

Lathe SF-90

TerraTex® SF-90 is a woven geotextile made up of polypropylene filaments. These filaments are woven to form a stable and durable network such that the filaments 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. TerraTex® SF-90 is manufactured to meet or exceed the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Construction			
Stake Spacing on Center		10, 8 or 6 ft	3.05, 2.44 or 1.83 m
Height		24 or 36 in	609.6 or 914.4 mm
Lathe Size		1.5 x 0.375 x 24 or 18 in	28.6 x 9.5 x 609.6 or 457.2 mm
Stake Width ¹		1.125, 1.5 or 2 in	28.6, 38.1 or 50.8 mm
Stake Length		36 or 48 in	914.4 or 1219.2 mm
Number of Stakes		11, 13 or 17	11, 13 or 17
Roll Length		100 ft	30.5 m
Fabric			
Grab Tensile	ASTM D4632	100 x 100 lbs	0.445 x 0.445 kN
Elongation	ASTM D4632	15 x 20 %	15 x 20 %
Mullen Burst	ASTM D3786	250 psi	1723 kPa
Puncture	ASTM D4833	50 lbs	0.223 kN
Trap Tear	ASTM D4533	50 lbs	0.223 kN
UV Resistance	ASTM D4355	80 % @ 500 hrs	80 % @ 500 hrs
AOS ²	ASTM D4751	20 - 50 US Std. Sieve	0.300 - 0.850 mm
Permittivity	ASTM D4491	0.10 sec⁻¹	0.10 sec⁻¹
Flow Rate	ASTM D4491	8 gpm/ft²	325.6 Lpm/m²

¹ Nominal

² Maximum Average Roll Value

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