

ERONET® 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.

North American Green's temporary and permanent **EroNet® Erosion Control Blankets (ECBs)** use photodegradable nettings, which are ultimately broken down by the sun's ultraviolet rays.

April 2023		EroNet® Photodegradable Erosion Control Blankets							
Style	ASTM	EroNet® DS75	EroNet® S75	EroNet® DS150	EroNet® S150	EroNet® SC150	EroNet® C125	EroNet® P300	
Material Properties	Description	100% straw with 1 accelerated photodegradable polypropylene net, degradable thread	100% straw with 1 photodegradable polypropylene net, degradable thread	100% straw with 2 photodegradable polypropylene nets, 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	100% UV stable polypropylene fiber, with 2 UV stabilized polypropylene nets, UV stable threads	
	Functional Longevity*	45 Days	12 Months	60 Days	12 months	24 months	36 months	Permanent	
	Suggested Application	Low Flow channels and 4:1 - 3:1 Slopes	Low Flow channels and 4:1 - 3:1 Slopes	Moderate Flow Channels and 3:1 - 2:1 Slopes	Moderate Flow Channels and 3:1 - 2:1 Slopes	Medium Flow Channels and 2:1 - 1:1 Slopes	High Flow Channels and 1:1 and Greater Slopes	High Flow Channels and 1:1 Slopes	
	Tensile Strength MD	D6818	105.6 lb/ft 1.57 kN/m	122.4 lb/ft 1.81 kN/m	201.6 lb/ft 2.99 kN/m	159.6 lb/ft 2.37 kN/m	362.4 lb/ft 5.37 kN/m	472.8 lb/ft 7.01 kN/m	438 lb/ft 6.49 kN/m
	Tensile Strength TD	D6818	42.0 lb/ft 0.62 kN/m	79.2 lb/ft 1.17 kN/m	72 lb/ft 1.07 kN/m	93.6 lb/ft 1.39 kN/m	136.8 lb/ft 2.03 kN/m	225.6 lb/ft 3.35 kN/m	291.1 lb/ft 4.32 kN/m
	Unvegetated Shear Stress		1.55 lb/ft ² 74 Pa	1.55 lb/ft ² 74 Pa	1.75 lb/ft ² 84 Pa	1.75 lb/ft ² 84 Pa	2.00 lb/ft ² 96 Pa	2.25 lb/ft ² 108 Pa	3.0 lb/ft ² 144 Pa

For up-to-date technical information, be sure to visit us online at www.LayfieldGroup.com

ERONET® PHOTODEGRADABLE EROSION CONTROL BLANKETS

Unvegetated Velocity		5.00 ft/sec 1.52 m/sec	5.00 ft/sec 1.52 m/sec	6.00 ft/sec 1.83 m/sec	9.0 ft/sec 2.75 m/sec	8.0 ft/sec 2.44 m/sec	10.0 ft/sec 3.05 m/sec	9.0 ft/sec 2.7 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	8.0 ft 2.44 m	8.0 ft 2.44 m	8.0 ft 2.44 m
Roll Length		112 ft 34.14 m	112 ft 34.14 m	112 ft 34.14 m	112 ft 34.14 m	112 ft 34.14 m	112 ft 34.14 m	112 ft 34.14 m
Roll Weight + /- 10%		50 lbs 22.68 kg	50 lbs 22.68 kg	50 lbs 22.68 kg	50 lbs 22.68 kg	55 lbs 24.95 kg	56.25 lbs 25.5 kg	76.25 lbs 34.59 kg
Notes: All products available in biodegradable nets Additional roll sizes may be available *Will vary depending on soil and climatic conditions								

Disclaimer: Layfield disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.

For up-to-date technical information, be sure to visit us online at www.LayfieldGroup.com