

LANDLOK® 407GR

LANDLOK® 407GR is a flexible, open weave, degradable erosion control blanket manufactured at one of SI Geosolutions' facilities that has achieved ISO-9002 certification for its systematic approach to quality. LANDLOK® 407GR is made from perpendicular rows of polypropylene photodegradable spun and tape yarns woven into a dimensionally stable matrix. When fully saturated, LANDLOK® 407GR conforms to the property values listed below¹ and which have been derived from quality control testing performed by one of SI Geosolutions' GAI-LAP accredited laboratories:

Typical²

PROPERTY	TEST METHOD	ENGLISH	METRIC
Physical			
Mass/Unit Area	ASTM D6475	1.75 oz/yd ²	59 gr/m ²
Aperture Size	Measured	0.10 x 0.12 in	2.5 x 3.0 mm
Moisture Absorption	ASTM D570	0.01% (max)	0.01% (max)
Mechanical			
Tensile Strength	ASTM D6818 ³	450 x 250 lb/ft	6.7 x 3.7 kN/m
Tensile Elongation	ASTM D6818 ³	40% (Typical)	40% (Typical)
Endurance			
Functional Longevity	Observed	12 months	12 months
Roll Sizes			
		12.5 x 432 ft	3.81 x 131.7 m

NOTES:

- ¹ **The property values listed above are effective 12/03 and are subject to change without notice.**
- ² Values for machine and cross-machine, respectively, under dry or saturated conditions. Typical indicates mean or average of all test data.
- ³ Formerly test method ASTM D5035.
- ⁴ Maximum permissible design values listed are based on short-term (0.50 hrs), vegetated data obtained at an independent hydraulics testing facility. Additional values are available upon request.

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