

ECTC Classification	Installed Slope Maximum	Product Description
2C	3:1 (H:V)	Single-net Erosion Control Blankets

Rolled Erosion Control Products



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Product Name	Company Name	Material Composition	C Factor ^b	Shear Stress ^c	MD Material Tensile Strength	TD Material Tensile Strength	Material Thickness	Ground Coverage	Material Mass	Installed Slope Steepness
			<i>Performance Test</i>	<i>Performance Test</i>	<i>Typical</i>	<i>Typical</i>	<i>Typical</i>	<i>Typical</i>	<i>Typical</i>	<i>Typical</i>
					ASTM D6818	ASTM D6818	ASTM D6525	ASTM D6567	ASTM D6475	
ECTC Spec	n/a	Processed degradable natural and/or polymer fibers mechanically bound together by a single rapidly degrading, synthetic or natural fiber netting.	≤ 0.10	≥ 1.5 lbs/ft ² (48 Pa)	≥ 60 lbs/ft (0.9 kN/m)	≥ 20 lbs/ft (0.3 kN/m)	≥ 0.25 in - ≤ 0.50 in (≥6.4 - ≤ 12.7 mm)	≥ 50 % - ≤ 90 %	≥ 8.0 oz/yd ² (271 g/m ²)	3:1 (H:V)
ECS-1	East Coast Erosion Control	Straw	0.02	1.5 lbs/ft ²	121 lb/ft	79 lbs/ft	0.30 in	78 %	8.0 oz /yd ²	3:1 (H:V)
ECS-1B	East Coast Erosion Control	Straw	0.08	1.55 lbs/ft ²	106 lb/ft	118 lbs/ft	0.30 in	80 %	9.0 oz/yd ²	3:1 (H:V)
ECX-1	East Coast Erosion Control	Excelsior	0.03	1.78 lb/ft ²	122 lb/ft	86 lbs/ft	0.38 in	64 %	8.8 oz/yd ²	2:1 (H:V)
S31	ErosionControlBlanket.com	Straw	0.10	1.5 lbs/ft ²	102 lb/ft	31.2 lbs/ft	0.28 in	84.8 %	8.0 oz /yd ²	3:1 (H:V)
S31BD	ErosionControlBlanket.com	Straw	0.09	1.5 lbs/ft ²	132 lb/ft	60 lbs/ft	0.27 in	83.6 %	8.0 oz /yd ²	3:1 (H:V)
Curlex I CL	American Excelsior Company	Wood Fiber	0.039	1.60 lbs/ft ² (77 Pa)	87.6 lb/ft	30.0 lbs/ft	0.382 in (9.70 mm)	52.6 %	6.4 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.

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			<i>Performance Test</i>	<i>Performance Test</i>	<i>Typical</i>	<i>Typical</i>	<i>Typical</i>	<i>Typical</i>	<i>Typical</i>	<i>Typical</i>
					ASTM D6818	ASTM D6818	ASTM D6525	ASTM D6567	ASTM D6475	
ECTC Spec	n/a	Processed degradable natural and/or polymer fibers mechanically bound together by a single rapidly degrading, synthetic or natural fiber netting.	≤ 0.10	≥ 1.5 lbs/ft ² (48 Pa)	≥ 60 lbs/ft (0.9 kN/m)	≥ 20 lbs/ft (0.3 kN/m)	≥ 0.25 in - ≤ 0.50 in (≥6.4 - ≤ 12.7 mm)	≥ 50 % — ≤ 90 %	≥ 8.0 oz/yd ² (271 g/m ²)	3:1 (H:V)
Curlex I	American Excelsior Company	Wood Fiber	0.018	1.75 lbs/ft ² (84 Pa)	78.0 lbs/ft	37.2 lbs/ft	0.411 in (10.44 mm)	79.5 %	9.12 oz/yd ²	
Curlex I FibreNet	American Excelsior Company	Wood Fiber	0.018	1.75 lbs/ft ² (84 Pa)	144 lbs/ft	82.8 lbs/ft	0.401 in (10.2 mm)	57.6 %	9.12 oz/yd ²	
AEC Premier Straw Single Net	American Excelsior Company	Straw	0.05	1.55 lbs/ft ² (74 Pa)	132.2 lbs/ft	46.8 lbs/ft	0.31 in (7.87 mm)	78.4 %	6.88 oz/yd ²	
AEC Premier Straw Single Net FibreNet	American Excelsior Company	Straw	0.05	1.55 lbs/ft ² (74 Pa)	199.2 lbs/ft	121.2 lbs/ft	0.31 in (7.87 mm)	87.81 %	6.88 oz/yd ²	

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- 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.*