

Standard PP Melt-blown Filter Media

With years of experience in developing our own raw materials, our Standard PP Melt-blown Filter Media is one that is highly efficient, with low airflow resistance and high dust holding capabilities. We use special polypropylene that goes through our hot-melt method to create multiple filtration zones while increasing or decreasing internal voids. This allows us to tailor our materials based on the specific needs of our customers. This material is commonly used in filters, household purifiers, fresh air systems and purification workbenches, aseptic operating rooms, steam disinfection, and more.



Technical Parameters:

	Item Code	ASHRAE 52.2	Thickness (mm)	Basis Weight (g/m ²)	Efficiency (%)	Air Resistance (Pa)	Stiffness (mg)	Pleat Height (mm)
Standard PP Melt-blown Filter Media	FM-0501-C	MERV9/MERV10	0.40±0.05	70±5	45	6±2	≥200	≤55
	FM-0502-C	MERV9/MERV10	0.45±0.05	90±5	45	6±2	≥400	≤100
	FM-0601-C	MERV11/MERV12	0.30±0.05	67±5	60	10±3	≥200	≤55
	FM-0602-C	MERV11/MERV12	0.43±0.05	82±5	60	12±3	≥400	≤100
	FM-0701-C	MERV13	0.30±0.05	72±5	70	13±3	≥200	≤55
	FM-0702-C	MERV13	0.43±0.05	87±5	70	15±3	≥400	≤100
	FM-0801-C	MERV14	0.30±0.05	77±5	80	25±5	≥200	≤55
	FM-0802-C	MERV14	0.45±0.05	92±5	80	25±5	≥400	≤100
	FM-0901-C	MERV15	0.30±0.05	82±5	85	27±5	≥200	≤55
	FM-0902-C	MERV15	0.45±0.05	97±5	85	27±5	≥400	≤100
	FM-1001-C	MERV16	0.35±0.05	87±5	95	30±5	≥200	≤55
	FM-1002-C	MERV16	0.50±0.05	102±5	95	30±5	≥400	≤100
	FM-1201-C	NA	0.38±0.05	110±5	99.5	60±10	≥200	≤60
	FM-1202-C	NA	0.50±0.05	125±5	99.5	60±10	≥400	≤100
	FM-1301-C	NA	0.50±0.05	115±5	99.95	70±10	≥200	≤60
	FM-1302-C	NA	0.55±0.05	130±5	99.95	70±10	≥400	≤100



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Experiment condition and test methods:

- ① Thickness-@100KPa,GB/T 451.3-2002;
- ② Basis Weight -GB/T 451.2-2002;
- ③ Efficiency-@NaCl,0.3 μ m,5.33cm/s,TSI8130,NIOSH 42 CFR PART 84;
- ④ Air Resistance-@NaCl,0.3 μ m,5.33cm/s,TSI8130,NIOSH 42 CFR PART 84;
- ⑤ Stiffness-TAPPI T543.

Note:

- ① Standard width: 1.2m, 1.5m and 1.6m . The width can also be tailored to the customer's specific needs.
- ② Standard length: 500-600m per roll.
- ③ Our company also can provide filter element.

■ A Plus International

A Plus International is headquartered in Los Angeles, California and is a 30+ year veteran in the design and production of woven and non-woven products. To ensure quality products, A Plus manages a complete industrial chain from raw materials to finished goods, serving customers in multiple industries, including healthcare, hygiene and filtration. The company treats the protection of human health as its core responsibility, pursues excellence and forges ahead with an innovative and enterprising spirit. Internally driven by technical research and development, and based on strong production capacity, A Plus adheres to a differentiated product strategy and continuously supplies cost-effective and excellent materials. A Plus partners with industry leading R&D centers around the world and works closely with universities and research institutions for further breakthroughs.