



## CCIS-601C

CCIS-601C is a needlepunched nonwoven geotextile manufactured using polypropylene fibers that are formed into a dimensionally stable network, which allows the fibers to maintain their relative position. WINFAB 600NT resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.

PROPERTY	TEST METHOD	English	Metric
Tensile Strength (Grab)	ASTM D-4632	160 x 160 lbs	711 x 711 N
Elongation	ASTM D-4632	50%	50%
CBR Puncture	ASTM D-6241	410 lbs	1825 N
Trapezoidal Tear	ASTM D-4533	60 x 60 lbs	267 x 267 N
UV Resistance (500 hrs)	ASTM D-4355	70%	70%
Apparent Opening Size (AOS)*	ASTM D-4751	70 US Std. Sieve	0.212 mm
Permittivity	ASTM D-4491	1.5 sec <sup>-1</sup>	1.5 sec <sup>-1</sup>
Water Flow Rate	ASTM D-4491	110 gpm/ft <sup>2</sup>	4482 lpm/m <sup>2</sup>

Notes:

- Mullen Burst ASTM D-3786 has been removed. It is not recognized by ASTM D-35 on Geosynthetics.
- Puncture ASTM D-4833 has been removed. It is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D-6241

PROPERTY	English	Metric
Roll Dimensions	12.5 x 360 ft 15 x 300 ft	3.81 x 109.8 m 4.6 x 91.5 m
Roll Area	500 yd <sup>2</sup>	418 m <sup>2</sup>

Product conforms to the Minimum Average Roll Values (MARV).

**For Pricing And Availability Contact  
Our Sales Team at 780-962-6559**



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