GEOTEX® Woven

Product Data

GEOTEX® 2x2UF

GEOTEX® 2x2UF is a woven polypropylene geotextile containing high-tenacity filaments and will meet the following Minimum Average Roll Values (MARV) when tested in accordance with the methods listed below. These characteristics make GEOTEX® 2x2UF ideal for roadway reinforcement and subgrade stabilization, runway and railway construction, embankment stabilization, MSE walls and other environmental applications. The geotextile is resistant to ultraviolet degradation and to biological and chemical environments normally found in soils.

GEOTEX® 2x2UF conforms to the property values listed below[1]. Propex performs internal Manufacturing Quality Control (MQC) tests that have been accredited by the Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

		MARV[2]	
PROPERTY	TEST METHOD	ENGLISH	METRIC
ORIGIN OF MATERIALS			
% U.S. Manufactured		100%	100%
MECHANICAL			
Tensile Modulus at 2% Strain (XD)	ASTM D-4595	33000 lbs/ft	482 kN/m
Tensile Modulus at 5% Strain (XD)	ASTM D-4595	32500 lbs/ft	474.2 kN/m
Wide Width Tensile at 2% Strain	ASTM D-4595	600 x 660 lbs/ft	8.8 x 9.6 kN/m
Wide Width Tensile at 5% Strain	ASTM D-4595	1620 x 1632 lbs/ft	23.6 x 23.8 kN/m
ENDURANCE			
UV Resistance at 500 hrs	ASTM D-4355	90%	90%
HYDRAULIC			
Apparent Opening Size (AOS)[3]	ASTM D-4751	40 US Std. Sieve	0.425 mm
Permittivity	ASTM D-4491	1.09 sec-1	1.09 sec-1
Water Flow Rate	ASTM D-4491	80 gpm/ft²	3260 l/min/m²
ROLL SIZES[4]		15.0 ft x 300 ft	4.57 m x 91.5 m

NOTES:

1. The property values listed above are effective 05/27/2020 and are subject to change without notice.
2. Values shown are in weaker principal direction. Minimum average roll values (MARV) are calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any samples taken from quality assurance testing will exceed the value reported. Values represent testing at time of manufacture.
3. Maximum average roll value.
4. Contact your local Territory Business Manager (TBM) for custom widths and colors. Lead times may vary depending on customer requirements and volume requested.

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