



**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 _{al} = 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 ² 200 yd ²	83.61 m ² 167.23 m ²

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