



## Product Data Sheet

### ***Non Woven Geotextile (NW70-GP170)***

GeoProducts NW70-GP170 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. GeoProducts NW70-GP170 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GeoProducts NW70-GP170 is NTPEP certified and meets requirements as per AASHTO Standards and/or D.O.T. Standards. GeoProducts NW70-GP170 meets or exceeds the physical property values listed below:

PROPERTY	TEST METHOD	MARV ENGLISH AVERAGE
Tensile Strength (Grab)	ASTM D-4632	180lbs
Elongation	ASTM D-4632	50%
Puncture	ASTM D-4833	475lbs
Mullen Burst	ASTM D-3786	330psi
Trapezoidal Tear	ASTM D-4533	75lbs
UV Resistance (at 500 hours)	ASTM D-4355	70%
Apparent Opening Size (AOS)	ASTM D-4751	100 US Std. Sieve
Permittivity	ASTM D-4491	1.4 sec-1
Water Flow Rate	ASTM D-4491	105 gpm/ft2
Roll Sizes	12.5' x 360' 15' x 300'	3.81m x 109.8m 4.57m x 91.5m

\*Maximum average roll value

#### Exclusion of Liability

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