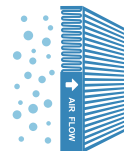




ENVIONEER

FILTRATION SUPPORT MEDIA



Wet-laid bi-component polyester nonwovens are specified for wide range of filter media.

A thin filter supporter produced from wet-laid bi-component polyester fibers offers high air permeability, superior dust-holding capacity and low tolerances. All products have high stiffness and stability under both dry and wet conditions.

Features & Benefits

- Suitable for use in both direct filtration or as a reinforcement material for main filter media
- Uniform pore sizes and constant basis weight across filter media
- Assuring the quality improvement by sandwiched filter media with filtration support media
- Designed to create sharp and stable pleats with standard pleating equipment for an increased filter performance
- Two classifications available, binder free media & binder additive media
- Binder free media for general filter & binder additive media for filter requiring high stiffness

Applications

- Air/Cabin/HAVC filter
- Liquid filter



[HEPA filter]



FILTRATION SUPPORT MEDIA

Test Standard	TAPPI T410	TAPPI T411	ASTM D737	ASTM D737	TAPPI T543	
Item Grade	Basis Weight (g/m ²)	Thickness (mm)	Air Permeability (cfm)	Resistance (mmAq)	Stiffness (mg)	Remark
MAS 1150	50	0.23	618	0.1	310	
MAS 1160	60	0.25	425	0.2	345	Without Binder
MAS 1170	70	0.27	384	0.2	666	
MAS 1180	80	0.29	270	0.4	710	
MAS 1250	50	0.32	705	0.1	355	
MAS 1260	60	0.34	444	0.2	610	With Binder
MAS 1270	70	0.42	432	0.2	1010	

The above mentioned are average values taken from our production facility. Individual values can vary within the common industrial range.

Properties

Uniform opened structure

Lowering the pressure drop by increased air permeability

High stiffness and stability

Improving pleating performance by high stiffness and stability of filter media

Create sharp and stable pleats

Allowing various pleat sizes and shapes to be formed by excellent pleatability

Tunable bi-component filament composition

Ensuring the best properties for specific filter media and/or filter applications

Safety

Complying with RoHS and 19 species of hazardous matter test approvals