



# C-70NW

## Product Specification

C-70NW is a polypropylene, staple fiber, needle punched, non-woven geotextile. The fibers are needed to form a stable network that retains dimensional stability relative to each other. The geotextile is resistant to biological and naturally encountered chemicals, alkalis, acids and ultraviolet light exposure. C-70NW conforms to the property values listed below:

<u>PROPERTY</u>	<u>TEST METHOD</u>	<u>MIN. AVG. ROLL VALUES</u>
<b><u>Mechanical</u></b>		
Grab Tensile Strength	ASTM D4632	180 lbs.
Grab Elongation	ASTM D4632	50%
Puncture Strength	ASTM D4833	100 lbs.
Mullen Burst	ASTM D3786	330 psi
Trapezoidal Tear	ASTM D4533	75 lbs.
<b><u>Hydraulic</u></b>		
Apparent Opening Size (AOS)	ASTM D4751	70 U.S. sieve 0.212 mm
Permittivity	ASTM D4491	1.50 sec-1
Permeability	ASTM D4491	0.34 cm/sec
Water Flow Rate	ASTM D4491	110 gpm/sf
<b><u>Physical</u></b>		
Mass Per Unit Area	ASTM D5261	6 oz/sy
Thickness	ASTM D5199	75 mils
<b><u>Endurance</u></b>		
UV Resistance (% Retained @ 500 hours)	ASTM D4355	70%

### Notes:

<sup>1</sup> Values shown are in the 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.

<sup>2</sup> Maximum average roll value, statistically, it yields a 97.7% degree of confidence that any samples taken from quality assurance testing will be below the value reported.

## SPECIALTY CONSTRUCTION SUPPLY

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