

ECTC Classification	Installed Slope Maximum	Product Description
<b>3A</b>	<b>2:1 (H:V)</b>	Open Weave Textiles

## Rolled Erosion Control Products



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Product Name	Company Name	Material Composition	C Factor <sup>b</sup> <i>Performance</i>	Shear Stress <sup>c</sup> <i>Performance</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	ASTM	ASTM	ASTM	ASTM	
ECTC Spec	n/a	An open weave textile composed of processed slow degrading natural or polymer yarns or twines woven into a continuous	≤ 0.05	≥ 2.0 lbs/ft <sup>2</sup> (96 Pa)	≥ 100 lbs/ft (1.5 kN/m)	≥ 40 lbs/ft (0.6 kN/m)	≥ 0.20 in - ≤ 0.40 in (≥5.1 - ≤ 10.1 mm)	≥ 40 %	≥11.0 oz/ yd <sup>2</sup> (373 g/m <sup>2</sup> )	2:1 (H:V)
EC 4Y	East Coast Erosion	Coir Fiber	0.003	3.0 lbs/ft <sup>2</sup>	765 lbs/ft	748 lbs/ft	0.24 in	62 %	12.1 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.