

Physical Properties

Property	English Units	Metric Units
Core Material	Nylon 6	
Total Weight (avg.)	14.1 oz/yd ²	478.0 g/m ²
Core Thickness	0.40 in	10.2 mm
Core Weight (avg.)	10.9 oz/yd ²	369.0 g/m ²
Compressive Load Test	<30,000 psf	1437.0 kN/m ²
Durability Characteristics	80% Strength Retention	
Low Temperature	-100° F	-73° C
High Temperature	250° F	121° C
Fuel & Gasoline Submersion	Stable	
Fire Rating	NFPA Class A2	
Smoke Density	15	
Flame Spread	25	
Fuel Contribution	0	

¹ Bonar Test Method: ASTM D 1621 modified and ASTM D4716

* Failure defined as reaching yield point or no continued measurable flow under stated load

Flow Rates

Pressure	1.0 Gradient
500 psf	5.5 gal/min/ft
750 psf	3.5 gal/min/ft
12000 psf	2.5 gal/min/ft
1500 psf	1.5 gal/min/ft
2000 psf	1.0 gal/min/ft

¹ Typical flow vs. pressure for vertical applications (ASTM D 4716) Sample Configuration: Plate/Enkadrain®/Plate

Fabric Properties

Property	English Units	Metric Units	Test Method
Polymer	PA6 & PET		
Fabric Color	Grey		
Weight	3.2 oz/yd ²	109.0 g/m ²	ASTM D 3776
Grab Strength	125.0 lbs	556 N	ASTM D 4632
Grab Elongation	40%	40%	ASTM D 4632
Trapezoidal Tear	40 lbs	178 N	ASTM D 4533
Puncture Resistance	35 lbs	155 N	ASTM D 4833
AOS (maximum average)	-	0.357 mm	ASTM D 4751

Flow Rate	185.0 gal/min/sq. ft	125 l/sec/sq. m	ASTM D 4491
Permittivity	2.5 sec ⁻¹	2.5 sec ⁻¹	ASTM D 4491

Values are MARV Minimum Average Roll Value

Packaging

Property	English Units	Metric Units
Product ID	9010-101-000C	
Core Width	39.0 in	99.1 cm
Length	100 ft	30.5 m
Area	36 yd ²	30.1 m ²
Roll Diameter	24.0 in	61.0 cm
Gross Roll Weight	36 lbs	15.9 kg