



77gm Silt Fence with 17 - 1.5" Stakes

77gm Silt Fence is a preassembled silt fence with 77 gram woven geotextile attached with staples to 48" x 1.5" nominal hardwood stakes. The finished size is 3' x 100', stake spacing is 6 foot. The 77 gram fabric is made up of polypropylene filaments. These filaments are woven to form a stable and durable network such that the fibers retain their relative position. It is non-biodegradable and resistant to most soil chemicals, acids and alkali with a pH range of 3 to 12. The 77gm Silt Fence is manufactured to meet or exceed the following minimum average roll values:

77 gram fabric

| <u>Property</u> | <u>Test Method</u> | <u>Minimum Average Roll Value English</u> |
|-----------------------------|--------------------|---|
| <u>Mechanical</u> | | |
| Tensile Strength | ASTM D-4632 | 100 x 100 lbs |
| Elongation | ASTM D-4632 | 15% x 20% |
| CBR Puncture Strength | ASTM D-6241 | 250 lbs |
| Trapezoidal Tear | ASTM D-4533 | 50 lbs |
| <u>Endurance</u> | | |
| UV Resistance | ASTM D-4355 | 90% @ 500 hrs |
| <u>Hydraulic</u> | | |
| Apparent Opening Size (AOS) | ASTM D-4751 | 20-50 US Sieve |
| Permittivity | ASTM D-4491 | 0.10 sec ⁻¹ |
| Water Flow Rate | ASTM D-4491 | 15 gpm/ft ² |