

A woven geotextile fabric, produced from high-tenacity polypropylene slit-film. This high-modulus fabric is ideally suited for separation / stabilization and reinforcing applications. GTF 500 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	2670/2450	N	600/550	lbs
Grab Elongation	ASTM D-4632	20/15	%	20/15	%
Wide Width Tensile (W/F)	ASTM D-4595	70	kN/m	400	lbs/in
Trapezoid Tear	ASTM D-4533	1024/890	N	230/200	lbs
Puncture	ASTM D-4833	1024	N	230	lbs
CBR puncture	ASTM D-6241	6230	N	1400	lbs
Mullen Burst	ASTM D-3786	9307	kPa	1350	psi
Permittivity	ASTM D-4491	0.145	sec ⁻¹	0.145	sec ⁻¹
A.O.S.	ASTM D-4751	0.180	mm	80	U.S. Sieve
UV Resistance (500 hrs)	ASTM D-4355	80	%	80	%
Water Flow Rate	ASTM D-4491	611	lpm/m ²	15	gpm/ft ²

VOLUME	TEST PROCEDURE	METRIC		ENGLISH	
		Typical		Typical	
Weight	ASTM D-5261	410	g/m ²	12.1	oz/yd ²
Thickness	ASTM D-5199	1.07	mm	42	mils

PACKAGING	METRIC			ENGLISH		
	AREA	WIDTH	LENGTH	AREA	WIDTH	LENGTH
Roll sizes	418 m ²	4.57	91.4 m	500 yd ²	15'	300'
	520 m ²	5.21	80.1m	622 yd ²	17.1'	327'

Physical properties reflect industry standards. Roll Data may reflect higher values than those listed above.

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