



TerraBase+ General Properties

Properties	Test Method	TerraBase+	
Film Thickness	ASTM 05199	25 mil	
Color		Metallic Blue / White Geotextile	
Tensile Strength	ASTM D751	A - 138 lbs	B - 120 lbs
Elongation	ASTM D751	A - 17%	B - 53%
Grab Tensile	ASTM D7004	A - 142 lbs.	B - 129 lbs.
Elongation	ASTM D7004	A - 16%	B - 40%
Puncture Resistance	ASTM D4833	47 lbs.	
Life Expectancy	ASTM D154-93	Indefinite	
PCE Diffusion Coefficient	Land Science Internal Method	<1.0 x 10 <sup>-18</sup> m <sup>2</sup> /sec - ongoing	
Benzene Diffusion Coefficient	Land Science Internal Method	<1.0 x 10 <sup>-18</sup> m <sup>2</sup> /sec - ongoing	
Packaging		6.56' x 164'	

Land Science Protection Fabric General Properties

Properties	Test Method	Land Science Protection Fabric
Color		Black Geotextile
Weight	ASTM D5261	8 oz/yd <sup>2</sup>
Tear Strength (Trapezoidal)	ASTM D4533	80 lbs
CBR Puncture Resistance	ASTM D6241	535 lbs
Apparent Opening Size	ASTM 4751	80 US STD Sieve
Grab Elongation	ASTM 4632	50%
Grab Tensile Strength	ASTM E 4632	205 lbs
UV Resistance (500 hrs)	ASTM 4355	70%
Permittivity	ASTM 4491	1.4 sec <sup>-1</sup>
Water Flow Rate	ASTM 4491	100 gpm/ft <sup>2</sup>
Packaging		12.5' x 360'



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