

NP-SM - Mesh Filter Cartridge



Specifications

Material:	Stainless steel mesh 1.4301
Filtration rate:	5-25 µm
Max diff pressure:	5 bar
Max temp:	-20°C to 200°C
End cap:	SS 1.4301
O-ring	EPDM (others available)

Pre and final filter with absolute retention rate for particle removal from aqueous solutions, water and other liquids, as well as gases.

P-SM consists of a regenerable stainless steel mesh, with stainless steel outer guard and endcaps. The retention rate extends from 5 µm up to 25 µm

Application

- Water filtration
- Chemicals
- Solvents
- Biological liquids
- Pharmaceuticals
- Cosmetics
- Oils • Coolants
- Food and Beverages
- Syrup

Dimensions

Element size	A (mm)	B (mm)	Ø C	Ø D (mm)	CF
03/10	76	12	¾"	42	0,12
04/10	104	12	¾"	42	0,17
05/20	104	14	1"	52	0,19
05/25	128	14	1"	62	0,32
07/25	180	14	1"	62	0,47
05/30	128	16	2"	86	0,46
07/30	180	16	2"	86	0,68
10/30	254	16	2"	86	1,00
15/30	381	16	2"	86	1,55
20/30	508	16	2"	86	2,10
30/30	762	16	2"	86	3,28
30/50	762	16	2"	140	5,89

Specifications

Materials	
Filter Media	SS Mesh 1.4301
Endcaps	SS 1.4301
Bonding material	Plastic Steel*
O-rings	EPDM**

* > 150°C welded endcaps
** Silicone, Buna N, Viton, Aflas or Kalrez on request

Additional Data

Filtration surface	494 cm ² per 10" element (10/30) (250mm)
Absolute retention rate	5µm, 25µm
Max diff. pressure	5 bar
regeneration	Ultrasonic bath
Temperature range	-20°C to 200°C*

* > 150°C welded endcaps
> 200°C on request