

Product Data Sheet
TerraTex Silt Defense

Assembled Unit Components

Geotextile Fabric: TerraTex SF-90
Fabric Height: 36 in
Support Geogrid: 24 in geogrid with 1.2" x 1.2" aperture dimension
Unit Length: 100 ft

TerraTex SF-90 is a woven geotextile made up of high tenacity polypropylene tapes that are woven to form stable and durable structure, which allows the tapes to maintain their relative position. It is non-biodegradable and resistant to ultraviolet degradation, rotting, and most soil chemicals. TerraTex SF-90 is manufactured to meet or exceed AASHTO M288 supported and unsupported silt fence fabric requirements and the following minimum average roll values:

PROPERTY	TEST METHOD	MARV English
Tensile Strength (Grab)	ASTM D4632	100 x 100 lbs.
Elongation	ASTM D4632	15%
CBR Puncture	ASTM D6241	300 lbs.
Trapezoidal Tear	ASTM D4533	45 x 45 lbs.
UV Resistance (500 hrs)	ASTM D4355	70%
Apparent Opening Size (AOS)**	ASTM D4751	30 US Std. Sieve
Permittivity	ASTM D4491	0.05 sec ⁻¹
Water Flow Rate	ASTM D4491	6 gpm/ft ²

GEOGRID PROPERTY	Min Values
Ultimate Tensile Strength (Grab)	1,000 lbs./ft
Aperture Dimension	1.2 in. x 1.2 in.

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