



PROPEX Landlok S1

PROPEX® Landlok® S1 erosion control blanket (ECB) consists of 100% wheat straw mechanically bound and covered on one side by netting. The straw is homogeneously blended and evenly distributed throughout the blanket. The netting is photodegradable polypropylene with mesh openings of approximately 0.5 in by 0.5 in (13 mm by 13 mm). The blanket is sewn on approximately 2 in (51 mm) centers with photodegradable polypropylene thread.

Landlok S1 conforms to the property values listed below¹.

Properties ²	Test Method	English	Metric
Origin of material			
% U.S. Manufactured		100%	100%
Physical Properties			
Mass/Unit Area	ASTM D6475	8.0 oz/sy	271 g/m ²
Thickness	ASTM D6525	0.28 in	7 mm
Light Penetration (% Passing)	ASTM D6567	22%	
Water Absorption	ASTM D1117	450%	
Mechanical Properties			
Tensile Strength	ASTM D6818	58 x 58 lb/ft	0.8 kN/m x 0.8 kN/m
Elongation	ASTM D6818	15% x 20%	
Performance			
Velocity (Unvegetated)	ASTM D6460	5 ft/s	1.5 m/s
Shear Stress (Unvegetated)	ASTM D6460	1.6 lb/ft ²	77 Pa
Manning's n (Unvegetated)	Calculated	0.030	
RUSLE Cover Factor (C Factor)	ASTM D6459	0.05	
Roll Sizes		8.0 ft x 112.5 ft	2.45 m x 34.3 m
		16.0 ft x 112.5 ft	4.9 m x 34.3 m

NOTES:

⁽¹⁾ The property values listed above are effective 05/01/2023 and are subject to change without notice. Values represent testing at time of manufacture.

⁽²⁾ Values represent testing at time of manufacture and are shown as typical values.