



Florida DOT Type III Silt Fence

FDOT Type III Silt Fence is a preassembled silt fence with 36" 77 gram woven geotextile attached with staples to 48"x 11/2" nominal hardwood stakes. 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 FDOT Type III 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