



Reinforcement



Separation

## ADS GEOSYNTHETICS GRASSPROTECTA SPECIFICATION

### Scope

This specification describes ADS Geosynthetics Grassprotecta.

### Product Data Sheet

	Standard 0.24 lbs/ft <sup>2</sup>	Heavy 0.41 lbs/ft <sup>2</sup>
<b>Physical Properties</b>		
Structure	Oscillated	Oscillated
Polymer	HDPE (with recycled content)	HDPE (with recycled content)
Color Options	Green	Green
UV Stabilized	Yes	Yes
<b>Dimensional Characteristics</b>		
Roll Size W x L ft. (m)	6.56 x 65.6/3.28 x 32.8 (2 x 20/1 x 10)	6.56 x 65.6/3.28 x 32.8 (2 x 20/1 x 10)
Roll Weight lbs (kg)	106/26 (48/11.7)	176/44 (80/20)
Weight per Square Foot lbs (kg)	0.24 (0.10)	0.41 (0.19)
Thickness in (mm)	0.43 (11)	0.55 (14)
Aperture (Diamond Oval)	3:1 ratio	3:1 ratio
<b>Technical Characteristics</b>		
Tensile Strength <sup>1</sup> (MD)	12 kN/m	16 kN/m
Yield Point Elongation <sup>1</sup> (MD)	30%	35%
Residual Thickness at 500 kPa <sup>2</sup>	45%	60%
Slip Risk PTV Value <sup>3</sup>	>40 (low slip)	>40 (low slip)

### Grassprotecta Pins

Product	U-Pin
Material	Steel
Size in (mm)	6.7 x 2.75 x 0.23 diameter (170 x 70 x 6)
Packaging	50 per pack

#### TESTING METHODS :

1. ISO 10319
2. ASTM D1621
3. BS7976: 1-3