MATERIAL PROPERTY DATA SHEET



Talon Fabrics™ Silt Fence

TSF-100 PREASSEMBLED SERIES



DESCRIPTION

TSF-100 is a pre-assembled silt fence bundle including silt fence fabric and stakes as specified at the options below. It utilizes a woven geotextile made of polypropylene monofilament fibers that is non-biodegradable and resistant to UV degradation. Stakes can be place on varying centers. Laths are optional, with sizing depending on the fabric height.

Standard Unit Fabric Properties					
Fabric Weight	100 g				
Fabric Height	24 in (61 cm)	36 in (91 cm)			
Unit Length	100 ft (30.5 m)				

Standard Unit Stake Properties					
Post Type	Hardwood pencil point tip				
Post Diameters	C (1.125")	E (1.25")	B (1.5")	J (2.0")	
Post Length & Lath Length	36 in (91 cm) 24 in x 1.5 in		48 in (122 36 in x 1.5	cm) " (91x 3.8 cm)	
Post Number & Spacing					

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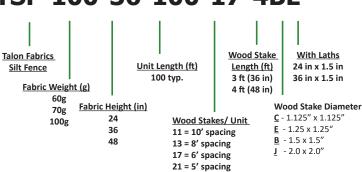
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Index Property	Test Method	MARV
Tensile Strength	ASTM D4632	125 x 125 lbs
Grab Elongation	ASTM D4632	15% x 15%
Puncture	ASTM D4833	325 lbs
Trapezoidal Tear	ASTM D4533	70 lbs
UV Resistance @ 500 hrs	ASTM D4355	80%
Apparent Opening Size (AOS)	ASTM D4751	30 US STD SIEVE
Permittivity	ASTM D4491	0.10 sec-1
Water Flow Rate	ASTM D4491	10 gal/min/ft2

The property values listed above are effective January 2024 and are subject to change without notice. Values listed are for machine (warp) and cross-machine (fill), respectively, under dry or saturated conditions. MARVs are calculated as the average, plus or minus two standard deviations.

Example Assembly with Typical Silt Fence Options for Design-to-Build

TSF-100-36-100-17-4BL



26 = 4' spacing

Rev. 5.2024 Scan for additional and updated product information

