

## TECHNICAL DATASHEET

### Terralys LF 90/90

**Terralys LF 90/90** is a polypropylene woven slit film geotextile, manufactured into a dimensionally stable network, ensuring that filaments retain their relative positions.

**Terralys LF 90/90** 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	600 lbs x 445 lbs	2700 N x 1980 N
Grab Elongation (MD x CMD)	ASTM D4632	27 % x 16 %	27 % x 16 %
Trapezoid Tear Strength (MD x CMD)	ASTM D4533	250 lbs x 285 lbs	1110 N x 1280 N
CBR Puncture	ASTM D6241	1670 lbs	7430 N
Permittivity	ASTM D4491	0.22 sec <sup>-1</sup>	0.22 sec <sup>-1</sup>
Water Flow Rate	ASTM D4491	17 gal/min/ft <sup>2</sup>	660 L/min/m <sup>2</sup>
Apparent Opening Size*	ASTM D4751	-	-
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	10.5 oz/y <sup>2</sup>	356 g/m <sup>2</sup>

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.