

Panel Filter MP

Pleated filter medium

DESCRIPTION

Disposable filter with increased filtration surface due to Intrepid® filter medium.

The progressive hydrophobic medium is provided with a flanked mesh, locked in a moisture-resistant cardboard framework on the outlet side.

Intrepid® is a thermally bonded and electrostatically charged 100% synthetic polyfin medium, which does not allow any bacterial growth.

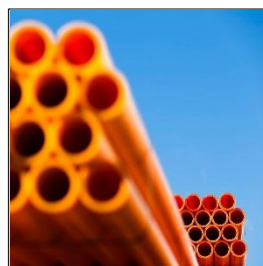
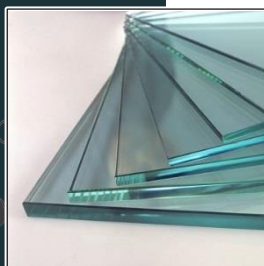


APPLICATIONS

This panel filter is used as a coarse filter for different applications:

- HVAC
- Cooling groups
- Inlet air for industrial applications
- Activated carbon installations
- Pre-filter for HEPA absolute filtration.

* please contact us for specific applications.

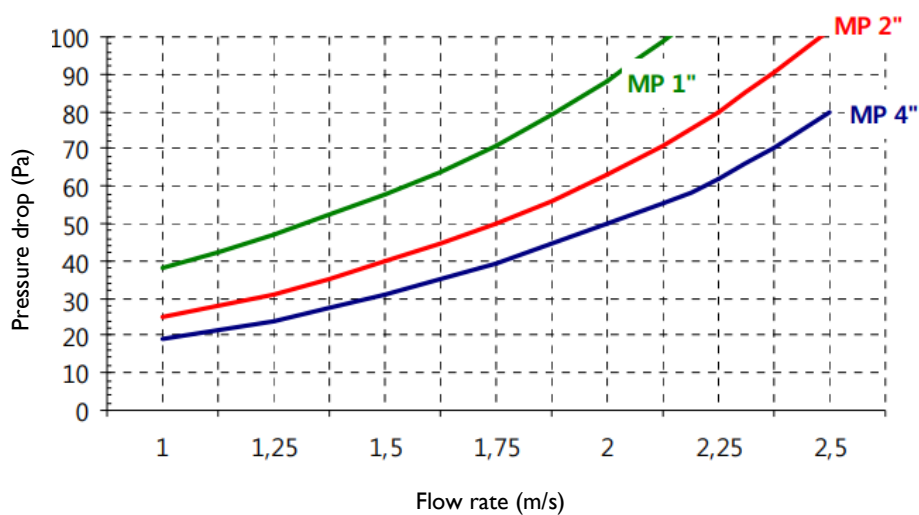


PRODUCT INFORMATION

Sizes	Standard: see technical specs. Non standard: on request.
Depth	Standard: 1"(22mm), 2"(45mm) and 4"(95mm) On request: 1,5"(38mm) and 6"(145mm)
Filter Class	G4 based on EN779 : 2012
Frame	Moisture resistant cardboard frame
Packaging	1" = 12/24 pcs/box 2" = 12 pcs/box 4" = 6 pcs /box
On request	Galvanized steel frame M5 filter class Activated carbon medium

RESISTANCE

Pressure drop vs flow



TECHNICAL SPECIFICATIONS

Class	Type	Retention rate	Size w x h x d	Nominal Flow	Initial pressure drop
EN 779		%	mm	m³/h	Pa
G4	MP 10101	92	241 x 241 x 20	314	60
	MP 10201		241 x 495 x 20	644	
	MP 12121		292 x 292 x 20	460	
	MP 12241		292 x 594 x 20	937	
	MP 15151		368 x 368 x 20	731	
	MP 15201		368 x 495 x 20	984	
	MP 16191		394 x 470 x 20	1000	
	MP 16201		394 x 495 x 20	1053	
	MP 16241		394 x 594 x 20	1264	
	MP 16251		394 x 622 x 20	1323	
	MP 18181		445 x 445 x 20	1069	
	MP 18201		445 x 495 x 20	1189	
	MP 18241		445 x 594 x 20	1427	
	MP 20201		495 x 495 x 20	1323	
	MP 20241		495 x 594 x 20	1588	
	MP 20251		495 x 622 x 20	1663	
	MP 24241		594 x 594 x 20	1905	
G4	MP 10102	92	241 x 241 x 45	418	62
	MP 10202		241 x 495 x 45	859	
	MP 12122		292 x 292 x 45	614	
	MP 12242		292 x 594 x 45	1249	
	MP 15152		368 x 368 x 45	975	
	MP 15202		368 x 495 x 45	1312	
	MP 16192		394 x 470 x 45	1333	
	MP 16202		394 x 495 x 45	1404	
	MP 16242		394 x 594 x 45	1685	
	MP 16252		394 x 622 x 45	1764	
	MP 18182		445 x 445 x 45	1426	
	MP 18202		445 x 495 x 45	1586	
	MP 18242		445 x 594 x 45	1903	
	MP 20202		495 x 495 x 45	1764	
	MP 20242		495 x 594 x 45	2117	
	MP 20252		495 x 622 x 45	2217	
	MP 24242		594 x 594 x 45	2540	
G4	MP 10104	92	241 x 241 x 95	544	80
	MP 10204		241 x 495 x 95	1117	
	MP 12124		292 x 292 x 95	798	
	MP 12244		292 x 594 x 95	1623	
	MP 15154		368 x 368 x 95	1268	
	MP 15204		368 x 495 x 95	1705	
	MP 16164		394 x 394 x 95	1453	
	MP 16204		394 x 495 x 95	1825	
	MP 16254		394 x 622 x 95	2294	
	MP 18184		445 x 445 x 95	1854	
	MP 18314		445 x 775 x 95	3228	
	MP 20204		495 x 495 x 95	2293	
	MP 20244		495 x 594 x 95	2752	
	MP 20254		495 x 622 x 95	2882	
	MP 24244		594 x 594 x 95	3303	

- recommended maximum pressure drop 250 Pa
- Temperature resistance up to 70°C
- Average atmospheric efficiency: ± 30-35%