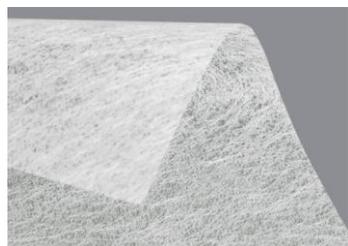


## PRODUCT DESCRIPTION

Polyester Filter Mat is produced from staple polyester fiber by wet lay out process, with the good characteristics, polyester filter mat is widely used in household appliances filter (air purifier, vacuum cleaner, etc.), automotive air conditioning filter, carbon-spray composite filter, melt-blown composite filter.



## CHARACTERISTICS

- **Good stiffness.** Polyester filter mat is mainly used for the composite base fabric composed of kinds of filter materials, is extremely resistant to wind pressure after being pleated, and will not be deformed even a large amount of air pass.
- **High air permeability and extremely low wind resistance.** After compositing with the melt-blown PP, the test shows that the filtration efficiency of the composited product is increased by 10% and the overall resistance is reduced by 20%, so that the purification equipment achieves the purpose of energy conservation.
- **High tensile strength.** The composite material has higher tensile fracture properties, tear resistance and bursting resistance than the mat before compositing, thus greatly improving the service life of the product.
- **Uses all environmentally friendly raw materials in producing, and has passed 161 EU certifications of ROCHE.** It does not use formaldehyde-containing amino binders such as UF, which is harmless to the human body.
- **It can be processed with flame retardant, antibacterial and coloring.**

## TECHNICAL DATA

Product code	Unit Weight	Thickness	MD Tensile Strength	CD Tensile Strength	MD Stiffness	CD Stiffness	Air permeability
	g/m <sup>2</sup>	mm	N/5CM	N/5CM	mg	mg	%
PMSF30	30(±5)	0.28±0.03	≥65	≥50	≥60	≥30	≥5500
PMSF40	40(±5)	0.32±0.03	≥100	≥75	≥100	≥60	≥5000
PMSF50	50(±5)	0.35±0.03	≥120	≥95	≥130	≥80	≥5000
PMSF60	60(±6)	0.38±0.04	≥130	≥100	≥230	≥120	≥4400
PMSF70	70(±6)	0.45±0.04	≥150	≥110	≥250	≥150	≥4200
PMSF80	80(±8)	0.58±0.05	≥170	≥135	≥360	≥200	≥4000
PMSF90	90(±8)	0.6±0.05	≥190	≥150	≥450	≥230	≥3800
PMSF100	100(±8)	0.63±0.05	≥210	≥160	≥650	≥450	≥3600
Standard	ISO 536-1995	ISO 534-1995	ISO 1924/1		ASTM D6125		DIN 44956 Pressure drop:200

Remark: 1. Common roll width 1m, 1.3m, 1.4m, other width 0~1.9m can be customized according to customer's demand.

2. The technical data above is for reference only

## PACKING

Every roll in plastic film without pallet.

## STORAGE

This product should be stored in a dry, ventilated and rainproof place, with temperatures from 5°C to 35°C and humidity between 35% and 65%. It is recommended to be kept in intact package when not used to avoid damp.

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