

SPECIFICATIONS

- Constructed using sintered AISI 316L microfibres
- Fully electro-welded inner tube
- Available with STAINLESS STEEL or POLYPROPYLENE fittings
- Filtration from 3 to 75 microns
- Length from 4" to 40" nominal
- Outer diameter < 68 mm
- **Special designs on request**

APPLICATIONS

- Fuel filtration
- Filtration of liquids even with high viscosity
- Filtration of gases even at high temperatures
- Steam filtration
- Ink filtration
- Beverage and syrup filtration
- Catalyst filtration or recovery
- Critical fluid filtration
- Membrane supports



Max. operating conditions

- Max. differential pressure:
 - Pleated Glued Øo 58: 15 bar @ 25°C
 - Pleated Glued Øo 68: 8 bar @ 25°C
 - Pleated stapled Øo 68: 8 bar @ 25°C
 - Cylindrical Glued Øo 58: 5 bar @ 25°C
 - Cylindrical Glued Øo 68: 3 bar @ 25°C
 - Cylindrical Stapled Øo 58: 5 bar @ 25°C
 - Cylindrical Stapled Øo 68: 3 bar @ 25°C
- Max. operating temperature*:
 - 160°C: version "E" with epoxy adhesive
 - 200°C: version "K" brazed
 - 250°C: version "G" stapled
 - 360°C: version "S" TIG-welded

*Compatible with maximum gasket temperatures

* Indicative flow rate referring to				**Filtering surface area cm ²		
	WATER	GAS	STEAM			
Viscosity	1 cP	0.018 cP	0.012 cP	Height	MS-CL	MS-CP
µm	l/h	Am ³ /h	kg/h			
3	2000	25	60			
5	2500	30	80	4"	200	520
10	3000	30	80	10"	500	1300
20	3000	40	100	20"	1000	2600
30	3500	40	120	30"	1500	3900
40	3500	50	150	40"	2000	5200
60	3500	50	150			
75	4000	60	160			

* Flow rate refers to a 10" 'CP' cartridge - Δp 0.05 bar
 ** MS-CL filtering surface refers to Ø 68 mm cartridge
 • Retention refers to the filtration of liquids.
 Contact our technical department for gas filtration

COMPOSITION CODE	MS	A	CP	1	D	G	M1	10	1	P	N	M	
	Mod	Ø Out	Type	Micron	Filter Mesh Support	Sealant Type	Filter Media Material	Height	End cap	End Materials	Gaskets	Spring	
		A = Ø OUTER 58 mm	CL Cylindrical	3		E = Epoxy adhesive	M1 = AISI 304	6 = 6" (152 mm)	0 = DOE	P = Polypropylene		- = Normal MI	
		B = Ø OUTER 68 mm	CP Pleated	5	N = Normal	G = Stapled	M2 = AISI 316	10 = 10" (250 mm)	1 = DOE with gasket	S1 = AISI 304	0 = None	= Internal Reinforcement Spring	
				10	D = Double Support	S = TIG- WELDING		20 = 20" (500 mm)	3 = SOE -222 with blind bottom	S2 = AISI 316	N = Nbr	ME = External Reinforcement Spring	
				20		F = Replaceable sleeve		30 = 30" (750 mm)	6 = SOE -226 with blind bottom		E = Epdm	S = Silicone	
				30		K = Brazed		40 = 40" (1000 mm)	7 = SOE -226 with tip		V = Viton	T = Ptfе	MIE = Internal and External Reinforcement Spring
				40				Other heights available on request	8 = SOE -222 with tip		P = PVC	LE = External Plate	
				60					9 = SOE -225 with tip				
				75									