

A woven geotextile fabric, produced from high-tenacity polypropylene slit-film. This high-modulus fabric is ideally suited for light-weight separation / stabilization applications. GTF 270 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	1201	N	270	lbs
Grab Elongation	ASTM D-4632	20/15	%	20/15	%
Trapezoid Tear	ASTM D-4533	445	N	100	lbs
CBR puncture	ASTM D-6241	4116	N	925	lbs
Permittivity	ASTM D-4491	0.050	sec ⁻¹	0.050	sec ⁻¹
A.O.S.	ASTM D-4751	0.425	mm	40	U.S. Sieve
UV Resistance (500 hrs)	ASTM D-4355	80	%	80	%
Water Flow Rate	ASTM D-4491	163	lpm/m ²	4	gpm/ft ²

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	200	g/m ²	5.9	oz/yd ²
Thickness	ASTM D-5199	.660	mm	26	mils

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

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Product Data Sheet

GTF 270