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Type 4.A

Type 4.A – Paragraph Form

Product shall be ECTC Type 4.A, which is an open weave textile composed of processed slow degrading natural or polymer yarns or twines woven into a continuous matrix. Product shall have a C Factor ≤ 0.05 from standardized large-scale rainfall performance testing, ASTM D6459 or equivalent deemed acceptable by the engineer. Product unvegetated permissible shear stress rating shall be ≥ 2.25 lbs/ft^2 (≥ 108 Pa) according to ASTM D6460 or equivalent deemed acceptable by the engineer. MD (Machine Direction) tensile strength shall be ≥ 100 lbs/ft (≥ 1.5 kN/m) x TD (Transverse Direction) tensile strength of ≥ 40 lbs/ft (≥ 0.6 kN/m) according to ASTM D6818. Product shall have a thickness ≥ 0.20 in – ≤ 0.40 in (5.1 mm – 10.1 mm) according to ASTM D6525, ground coverage of ≥ 50% according to ASTM D6567, and mass per unit area of ≥ 20.0 oz/yd^2 (≥ 678 g/m^2) according to ASTM D6475.

Type 4.A – Tabular Form

ECTC Type	4.A
Product Description	Open Weave Textile
Material Composition	An open weave textile composed of processed slow degrading natural or polymer yarns or twines woven into a continuous matrix.
C Factor[b]	≤ 0.05
Shear Stress[c]	≥ 2.25 lbs/ft^2 (≥ 108 Pa)
MD Material Tensile Strength (ASTM D6818)	≥ 100 lbs/ft (≥ 1.5 kN/m)
TD Material Tensile Strength (ASTM D6818)	≥ 40 lbs/ft (≥ 0.6 kN/m)
Material Thickness (ASTM D6525)	≥ 0.20 in – ≤ 0.40 in (5.1 mm – 10.1 mm)
Ground Coverage (ASTM D6567)	≥ 50%
Mass Per Unit Area (ASTM D6475)	≥ 20.0 oz/yd^2 (≥ 678 g/m^2)

a. 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.

b. ASTM D6459 or equivalent deemed acceptable by the engineer.

c. ASTM D6460 or equivalent deemed acceptable by the engineer.