

SINTERIP

Filter media made of 316L sintered powder

Filtration grade: from 0.5 to 5 micron

Steam filtration (1 micron for 3A standard), compressed gases, ventilation, liquids and creams in pharmaceutical, cosmetic and food industry.

SINTERIP cartridges are made of 316L stainless steel sintered powder at controlled grain size.

Sintering allows to obtain a porous, compact and highly resistant material suitable for depth filtration.

It is an excellent filter with particular filtration precision; SINTERIP cartridge has high mechanical resistance even at high temperatures, high chemical compatibility and total absence of transfer of particles and extratables.

Filtration grade (referring to steam and gas)

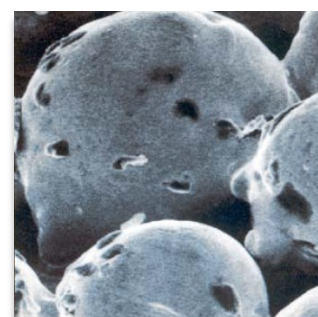
0,5 - 1,0 - 3,0 - 5,0 micron

Length

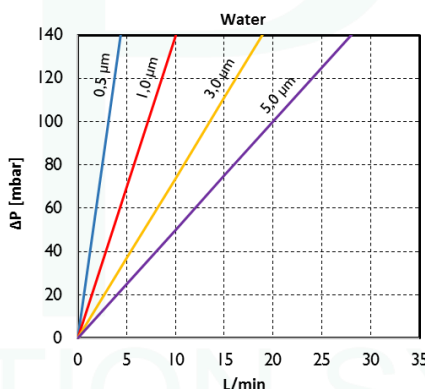
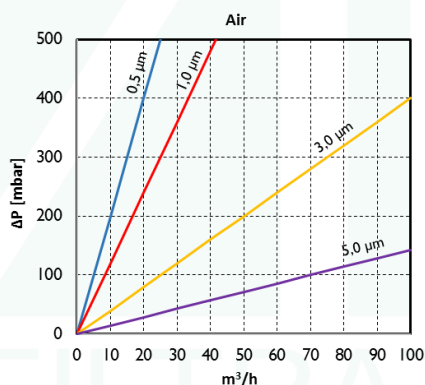
10" - 20" - 30" - 40" inches in standard module

Adapters

Available with the most common connectors (see ordering information)



SINTERIP: 5 micron sintered powder filter under electron microscope (200x)



SINTERIP performances

Air and water flow rate at 20°C
for 10" cartridge

SPECIFICATIONS

Materials of Construction

Filter media	AISI 316L sintered
Support layers	AISI316L
Aarmor	AISI316L

Rigeneration

With solvents, ultrasounds, calcination

Operating parameters

Maximum operating temperature	150°C
Maximum ΔP in forward flow	10 bar at 100°C
Maximum ΔP in reverse flow	5 bar at 80°C

Sterilization

Steam Up to 130°C for 30 minutes

Cartridge dimensions

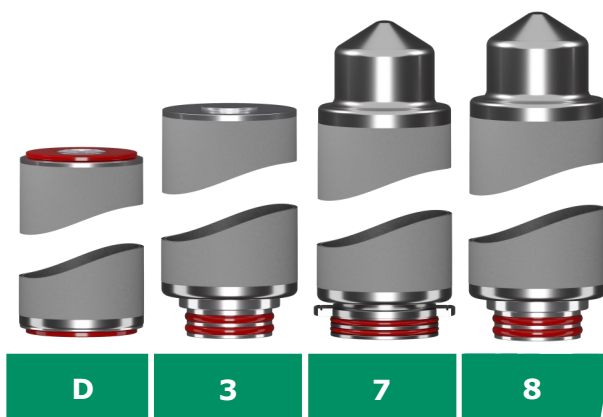
Standard

Lenght: 250, 500, 750, 1000 mm
External diameter: 64 mm

Integrity test

NOT AVAILABLE FOR NON MEMBRANE FILTERS

INFORMATION TO ORDER



S	7	10	005	S
Product identification	Adapters	Lenght	Filtration rate	Gaskets
	D = DOE (double opened end) 3 = OR222/without fin 7 = OR226/2 bayonets/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

Quality standard

- Conform to USA and CE rules
- Wide filtration rate range
- Complete range of adapters

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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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