

TECHNICAL DATASHEET

Terralys LF 46/46

Terralys LF 46/46 is a polypropylene woven slit film geotextile, manufactured into a dimensionally stable network, ensuring that filaments retain their relative positions.

Terralys LF 46/46 is inert to biological degradation, and resists most chemicals, alkali and acids encountered in natural soils.

Mechanical properties	Test method	MARV ENGLISH	MARV METRIC
Grab Tensile Strength (MD x CMD)	ASTM D4632	290 lbs x 225 lbs	1300 N x 1000 N
Grab Tensile Elongation (MD x CMD)	ASTM D4632	23 % x 15%	23 % x 15%
Trapezoid Tear Strength MD	ASTM D4533	150 lbs x 135 lbs	670 N x 600 N
CBR Puncture	ASTM D6241	1000 lbs	4500 N
Permittivity	ASTM D4491	0.60 sec ⁻¹	0.60 sec ⁻¹
Water Flow Rate	ASTM D4491	45 gal/min/ft ²	1800 L/min/m ²
Apparent Opening Size*	ASTM D4751	20 US Std. Sieve	0.80 mm
UV Resistance (500 hrs)	ASTM D4355	80 %	80 %

*Maximum roll average value

Descriptive characteristics	Test method	TYPICAL ENGLISH	TYPICAL METRIC
Mass per unit area	ASTM D5261	5.5 oz/y ²	186 g/m ²

Note: The values presented in the tables above are indicative, they are offered solely to provide possible suggestions. We reserve the right to alter the results of these materials without prior notice. As the installation and the conditions of use are beyond our control, BTT cannot accept responsibility for the performance of any of these products. The properties listed herein are provided as information only and in no way can create any warranty.