



EN 779
2012

G1

G2

G3

G4

Polyester Filter Media Rolls & Pads

Specifications

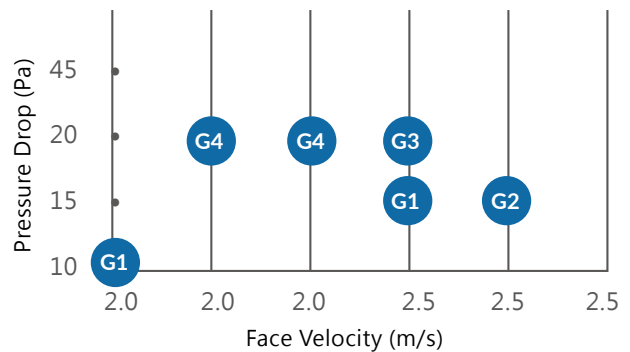
Media: Synthetic fiber (100% Polyester)
 Efficiency: G1~G4 (EN 779) / MERV 1~8 (ASHRAE 52.2)
 Thickness: 3~50 mm (Please refer to the parameter below.)
 Max. Temperature: 100°C

Advantages

- ✓ Safe and easy to handle
- ✓ Flame retardant and moisture resistant
- ✓ 100% polyester bonded fibers
- ✓ Formed into interlocking patterns & trap dust & lint

Applications

Prefilter for air ventilation system & air-conditioning applications. Also used in food processing and medical facilities.



Note : The efficiency is subject to change by different sizes or media areas.

Special Size Customized

Size (WxL)	Thickness (mm)	Max. Temp. (°C)	Velocity (m/s)	Basis Weight g/m ²	Initial Resistance		Final Resistance		Filter Rating (EN779:2012)	Dust Holding Capacity (g/m ²)	Dust Division (Thick, Fine, Micro)
					(mmAg)	(Pa)	(mmAg)	(Pa)			
1M*50M	3	100°C	2.5	120	3.0	29	15	147	G1 (MERV 1-4)	400	Thick dust
1M*50M	5	100°C	2.5	160	3.5	34	15	147	G2 (MERV 1-4)	400	Thick dust
1M*20M	10	100°C	2.5	200	4.7	46	20	196	G3 (MERV 5)	450	Thick dust
1M*20M	15	100°C	2.5	250	6.4	63	20	196	G3 (MERV 5)	450	Thick dust
1M*20M	20	100°C	2.0	310	6.5	64	20	196	G4 (MERV 6)	460	Thick dust
1M*20M	25	100°C	2.0	370	7.0	69	20	196	G4 (MERV 6)	520	Thick dust
1M*20M	30	100°C	2.0	395	7.5	74	20	196	G4 (MERV 6)	560	Thick dust
1M*20M	50	100°C	2.0	500	8.2	80	20	196	G4 (MERV 6)	600	Thick dust

© Tolerance Deviation of Thickness : ±15% © Pressure Drop Conversion: 1 mmAg = 9.81 PA