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FilterPRO

Polypropylene multilayered thickened filter media



Filtration rate: from 1.0 to 40 micron
Prefiltration and polishing of pharmaceutical, biological, chemical, solvents, perfumes, mouthwashes, water, wine, beer, beverages product.
Retention >99,9% on particles of the indicated filtration rate.

FilterPRO cartridges are built with graded-density media structure, it removes particles sequentially by size.
The exceptional accumulation capacity of contaminants of different sizes guarantees maximum service life and retention efficiency.

Polypropylene, the only component of FilterPRO, confers high mechanical, thermal and chemical resistance.

Filtration rate (µm)

1,0 - 3,0 - 5,0 - 10 - 20 - 40

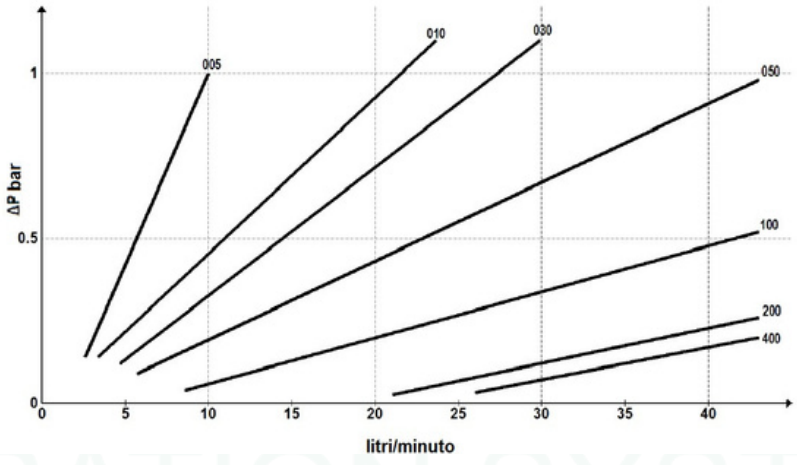
Height

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

Adapters

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

FilterPRO performances



Water flow rate at 20°C for a 10" cartridge

SPECIFICATIONS

Construction materials

Filter Media	Polypropylene
Support and drainage layers	Polypropylene
Cage	Polypropylene
Adapter insert	AISI316L

Microbial Removal Efficiency

>99.9% On particles of the indicated filtration rate

Operating parameters

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

Sterilization and sanification

Steam	Up to 121°C for 30 minutes
Hot water	Up to 90°C for 30 minutes

Cartridge dimensions

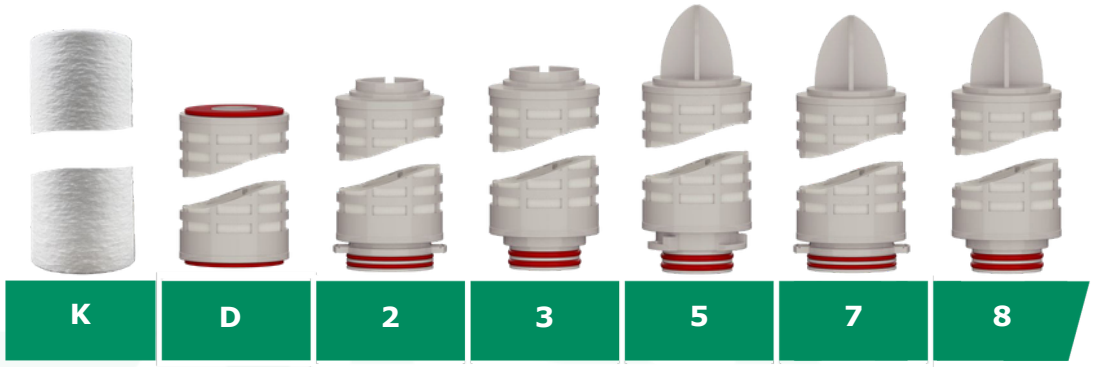
Standard Lenght: 250, 500, 750, 1000 mm

External diameter: 70 mm

Integrity Test values

NOT APPLICABLE TO NON-MEMBRANE FILTERS

INFORMATION TO ORDER



PRO	7	10	010	C	S	I	PH
Product identification	Adapters	Lenght	Filtration rate	External cage	Gaskets	Insert	Version
	K = DOE without adapter/cage/ insert **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”	010 = 1,0 µm 030 = 3,0 µm 050 = 5,0 µm 100 = 10 µm 200 = 20 µm 400 = 40 µm	C = with cage Y = without cage	E = EPDM S = Silicone V= Viton ® X= Other	I = with (*) 0 = without (*) when filter has to be sterilized by steam	PH = Pharma version

Quality standard

- *Produced in clean room*
- *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.

Document n° DSPROGB002 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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