



GEOSYNTHETICS

CNM315NT PRODUCT DATA SHEET

Our CNM315NT woven geotextile is made of slit tape polypropylene yarns, which are woven such that the yarns retain their relative position. Produced from first quality raw materials, these geotextiles offer optimum performance for use in stabilization applications. Our CNM315NT resists ultraviolet deterioration, rotting, biological degradation, naturally encountered alkalis and acids. Polypropylene is stable within the pH range of 2 to 13. Our CNM315NT is NTPEP certified and meets requirements as per AASHTO Standards and/or D.O.T. Standards.

Properties	Test Method	English MARV ²			Metric MARV ²		
MECHANICAL PROPERTIES							
Grab Tensile Strength	ASTM D4632	315 lbs			1.40 kN		
Grab Elongation	ASTM D4632	15%					
Trapezoidal Tear Strength	ASTM D4533	120 lbs			0.533 kN		
CBR Puncture Strength	ASTM D6241	1000 lbs			4.45 kN		
HYDRAULIC PROPERTIES							
Permittivity ³	ASTM D4491	0.05 sec ⁻¹					
Water Flow ³	ASTM D4491	4 gpm/ft ²			163 l/min/m ²		
Apparent Opening Size (AOS) ^{3,4}	ASTM D4751	40 US Sieve			0.425 mm		
ENDURANCE PROPERTY							
UV Stability	ASTM D4355	70% at 500 hours					
PACKAGING DETAILS							
Roll Width	Measured	12.5 ft	15 ft	17.5 ft	3.81 m	4.57 m	5.33 m
Roll Length	Measured	360 ft	300 ft	258 ft	110.0 m	91 m	79.0 m
Roll Area	Measured	500 yd ²			418 m ²		
Roll Weight	Measured	210 lbs			95.3 kg		
AASHTO CLASSIFICATION							
M288 Survivability Class		1					
M288 Application ⁵		SP, ST					

NOTE

1 The property values listed above are subject to change without notice

2 Minimum Average Roll Value (MARV) is calculated as the average minus two standard deviations. Statistically, it yields approximately 97.5% degree of confidence that any samples taken from quality assurance testing will meet or exceed the values described above. All values are MARV unless otherwise noted.

3 At time of manufacturing. Handling may change these properties.

4 Maximum Average Roll Value

5 S/F=Silt Fence, SP=Separation, ST=Stabilization, D=Drainage, E=Erosion Control

Disclaimer: This information describes product properties at the time of manufacture and testing only and does not constitute or confer any warranties. Values stated will be affected over time by handling, storage, shipping, installation, use and other factors. Core & Main Geosynthetics does not provide engineering advice with respect to product use herein or otherwise and will not be liable for installation error. CORE & MAIN GEOSYNTHETICS DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY.

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