



**THE GROUND CONTROL LEADERS**

# PRODUCT DATA SHEET

## GTF-300

A woven geotextile fabric, produced from high-tenacity polypropylene slit-film. This high-modulus fabric is ideally suited for separation / stabilization applications. GTF 300 has been UV stabilized and packaged in conformance with ASTM D4873.

PROPERTY	TEST PROCEDURE	METRIC		ENGLISH	
		MARV		MARV	
Grab Tensile Strength (W/F)	ASTM D-4632	1401	N	315	lbs
Grab Elongation	ASTM D-4632	15	%	15	%
Trapezoid Tear	ASTM D-4533	512	N	115	lbs
CBR puncture	ASTM D-6241	4450	N	1000	lbs
Permittivity	ASTM D-4491	0.050	sec <sup>-1</sup>	0.050	sec <sup>-1</sup>
A.O.S.	ASTM D-4751	0.300	mm	50	U.S. Sieve
UV Resistance (500 hrs)	ASTM D-4355	80	%	80	%
Water Flow Rate	ASTM D-4491	163	lpm/m <sup>2</sup>	4	gpm/ft <sup>2</sup>

Notes: - Mullen Burst ASTM D3786 removed. Not recognized by ASTM D35 on Geosynthetics.  
 - Puncture ASTM D4833 is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D6241.

VOLUME	TEST PROCEDURE	METRIC		ENGLISH	
		Typical		Typical	
Weight	ASTM D-5261	231	g/m <sup>2</sup>	6.8	oz/yd <sup>2</sup>
Thickness	ASTM D-5199	.711	mm	28	mils

PACKAGING	METRIC			ENGLISH		
	AREA	WIDTH	LENGTH	AREA	WIDTH	LENGTH
Roll sizes	501 m <sup>2</sup>	3.81 m	131.6 m	600 yd <sup>2</sup>	12.5'	432'
	501 m <sup>2</sup>	4.57 m	91.4 m	600 yd <sup>2</sup>	15'	300'
	501 m <sup>2</sup>	5.33 m	94.1 m	600 yd <sup>2</sup>	17.5'	309'
	669 m <sup>2</sup>	3.81 m	175.5 m	800 yd <sup>2</sup>	12.5'	576'
	669 m <sup>2</sup>	4.57 m	146.2 m	800 yd <sup>2</sup>	15'	480'
	669 m <sup>2</sup>	5.33 m	125.2 m	800 yd <sup>2</sup>	17.5'	411'

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