



## REINFORCING SUCCESS

# PRODUCT DATA SHEET WINFAB UX500



**WINFAB UX500** is a geogrid manufactured with high tenacity multifilament polyester yarns that are woven under tension and finished with a PVC coating to form a dimensionally stable network, which allows the yarns to maintain their relative position.

**WINFAB UX500** resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.

PROPERTY	TEST METHOD	MARV ENGLISH	MARV METRIC
Aperture Dimensions	Measured	0.80 in x 1.0 in	2.03 mm x 2.54 mm
Ultimate Tensile Strength (MD)	ASTM D6637	5,000 lbs/ft	72.95 kN/m
Creep Limited Strength (MD)	ASTM D5262	3,165 lbs/ft	46.18 kN/M
T <sub>al</sub> = Long Term Design Strength (MD)	NCMA97	2,740 lbs/ft	39.98 kN/m

RF Creep - 1.58

RF Durability - 1.10

RF Installation Damage (Soil Type 3) - 1.05

PROPERTY	TEST METHOD	TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	Measured	6 ft x 150 ft 12 ft x 150 ft	1.83 m x 45.72 m 3.66 m x 45.72 m
Roll Area	Measured	100 yd <sup>2</sup> 200 yd <sup>2</sup>	83.61 m <sup>2</sup> 167.23 m <sup>2</sup>

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