

PHOTODEGRADABLE EROSION CONTROL BLANKETS

Every site has unique challenges created by soil characteristics, topography, climate, and other environmental conditions. You need one solution to deliver results, regardless of the challenges at hand. Erosion Control Blankets (ECBs) create an excellent micro-climate for the propagation of seeds while protecting the open soil from natural erosion from rain, wind, and water flow.

Whether you need temporary or permanent protection, short-term or long-term durability, and biodegradable or photodegradable solutions, our ECBs deliver a wide variety of advantages, features, and benefits.

June 2025 Photodegradable Erosion Control Blankets					
Style	ASTM	LPS1 8' X 112.5' STRAW	LPS2 8' X 112.5' STRAW	LPCS2 8' X 112.5' COCO/STRAW	LPC2 8' X 112.5' COCONUT
Description		100% straw with 1 photodegradable polypropylene net, degradable thread	100% straw with 2 photodegradable polypropylene nets, degradable thread	70% straw fiber, 30% coconut fiber with 1 polypropylene nets w/UV additives & 1 photodegradable polypropylene net, degradable thread	100% coconut fiber with 2 polypropylene nets w/UV additives, degradable thread
Functional Longevity*		12 Months	12 months	24 months	36 months
Suggested Application		Low Flow channels and 4:1 - 3:1 Slopes	Moderate Flow Channels and 3:1 - 2:1 Slopes	Medium Flow channels and 2:1 - 1.5:1 Slopes	High Flow channels and 1:1 and Greater Slopes
Tensile Strength MD	D6818	100.8 lb/ft 1.47 kN/m	136.8 lb/ft 1.99 kN/m	158.4 lb/ft 2.31 kN/m	178.8 lb/ft 2.61 kN/m
Tensile Strength TD	D6818	46.8 lb/ft 0.68 kN/m	121.2 lb/ft 1.77 kN/m	100.8 lb/ft 1.47 kN/m	116.4 lb/ft 1.70 kN/m
Unvegetated Shear Stress		1.50 lb/ft ² 72 Pa	1.75 lb/ft ² 84 Pa	2.29 lb/ft ² 109 Pa	2.25 lb/ft ² 108 Pa
Unvegetated Velocity		5.00 ft/sec 1.52 m/sec	6.00 ft/sec 1.83 m/sec	8.00 ft/sec 2.44 m/sec	10.00 ft/sec 3.05 m/sec
Roll Width		8.0 ft 2.44 m	8.0 ft 2.44 m	8.0 ft 2.44 m	8.0 ft 2.44 m
Roll Length		112.5 ft 34.3 m	112.5 ft 34.3 m	112.5 ft 34.3 m	112.5 ft 34.3 m
Roll Weight (minimum)		50 lbs 22.68 kg	50 lbs 22.68 kg	50 lbs 22.68 kg	50 lbs 22.68 kg
Notes: Additional roll sizes may be available. *Will vary depending on soil and climatic conditions					

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