

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

<sup>1</sup> Nominal

<sup>2</sup> Maximum Average Roll Value

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