

ECTC Classification	Installed Slope Maximum	Product Description
2A	5:1 (H:V)	Netting / Open Weave Textile

## Rolled Erosion Control Products



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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 Material Tensile Strength <i>Typical</i> ASTM D6818	TD Material Tensile Strength <i>Typical</i> ASTM D6818	Material Thickness <i>Typical</i> ASTM D6525	Ground Coverage <i>Typical</i> ASTM D6567	Material Mass <i>Typical</i> ASTM D6475	Installed Slope Steepness <i>Maximum</i>
ECTC Spec	n/a	A photodegradable synthetic mesh or woven biodegradable natural fiber netting.	≤ 0.10	≥ 1.0 lbs/ft <sup>2</sup> (48 Pa)	≥ 125 lbs/ft (1.8 kN/m)	≥ 10 lbs/ft (0.1 kN/m)	≥ 0.03 in (0.76 mm)	≥ 3 %	≥ 0.2 oz/yd <sup>2</sup> (7 g/m <sup>2</sup> )	5:1 (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.