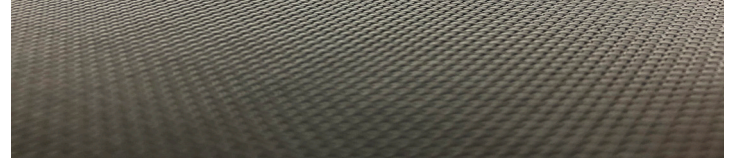


# MATERIAL PROPERTY DATA SHEET



## Talon Fabrics™ TF700F

Geotextile • Woven Fabric • UV Stabilized •



### DESCRIPTION

TF700F is a woven geotextile fabric produced from high-tenacity polypropylene yarns. Production of Talon Fabrics includes internal manufacturing quality control testing in an on-site GAI-LAP (Geosynthetic Accreditation Institute 3-Laboratory Accreditation Program) certified laboratory. Physical properties of the material and expected test results are listed below.

Material Content	
Yarn	High-tenacity polypropylene

Manufacture Process	Woven
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Standard Roll Sizes		
Width	15 ft	(4.5 m)
Length ± 10%	300 ft	(91 m)
Weight ± 10%*	165 lbs	(75 kg)
Area	500 SY	(418 sm)

Index Property	Test Method	MARV	
Tensile Strength	ASTM D4632	370 x 250 lbs	(1646 x 1112 N)
Grab Elongation	ASTM D4632	22% x 21%	
CBR Puncture	ASTM D6241	950 lbs	4226 N
Wide Width Tensile	ASTM D4595	2700 x 1740 lbs/ft	39 x 25 kN/m
Trapezoidal Tear	ASTM D4533	100 x 60 lbs	445 x 267 N
UV Resistance @ 500 hrs	ASTM D4355	90%	
Apparent Opening Size (AOS)	ASTM D4751	70 US STD SIEVE	0.212 mm
Permittivity	ASTM D4491	0.280 sec-1	
Water Flow Rate	ASTM D4491	18 gal/min/ft2	733 lt/min/m2
NTPEP LISTED:	GTX-2022-01-013	(GTF400E/ G104F)	

Disclaimer: The information contained herein may represent physical properties and expected values for specific tests at the time of manufacture, as part of routine quality analysis and control. While believed correct, and every effort for accuracy has been made, seller makes no warranties, express or implied, as to the accuracy of these values, fitness for a particular application, or compliance with any specification. Western Green and its affiliates make no warranty as to the test results obtained from evaluation of delivered material. This data sheet supersedes all previous versions for the style and is subject to change without notice. For further information, please feel free to contact Western Green.

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