



## C-POP

C-POP (Polypropylene On Polypropylene) Silt Fence system is designed and manufactured in Georgia as an alternative to Type C Silt Fence (steel posts with wire reinforcement). This system is designed to be used as a temporary sediment barrier for use in areas where runoff flows of velocities are high. Use where slopes exceed 10 feet high or where high performance erosion control is warranted.

C-POP combines high flow, GA DOT and GSWCC approved, fabric sewn together with a heavy duty high performance polypropylene reinforcement grid. 2" x 2" x 48" hardwood stakes are pre-attached on 4 foot centers by a specially designed staple pattern. The fabric and grid are bound together and are 36" in height. They are designed to be trenched into the ground together up to six inches.

C-POP should be installed into a 6" trench up to the first marker line of the fabric. Drive the posts into the ground to the same depth keeping the fabric stretched and tight. Back fill the trench with remaining soil and compact. C-POP meets or exceeds ASHTO m288 and ASTM 6461.

### Type C Silt Fence Fabric

<u>Property</u>	<u>Test Method</u>	Minimum Average Roll Value <u>English</u>
<b><u>Mechanical</u></b>		
Tensile Strength	ASTM D-4632	260 x 180 lbs
Elongation	ASTM D-4632	25%
Puncture Resistance	ASTM D-4833	120lbs
Mullen Burst	ASTM D-3786	250 psi
Trapezoidal Tear	ASTM D-4533	65 lbs
Endurance		
UV Resistance	ASTM D-4355	80% @ 500 hrs
<b><u>Hydraulic</u></b>		
Apparent Opening Size (AOS)	ASTM D-4751	30 US Std. Sieve
Fungus Resistance	ASTM G-21	0 Growth
Water Flow Rate	ASTM D-4491	70 gpm/ft <sup>2</sup>



## Conwed R02659-XXX Reinforcement Grid

<u>Property</u>	<u>Test Method</u>	<u>MARV</u> <u>English</u>
Weight	ASTM D-3776	10.0 +/- PMSF
Strand Count	ASTM D-3775	9.0 +/- per 10" MD 13 +/- per 10" TD
Tensile Strength	ASTM 1682	57.0 +/- MD 73.0 +/- TD
Color		Black
Resin		Polypropylene