

Landscape **Depot Inc.** **Erosion Control Supplies**

C-POP® Sediment Control System

C-POP® (Polypropylene On Polypropylene) Silt Fence is a unique silt fence system designed as an alternative to Type C Silt Fence (steel posts with wire reinforcement). This silt fence system is designed to be used as a temporary sediment barrier structure for use in areas where runoff flows or velocities are particularly high or where slopes exceed a vertical height of 10 feet or other situations where high performance erosion control is warranted.

Construction: This sediment barrier system combines high flow, GA D.O.T and GSWCC approved, sediment retention fabric, sewn together with a heavy duty, high performance polypropylene reinforcement grid. The posts are pre-attached to the reinforced fabric four feet apart by a specially designed staple pattern. The posts consist of a hard wood stake measuring no less than four feet in length by 2 inches by 2 inches. The fabric and the reinforcement grid, bound together, are thirty six inches in height and designed to be trenched into the ground together, up to six inches.

Installation: A six inch trench is dug where silt fence is to be placed. The posts are driven into the ground at a depth that allows the first marker line on the fabric to reach the top of the trench, or ground level. This should place the fabric six inches into the ground or trench. Continue to drive all of the posts to the same depth keeping fabric stretched and tight. Back fill the trench with remaining soil.

Physical Properties of CFG Style GFF, GA D.O.T and GSWC approved Filter Fabric:

<u>Property</u>	<u>Test Method</u>	<u>Min Avg Roll Value</u>
Tensile Strength (Warp x Fill)	ASTM D-4632	260 lb x 180 lb
Elongation	ASTM D-4632	25%
Mullen Burst	ASTM D-3786	250 psi
Puncture	ASTM D-4833	120 lb
Trapezoid Tear	ASTM D4533	65 lb
UV Resistance	ASTM D-4355	80% @ 500 hrs
AOS	ASTM D-4751	#30
Flow Rate	ASTM D-4491	70 Gal/Min/Sq ft
Fungus Resistance	ASTM G-21	0 Growth
Width		36 Inch

Physical Properties of Conwed R02659-XXX Reinforcement Grid:

Average Weight	ASTM D-3776	10.0 +/- PMSF
Average Strand Count	ASTM D-3775	9.0 +/- per 10" MD
13 +/- .7 per 10" TD		
Average Tensile Strength	ASTM 1682	MD+ 57.0 +/- 9.0 lb / 3 Strands
TD+ 73.0 +/- 10.0 lb / 4		
Color		Black
Resin		Polypropylene