



C-POP

C-POP (Polypropylene On Polypropylene) Silt Fence system is designed 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.



Type C Silt Fence Fabric

| <u>Property</u> | <u>Test Method</u> | Minimum Average Roll Value <u>English</u> |
|-----------------------------|--------------------|---|
| <u>Mechanical</u> | | |
| 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 |
| <u>Hydraulic</u> | | |
| 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 ² |

Conwed R02659-XXX Reinforcement Grid

| <u>Property</u> | <u>Test Method</u> | Minimum Average Roll Value <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 |