



PATRIOT
GEOSYNTHETICS

ECONOMY SILT FENCE *WITH STAKES*

Economy Silt Fence with stakes is preassembled using 36" woven geotextile PATRIOT 60SF and hardwood stakes. The PATRIOT 60SF is made up of high tenacity polypropylene tapes. These tapes are woven to form stable and durable structure which allows the tapes to maintain their relative position. It is non-biodegradable and resistant to ultra violet degradation, rotting, and most soil chemicals. The Economy Silt Fence with stakes is manufactured to meet or exceed the following minimum average roll values:



Assembled Unit Property	Test Method	Value
Post Size	Measured	1.25" x 1.25" x 48"
Post Spacing	Measured	10 ft
Post Composition	-	Hardwood with Pencil Point
Fabric Height	Measured	36 in
Unit Length	Measured	100 ft

PATRIOT 60SF Fabric

PROPERTY	TEST METHOD	MINIMUM AVERAGE ROLL VALUE ENGLISH
Tensile Strength (Grab)	ASTM D4632	60 x 60 lbs
Elongation	ASTM D4632	15%
CBR Puncture	ASTM D6241	200 lbs
Trapezoidal Tear	ASTM D4533	30 x 30 lbs
UV Resistance (500 hrs)	ASTM D4355	70%
Apparent Opening Size (AOS)	ASTM D4751	30 US Std. Sieve
Permittivity ASTM	ASTM D4491	0.05 sec ⁻¹

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INFO@PATRIOTGEOS.COM



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