

SINTERIP

Cylindrical filter media made of 316L

Filtration grade: from 10 to 200 microns

Prefiltration and polishing of pharmaceutical, biological, chemical, solvents, perfumes, mouthwashes, creams,



SINTERIP: septum of 5 micron sintered powders under the electron microscope (200x)

PRODUCT INFORMATION

SINTERIP cartridges are built with 316L stainless steel mesh filter media with internal support and welded bottoms.

The special construction technology gives the SINTERIP high mechanical resistance even at high temperatures, high chemical compatibility and total absence of transfer of particles and extractables.

The SINTERIP cartridge can be regenerated by backwashing, washing with solvents and ultrasounds.

Filter Grades Available

0,5; 1,0; 3,0; 5,0 microns

Nominal Dimentions

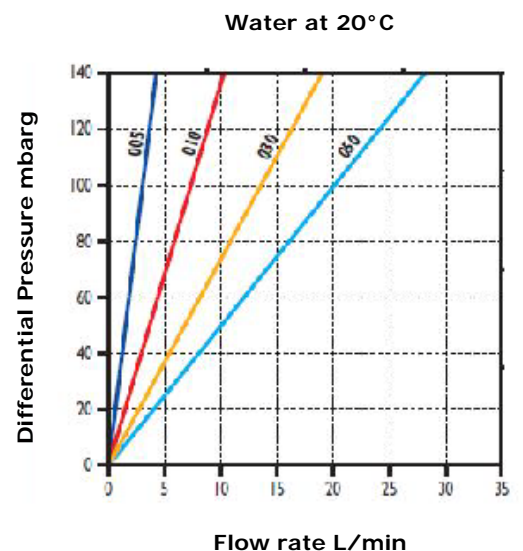
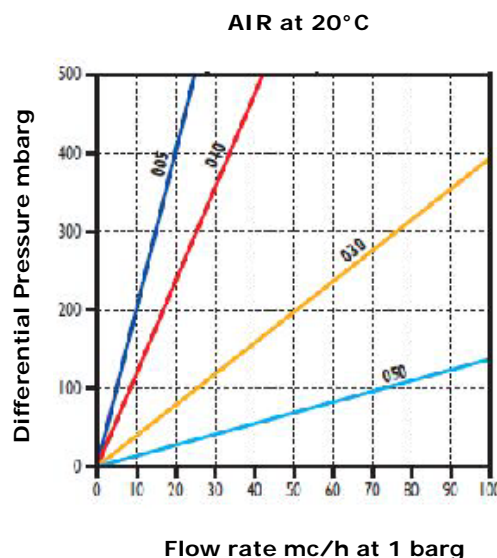
10 - 20 - 30 - 40 inches in the classic configuration

Adapters

Available with the most popular terminals (see ordering information)

Flow vs. Differential Pressure

The flow pressure drop refer to air (1 barg) or water at 20 °C , for a 10" cartridge.



Specifications

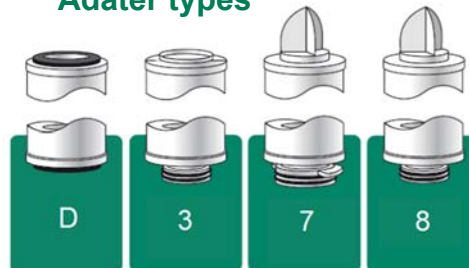
| | | | |
|---|--------------------|--|---------------------------|
| Materials of Costruction | | Cartridges Cleaning | |
| Filter media | AISI 316L sintered | With solvents, calcination ad/or ultrasounds | |
| Support layers armor | AISI316L | Backwashing | |
| Operating Parameters | | Sterilization | |
| Maximum operating temperature | 150°C continuously | Steam | Up to 130°C per 30 minuti |
| Maximum differential pressure | 10 barg at 100C | | |
| Forward direction | 5,0 barg at 80°C | | |
| Cartridges Nominal Length | | Integrity Testing | |
| Standard Lenght: 250, 500, 750, 1000 mm, Diameter. 60,4 mm | | NON APPLICABILE AI FILTRI NON A MEMBRANA | |

Housing Information

A full selection of standard industrial housings are available for SINTERIP elements. Custom designed housings for specific applications are also available.

ORDERING INFORMATION

Adater types



| S | 7 | 10 | 005 | S |
|------------------------|---|--------------------------------------|--|--|
| Product identification | Adapter | Length | Filtration Rating | Gaskets o-rings |
| | D = DOE (double open end) 3 = OR222/without fin 7 = OR226/2 bayonet with fin 8 = OR222/ with fin | 10=10" 20=20" 30=30" 40=40" | 005 = 0,5 µm 010 = 1,0 µm 030 = 3,0 µm 050 = 5,0 µm | E = EPDM S = Silicone V = FPM X = FEP |

IPM s.r.l. - Sistemi di filtrazione - Via Madre Teresa, 22 - 20851 Lissone (MB) - Italy

IPM si riserva il diritto di modificare qualsiasi caratteristica del prodotto per ragioni tecniche e per offrire ai clienti la migliore tecnologia. Per chiarimenti contattare IPM.

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