



Florida DOT Type IV Silt Fence

FDOT Type IV Silt Fence is a preassembled silt fence with 36" 77 gram woven geotextile attached with hog rings to 632 12- 14.5 gauge woven field fence. 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 IV Silt Fence is manufactured to meet or exceed the following minimum average roll values:

77 gram fabric

<u>Property</u>	<u>Test Method</u>	Minimum Average
		<u>Roll Value</u> <u>English</u>
<u>Mechanical</u>		
Tensile Strength	ASTM D-4632	100 x 100 lbs
Elongation	ASTM D-4632	15% - 20%
Puncture Resistance	ASTM D-4833	50 lbs
Mullen Burst	ASTM D-3786	250 psi
Trapezoidal Tear	ASTM D-4533	50 lbs
Endurance		
UV Resistance	ASTM D-4355	80% @ 500 hrs
Filtration Efficiency	ASTM D-5141	Min 70%
<u>Hydraulic</u>		
Apparent Opening Size (AOS) ³	ASTM D-4751	20-50 US Std. Sieve
Permittivity	ASTM D-4491	0.10 sec ⁻¹
Water Flow Rate	ASTM D-4491	15 gpm/ft ²

632 12-14.5 Type A Field Fence

Properties

Horizontal Wires	6
Vertical Wire Spacing	12 inches
Height	32 inches
Gauge	Top/Bottom Wires are 11 gauge Filler Wires Vertical/Horizontal are 14.5 gauge
Hinge Joint Construction	2.5 wrap minimum
Zinc Coating	Class 1