NYLON 66 MEMBRANE CARTRIDGE WITH POLYPROPYLENE SUPPORTS



SEM CROSS SECTIONAL VIEW

### DESCRIPTION

FilterNYF cartridge has Nylon 66 pharmaceutical membranes developed for sterile filter applications or sub-micron particle removal. The membranes are supported by polypropylene layers that improve the strength and the service life of the pleated membrane.

Stringent quality control standards guarantee a first class product with a consistent filtration performance.

Constructed and assembled in a clean room environment FilterNYF cartridge filters are 100% tested both during the manufacturing and before shipment.

The FilterNYF cartridge is an excellent choice for the final filtration of liquid products in the pharmaceutical, biological and food and beverage industries, as well as throughout many critical industrial filtration applications

The FilterNYF available filtration rating is 0,2  $\mu\text{m}$  with standard length of 10"; 20"; 30"; 40" for classic configuration, and of 2,5 – 5 inch for Junior configuration.

FilterNYF cartridges may be steam sterilized or autoclaved according USP methods.



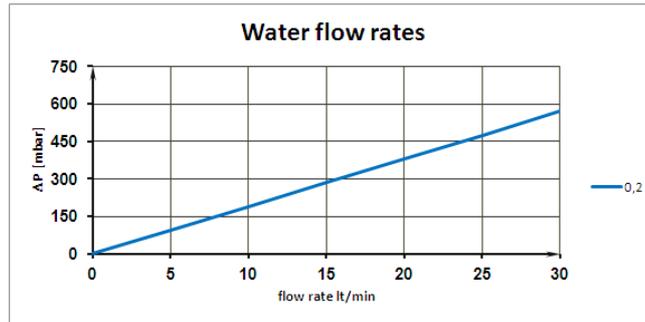
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# FILTERNYF

Pharma grade Nylon 66 membranes cartridge with polypropylene supports

## PERFORMANCE



water flow rates per 10" standard cartridges and in-line filter housing.

## SPECIFICATION

### Materials of construction:

Membrane : pharma grade nylon 66  
 Supports layers: polypropylene  
 hardware, end caps, guards: polypropylene

### Filtration rating

002 = 0,2 µm = bacteria retention (Brevundimonas diminuta)  
 TR > 10<sup>7</sup>/cm<sup>2</sup>/ml) ASTM F838-05

### Nominal Dimensions

Length: 10" (250 mm); 20" (500 mm); 30" (750 mm); 40" 1000 mm)  
 outside diameter: 70 mm (2.75")

Length Junior series: 5" (125 mm) and 2,5" (62 mm)  
 Outside Diameter Junior series: 54 mm

### Cartridges configurations:

see the table ORDER INFORMATION below

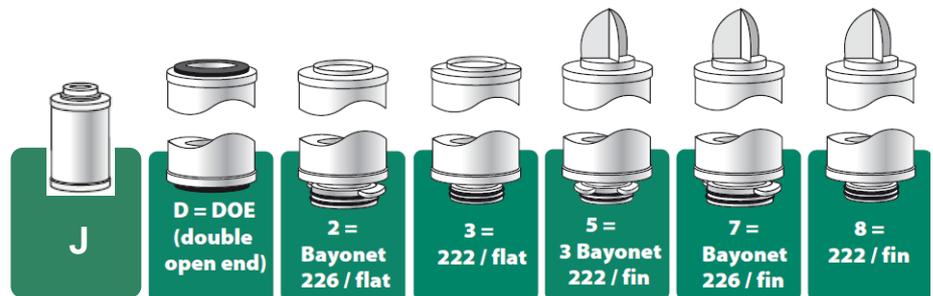
### Operation conditions:

Maximum differential P in forward flow direction (from outside to inside of the cartridge)  
 5.0 bar up to 50°C  
 4.0 bar up to 80°C  
 2.0 bar up to 125°C (for sterilizing cycle by USP)

### Sterilization

Cartridges may be steam sterilized multiple cycles at 130°C (266°F). With appropriate SS insert

## ORDER INFORMATION



NYF	7	10	002	S	I	PH
Product identification:  NYF	CARTRIDGE TYPE	LENGTH	FILTRATION RATING	GASKETS O-RINGS	INSERT	VERSION
	D = DOE (double open end) 2 = bayonet 2.226/flat 3 = 2.222/flat 5 = 3 bayonet 2.222/fin 7 = bayonet 2.226/fin 8 = 2.222/fin	10 = 10" 20 = 20" 30 = 30" 40 = 40"	002 = 0.2 µm	B = Buna N E = EPR S = Silicone V = Viton X = other  VITON® is a registered trade name of E.I. duPont de Nemours & Co. Inc	I = with SS insert (*)  0 = no SS insert  (* ) When filter has to be sterilized by steam	PH = Pharma version
	J = Junior Cartridge	02 = 2,5" 05 = 5"				

FilterNYF is a product by:



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