



## 300 PHYSICAL PROPERTIES

<i>Product</i>	<i>Test Method</i>	<i>Typical Value</i>
Compressive Strength	ASTM D-695/1621 <sub>1</sub>	19,000 PSF
Flow Rate At 1,500 PSF	ASTM D-4716 <sub>2</sub>	27 GPM/ft-width
Peel Strength <sub>3</sub>	ASTM D-1876	35 lbs/ft-width

### *Fabric (4.5 oz.)*

Grab Tensile Strength	ASTM D-4632	120 lbs.
Grab Elongation	ASTM D-4632	50%
Puncture Strength	ASTM D-4833	65 lbs
Mullen Burst	ASTM D-3786	225 psi
Trapezoidal Tear	ASTM D-4533	50 lbs
Wide Width Tensile	ASTM D-4595	50 lbs/in
UV Resistance	ASTM D-4355	70%
Apparent Opening Size (AOS)	ASTM D-4751	70 US Standard Sieve
Permittivity	ASTM D-4491 <sub>4</sub>	1.8 sec
Permeability	ASTM D-4491 <sub>5</sub>	0.21 cm/sec
Water Flow Rate	ASTM D-4491	135 gal/min/ft <sup>2</sup>

### *Roll Dimensions*

Width	38 inches (36 inches usable w/ 2" flange)
Length	Up to 82 feet

1. Modified: an existing ASTM test was modified since a recognized test method had not been established for this type of product at time of testing.

2. Gradient of 0.1

3. Fabric to core

4. The property values listed below are effective 1/2/01 are subject to change without notice.

5. Values shown are in weaker principal direction. Minimum average roll values are calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any samples taken from quality assurance testing will exceed the value reported.



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