



peiro, s.a.

Sieve Filters, cleanable

PD-MS – Stainless steel pleated cartridges, cleanable sieve elements

PD-MS Stainless steel pleated cartridges are robust and multi-functional sieve elements with an enlarged filter area due to the pleated structure.

The PD-MS Stainless steel pleated cartridges are reverse-flushable and have cleanable surfaces. The stainless steel screens are available in 5 µm to 500 µm and are mounted on a stable core support made of stainless steel perforated sheet with end caps welded on after being pleated. Apart from the standard versions with double-sided open ends (DOE), custom-made filter cartridges with different diameters, lengths and end-cap configurations can be manufactured. Typical applications are to be found in the food industry, when working with solvent based, viscose products such as varnishes and paints, or especially in such areas where other filter materials can not be used due to thermal- or chemical limitations



PD-MS – Stainless steel pleated cartridges

Technical data

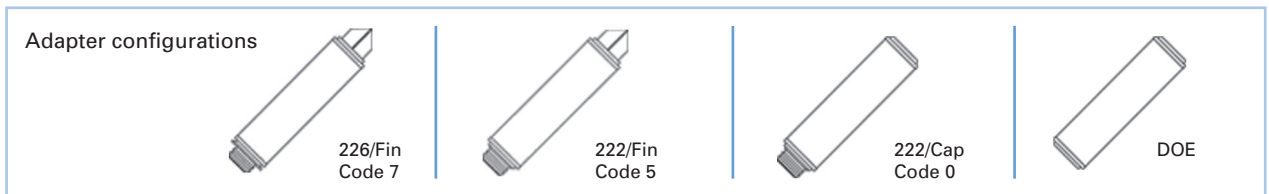
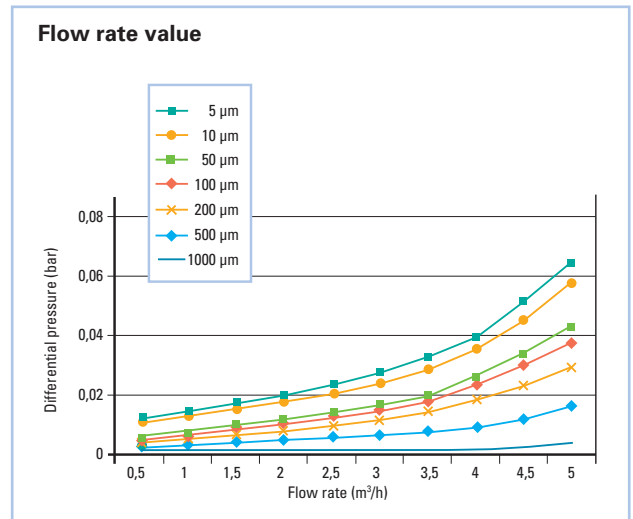
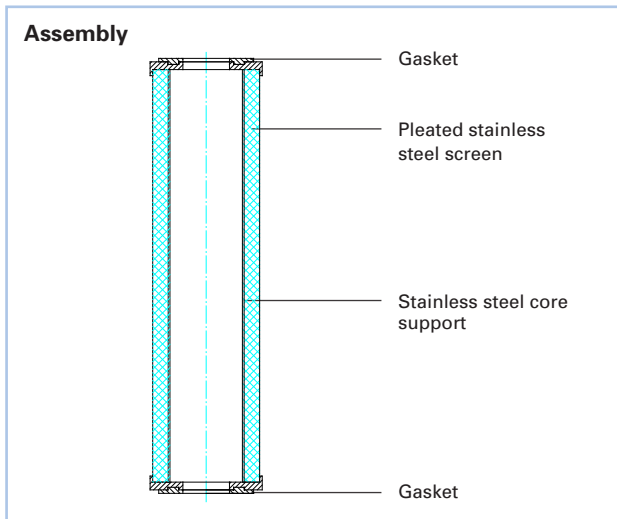
Filter medium:	Stainless steel 1.4301
Support:	Perforated stainless steel sheet 1.4301
End cap:	Stainless steel 1.4301
Gasket:	PTFE gasket
Filter ration:	5 - 500 µm
Filter area:	1500 cm ² /10"
Lengths:	From 4 7/8" to 40"
Diameter:	Internal Ø 28 mm External Ø 69 mm
Temperature:	Max. 200 °C
Differential pressure:	Max. 5 bar

Applications

- Sieve filters for foods such as oils and greases
- End-filters used prior to bottling any viscose mediums such as syrup, marmalade or jam
- Pre-filters for water recycling plants
- Dirt strainers for protecting pumps, valves, spray-nozzles or heat-exchangers
- Security filters for inks, paints, varnishes and adhesives

Features and Benefits

- Cleanable, sieve cartridges made of stainless steel screen
- Enlarged filter area due to pleated structure
- Stable stainless steel core support made of perforated sheet
- Filter rations from 5 µm to 500 µm
- Lengths from 4 7/8" to 40"
- Gaskets made from PTFE
- Rigid construction for high differential pressures
- Temperature-durable up to 200 °C
- Applicable for use with foods



Order information

PD-MS-	0100	G	09	T	—
PD MS-Stainless steel pleated cartridges	Filter rating in µm	Design	Length in inches	Sealing compound	Adapter configuration
	5, 10, 25, 50,	External- Ø 69 mm	4 7/8: 124 mm	T: PTFE	- : DOE with end caps
	75, 80, 100, 125,	Internal- Ø 28 mm	5: 127 mm	V: Viton	-0: 222/Cap
	150, 200, 250, 275,		9 3/4: 248 mm		-5: 222/Fin
	300, 350, 400, 450,		10: 254 mm		-7: 226/Fin
	500 µm		19 1/2: 496 mm		
			20: 508 mm		
			29 1/4: 744 mm		
		30: 762 mm			
		39: 992 mm			
		40: 1016 mm			