FM SP White
nonwoven filter material

PRODUCT SPECIFICATIONS

1.0 Description

The FM SP White nonwoven material is constructed of polyester fibers in a textured nonwoven fabrication.

2.0 Properties

Property	*Value*
Thickness - mm/in. (a)	27mm/1.06 in.
Weight - oz./yd.^{2} (a)	24
Fiber Type	100 % Recycled Polyester
Binder System	Cross Linkable Water Based Latex
Binder Application	Spray/ Thermal bond
Color	White
Surface Area sq. ft./ cubic ft. of matrix	228
Volumetric Displacement (ml/cubic ft.) (b)	360
% of Open Space Volume	98.7
Toxicity Testing	Passed
Primary Usage	Mechanical Filtration
Packaging (c)	Rolls

(a) Thickness Tolerance:
- + or -10%

(b) Volumetric Displacement is a method of measurement that involves immersing a specified volume of material under water and measuring the amount of water displaced into a graduated reservoir from an overflow tube. This method gives an accurate representation of surface area in the material by taking into account the expanded surface area of the fiber from binder and binder globules at fiber crossover points.

(c) Other special packaging available with cost considerations.

3.0 Use

This material is an OEM product used primarily as a component for mechanical filtration units for ponds.

4.0 Construction

100% of the polyester fiber in the FM SP White nonwoven material comes from post consumer and industrial recycled waste. The primary source of this material is recycled water and soda bottles. We use only water based latex resins in our manufacturing process. No phenol-formaldehyde resins are used in our binding process.

5.0 Environmental Initiatives

a. Polyester fiber used in our material comes from 100% post consumer and industrial recycled waste product.

b. Water Based Latex Resins are used in the manufacturing process. No phenol-formaldehyde resins are used in our binding process.

c. Plant is operating under EPA approved Clean Air Permit.

6.0 Product Care

To prolong the life of the FM SP White material it is recommended that the product be stored indoors or wrapped in UV resistant packaging if stored outdoors.

7.0 Sizes

Roll Size (width)	*Standard Roll Length*
56 inches	40 linear yards
Also available:	
28 inches	40 linear yards

Note: Due to the intrinsic properties of the material and variable conditions of use, there may be slight variations in the specifications and results. Please contact Americo with any questions or concerns.

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