

ECTC Classification	Installed Slope Maximum	Product Description
1B	3:1 (H:V)	Netless Rolled Erosion

Rolled Erosion Control Products



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Product Name	Company Name	Material Composition	C Factor ^b <i>Performance Test</i>	Shear Stress ^c <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> ASTM D6818	Material Tensile Strength <i>Typical</i> ASTM D6818				
ECTC Spec	n/a	Natural and/or polymer fibers mechanically interlocked and/or chemically adhered together to form an RECP.	≤ 0.10	≥ 1.0 lbs/ft ² (48 Pa)	≥ 125 lbs/ft (1.8 kN/m)	≥ 10 lbs/ft (0.1 kN/m)	≥ 0.3 in (7.6 mm)	≥ 50 % — ≤ 90 %	≥10.0 oz/yd ² (339 g/m ²)	3:1 (H:V)
Curlex NetFree	American Excelsior Company	Wood Fiber	0.063	1 lbs/ft ² (48Pa)	158.4 lb/ft	14.5 lbs/ft	0.39 in (9.9 mm)	62 %	10.24 oz/yd ²	

- 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.