

Welded Wire 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			
Height		32 in	812.8 mm
Wire Spacing		2 x 4 or 4 x 4 in	50.8 x 101.6 or 101.6 x 101.6 mm
Top/Bottom Wires		14 gauge	14 gauge
Vertical/Horizontal Filler Wires		14 gauge	14 gauge
Hinge Joint Construction		2.5 wrap minimum	2.5 wrap minimum
Zinc Coating		Class 1	Class 1
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 ¹	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 Maximum Average Roll Value

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