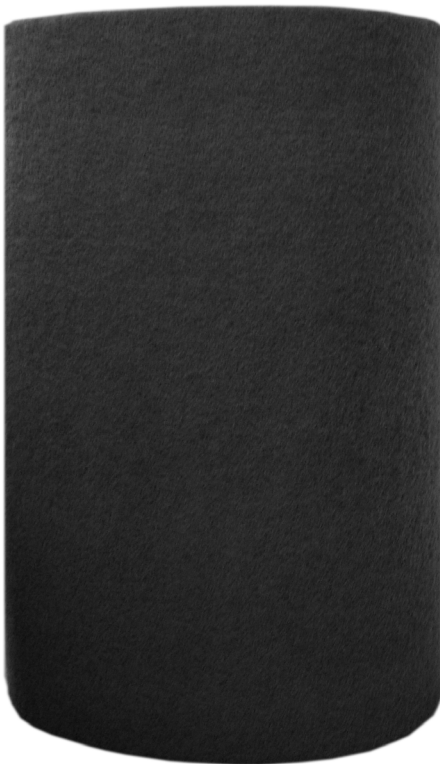


# FM JCII Black

## nonwoven filter material

### PRODUCT SPECIFICATIONS



#### 1.0 Description

The FM JCII Black nonwoven material is constructed of polyester fibers in a textured nonwoven fabrication.

#### 2.0 Properties

Property	Value
Thickness - mm/in. (a)	50mm/1.97 in.
Weight - oz./yd. <sup>2</sup> (a)	54
Fiber Type	100 % Recycled Polyester
Binder System	Cross Linkable Water Based Latex
Binder Application	Spray/Dipped Thermal bond
Color	Black
Surface Area sq. ft./cubic ft. of matrix	107
Volumetric Displacement (ml/cubic ft.) (b)	993
% of Open Space Volume	96.5
Toxicity Testing	Passed
Primary Usage	Biological and Mechanical Filtration
Packaging (c)	Rolls

#### 3.0 Use

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

#### 4.0 Construction

100% of the polyester fiber in the FM JCII Black 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

- Polyester fiber used in our material comes from 100% post consumer and industrial recycled waste product.
- Water Based Latex Resins are used in the manufacturing process. No phenol-formaldehyde resins are used in our binding process.
- Plant is operating under EPA approved Clean Air Permit.

#### 6.0 Product Care

To prolong the life of the FM JCII Black 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	30 linear yards
<i>Also available:</i>	
28 inches	30 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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#### (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.