

ECTC Classification	Installed Slope Maximum	Product Description
4A	1:1 (H:V)	Open Weave Textiles

## Rolled Erosion Control Products



Page 1 of 1

Product Name	Company Name	Material Composition	C Factor <sup>b</sup> <i>Performance Test</i>	Shear Stress <sup>c</sup> <i>Performance Test</i>	MD	TD	Material Thickness <i>Typical</i>	Ground Coverage <i>Typical</i>	Material Mass <i>Typical</i>	Installed Slope Steepness <i>Maximum</i>
					Material Tensile Strength <i>Typical</i>	Material Tensile Strength <i>Typical</i>				
					ASTM D6818	ASTM D6818	ASTM D6525	ASTM D6567	ASTM D6475	
ECTC Spec	n/a	An open weave textile composed of processed slow degrading natural or polymer yarns or twines woven into a continuous matrix.	≤ 0.05	≥ 2.25 lbs/ft <sup>2</sup> (108 Pa)	≥ 100 lbs/ft (1.5 kN/m)	≥ 40 lbs/ft (0.6 kN/m)	≥ 0.20 in - ≤ 0.50 in (≥ 5.1 - ≤ 12.7 mm)	≥ 50 %	≥ 20.0 oz/ yd <sup>2</sup> (678 g/m <sup>2</sup> )	1:1 (H:V)
EC-7Y	East Coast Erosion Control	Coir Fiber	0.003	4.5 lbs/ft <sup>2</sup>	1600 lbs/ft	1310 lbs/ft	0.36 in	67 %	22.3 oz/yd <sup>2</sup>	1:1 (H:V)
EC-9Y	East Coast Erosion Control	Coir Fiber	0.002	5.5 lbs/ft <sup>2</sup>	1915 lbs/ft	1640 lbs/ft	0.38 in	82%	26.7 oz/yd <sup>2</sup>	1:1 (H:V)

- C Factor and permissible shear stress for Types 1.A. and 2.A. mulch control nettings must be obtained with netting used in conjunction with pre-applied mulch material.
- This value should be the maximum C Factor from standardized large-scale rainfall performance testing, ASTM D5459 or equivalent deemed acceptable by the engineer.
- Required minimum shear stress RECP (unvegetated) can sustain without physical damage or excess erosion (> 12.7 mm (0.5 inch) soil loss) during a 30-minute flow event in large-scale performance testing, ASTM D6460 or equivalent deemed acceptable by the engineer.
- This value should represent the maximum gradient the product should be recommended for rainfall/slope application.