

# TerraTex® EP-500

TerraTex® EP-500 is a woven monofilament geotextile made up of polypropylene filaments. These filaments are woven to form a stable and durable network such that the filaments retain their relative position. It is non-biodegradable and resistant to most soil chemicals, acids, and alkali with a pH range of 3 to 12. TerraTex® EP-500 is manufactured to meet or exceed the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile	ASTM D4632	<b>375 x 375 lbs</b>	<b>1.67 x 1.67 kN</b>
Grab Elongation	ASTM D4632	<b>15 x 7 %</b>	<b>15 x 7 %</b>
Trapezoid Tear	ASTM D4533	<b>120 x 120 lbs</b>	<b>0.53 x 0.53 kN</b>
CBR Puncture	ASTM D6241	<b>1,200 lbs</b>	<b>5.34 kN</b>
Permittivity <sup>1</sup>	ASTM D4491	<b>0.2 sec<sup>-1</sup></b>	<b>0.2 sec<sup>-1</sup></b>
Water Flow Rate <sup>1</sup>	ASTM D4491	<b>15 gpm/ft<sup>2</sup></b>	<b>611 Lpm/m<sup>2</sup></b>
Percent Open Area	COE 02215	<b>3 %</b>	<b>3 %</b>
AOS <sup>1, 2</sup>	ASTM D4751	<b>50 US Std. Sieve</b>	<b>0.30 mm</b>
UV Resistance	ASTM D4355	<b>70 % @ 500 hrs</b>	<b>70 % @ 500 hrs</b>

<sup>1</sup> At the time of manufacturing. Handling, storage, and shipping may change these properties.

<sup>2</sup> Value represents maximum average roll value.

**DISCLAIMER:** Descriptions regarding the products described herein are based solely upon information provided by the manufacturer and are provided for informational purposes only. **NOTHING CONTAINED HEREIN SHOULD BE CONSTRUED AS CREATING AN EXPRESSED OR IMPLIED WARRANTY, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS, EACH OF WHICH IS HEREBY DISCLAIMED. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.** The final determination as to the suitability of any product of Hanes Geo Components in any particular application rests solely with the user. Hanes Geo Components reserves the right to alter or modify its products and descriptions at any time without notice.