

# EnviroForce® S1500

## Environmental Protection Geotextile

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EnviroForce® Environmental Protection Geotextile is a black non-woven geotextile specifically designed for temporary lining of spillways, channels, drains and covering earth bunds.

PROPERTIES	STANDARD		UNIT	VALUE
<b>MECHANICAL</b>				
Tensile Strength	ASTM D-4595	M	KN/m	4.2
Tensile Elongation	ASTM D-4595	M	%	50
Grab Tensile Strength	ASTM D-4632	M	N	315
Grab Elongation	ASTM D-4632	M	%	50
Trapezoidal Tear	ASTM D-4533	M	N	110
CBR Puncture	AS 3706.4	M	N(>=)	560
Puncture Strength	ASTM D-4833	M	N(>=)	120
<b>HYDRAULIC PROPERTIES</b>				
Water Flow Rate	ASTM D-4491		L/s/m <sup>2</sup>	≥60
Permittivity	ASTM D-4491		Sec-1	1.2
Apparent Opening Size (AOS)	ASTM D-4751		mm≤	0.12
<b>DURABILITY</b>				
UV Resistance (Retained @ 500 Hours)	ASTM D-4355		%	70
Softening Point	ASTM D-276		°C	230
<b>PHYSICAL IDENTIFICATION PROPERTIES</b>				
Thickness	ASTM D-5199		mm	1.25
Width - 4 m			m	4
Roll Length			m(≥)	50
Mass per Unit Area	ASTM D-5261		g/m <sup>2</sup>	140

(M: Minimum Average Roll Value)

### APPLICATIONS

- Lining spillways
- Lining channels/drains
- Covering bunds
- Covering stock piles

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