GEOTEX® UF Product Line Series

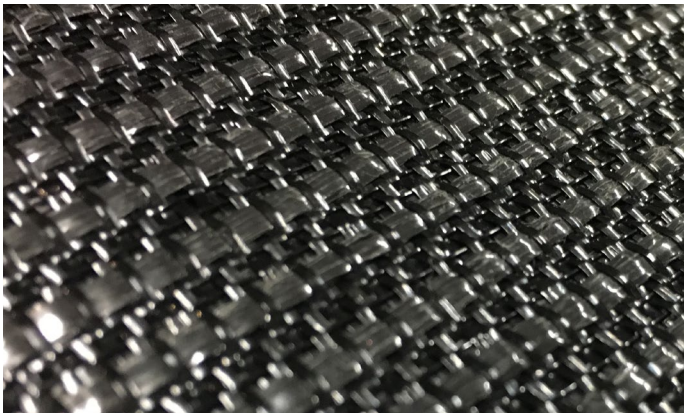
GEOTEX® UF Product Line Series geotextiles are manufactured with high tensile strength, low elongation and ultra high waterflow; while providing functions for separation, filtration, soil reinforcement, confinement and drainage. This family of woven geotextiles offers proven performance in various applications. Its intense durability withstands the toughest construction loading and installation stresses. It is available in a variety of styles to fit your specific needs and specifications.

Applications

- Base Course Reinforcement
- Road Base Subgrade Separation and Stabilization
- Runway and Railway Construction
- Embankment Stabilization
- Reinforcement for Mechanically Stabilized Earth (MSE) Structures

Features & Benefits

- Durability to resist moderate to severe installation stresses
- High tensile modulus and improved base course confinement
- Greater load distribution capability
- Superior hydraulic properties for greater filtration capabilities



Performance Advantages

GEOTEX UF Product series provides key attributes such as: waterflow and aggregate confinement, higher modulus and higher tensile strength than traditional woven and nonwoven geotextiles, and a greater long term resistance to UV damage. All of which enhance roadway performance and improved design life.

PROPERTY	TEST METHOD	VALUE	UNIT	2X2HF	2X2UF
MECHANICAL					
Wide Width Tensile at 2% Strain	ASTM D-4595	MARV	lbs/ft	504 X 600	600 X 600
			kN/m	7.4 X 8.8	8.8 X 8.8
Wide Width Tensile at 5% Strain	ASTM D-4595	MARV	lbs/ft	1272 x 1440	1620 x 1620
			kN/m	18.6 x 21	23.6 x 23.6
HYDRAULIC					
Apparent Opening Size	ASTM D-4751	MaxARV	US Sieve	30	40
			mm	0.600	0.425
Permittivity	ASTM D-4491	MARV	sec-1	0.60	0.90
Water Flow Rate	ASTM D-4491	MARV	gpm/ft2	40	70
			l/min/m2	1,630	2,852
ENDURANCE					
UV Resistance at 500 hrs	ASTM D-4355	MARV	% Retained	80	90
Roll Sizes2	Measured	Typical	English	15.0 ft x 300 ft	15.0 ft x 300 ft
			Metric	4.6 m x 91.5 m	4.57 m x 91.5 m

PROPERTY	TEST METHOD	VALUE	UNIT	3X3HF	3X3UF
MECHANICAL					
Wide Width Tensile at 2% Strain	ASTM D-4595	MARV	lbs/ft	540 X 540	600 X 1020
			kN/m	7.9 X 7.9	8.8 X 14.9
Wide Width Tensile at 5% Strain	ASTM D-4595	MARV	lbs/ft	1500 x 1560	1800 x 2256
			kN/m	21.9 x 22.8	26.3 x 32.9
HYDRAULIC					
Apparent Opening Size	ASTM D-4751	MaxARV	US Sieve	40	40
			mm	0.425	0.425
Permittivity	ASTM D-4491	MARV	sec-1	0.90	0.90
Water Flow Rate	ASTM D-4491	MARV	gpm/ft2	40	75
			l/min/m2	1,630	3,056
ENDURANCE					
UV Resistance at 500 hrs	ASTM D-4355	MARV	% Retained	80	90
Roll Sizes2	Measured	Typical	English	12.5 ft x 360 ft 15.0 ft x 300 ft	15.0 ft x 300 ft
			Metric	3.81 m x 109.8 m 4.57 m x 91.5 m	4.57 m x 91.5 m

PROPERTY	TEST METHOD	VALUE	UNIT	4X4HF	4X4UF
MECHANICAL					
Wide Width Tensile at 2% Strain	ASTM D-4595	MARV	lbs/ft	960 X 1320	480 X 1800
			kN/m	14 X 19.3	7 X 26.3
Wide Width Tensile at 5% Strain	ASTM D-4595	MARV	lbs/ft	2400 x 2700	1440 x 4380
			kN/m	35 x 39.4	21 x 63.9
HYDRAULIC					
Apparent Opening Size	ASTM D-4751	MaxARV	US Sieve	30	40
			mm	0.600	0.425
Permittivity	ASTM D-4491	MARV	sec-1	0.40	1.00
Water Flow Rate	ASTM D-4491	MARV	gpm/ft2	30	75
			l/min/m2	1,222	3,056
ENDURANCE					
UV Resistance at 500 hrs	ASTM D-4355	MARV	% Retained	80	90
Roll Sizes2	Measured	Typical	English	15.0 ft x 300 ft	15.0 ft x 300 ft
			Metric	4.6 m x 91.5 m	4.57 m x 91.5 m

Made in the U.S.A.

FOR QUESTIONS ABOUT GEOTEX® OR OTHER PRODUCTS CALL CUSTOMER SERVICE AT 1.800.621.1273 OR VISIT PROPEXGLOBAL.COM

BBB ACCREDITED BUSINESS