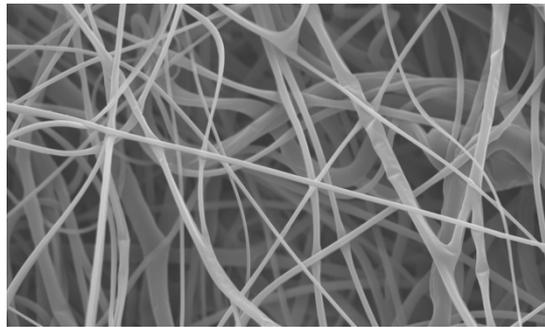


# FilterPOL

## 100% POLYPROPYLENE PLEATED MEDIA FILTER CARTRIDGE



SEM CROSS SECTION VIEW

### DESCRIPTION

FilterPOL is a 100% polypropylene filter cartridge made with random fiber polypropylene depth media. It provides long on-stream life and high retention efficiencies.

While many polypropylene depth media are nominally rated and cannot meet their actual claimed retention efficiency, FilterPOL has been engineered to meet exacting performance claims. The IPM innovative polypropylene media has unsurpassed dirt-loading capacity. The number of pleats for each filter rating has also been optimized in order to ensure maximum dirt-loading capacity and on-stream life.

FilterPOL is manufactured in a clean room, it is no fibers releasing. FilterPOL is available with 0,6; 1,2; 2,5; 5,0; 10; 20 e 40 abs. micron with standard length of 10"; 20"; 30" and 40" for classic configuration, and of 2,5 – 5 inch for the mini cartridges Junior line

FilterPOL is thermally bonded from 100% virgin polypropylene to ensure superior cleanliness, and excellent chemical and thermal compatibility under harsh processing conditions.



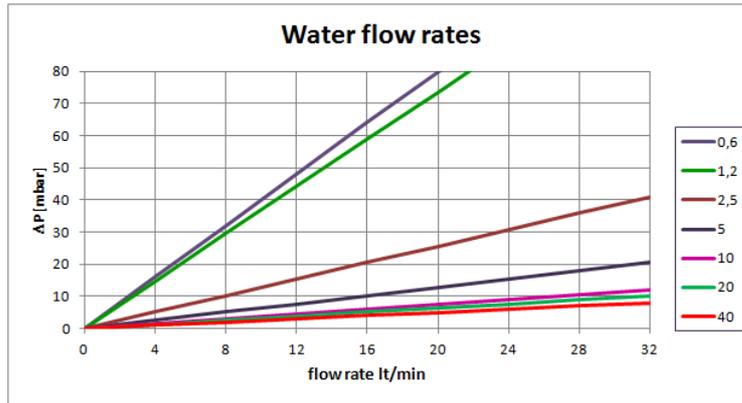
**IPM s.r.l. Sistemi di filtrazione**

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# FILTERPOL

Pleated Polypropylene Depth Cartridges With Superior Dirt-Holding Capacity

## PERFORMANCE



Flow rates with water, for 10" standard, with in-line housing

## SPECIFICATION

### Material of construction:

Depth media: polypropylene  
 Supports layers: polypropylene  
 hardware, end caps, guards: polypropylene

### Standard Filtration rating:

0,6 – 1,2 – 2,5 – 5,0 – 10 – 20 – 40 μm

### 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

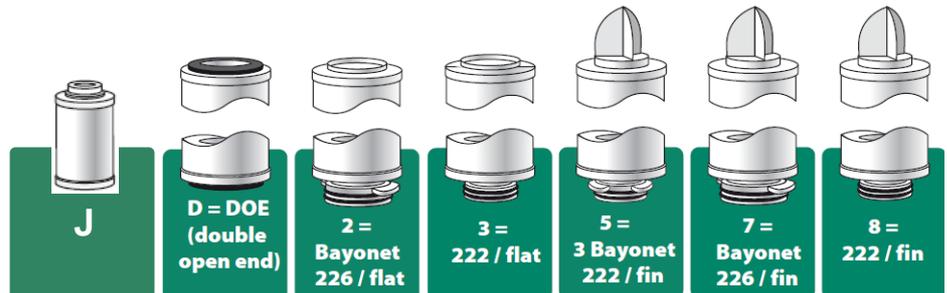
### Operation conditions:

Maximum differential P in forward flow direction (from outside to inside of the cartridge) 5.5 bar at 24°C  
 1.8 bar in backwash

### Sterilization

Cartridges may be steam sterilized multiple cycles at 130°C (266°F). With appropriate SS insert (sterilizing procedure as per current USP)

## ORDER INFORMATION



POL	7	10	025	S	I	PH
	<b>CARTRIDGE TYPE</b>	<b>LENGTH</b>	<b>FILTRATION RATING</b>	<b>GASKETS O-RINGS</b>	<b>INSERT</b>	<b>VERSION</b>
Product identification: <b>POL</b>	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"	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	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"				

FilterPOL is a product by:



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