

A woven geotextile filter fabric, produced from high-tenacity polypropylene monofilament yarns. GTF400E is typically used in Subsurface Drainage or Permanent Erosion Control applications. GTF 400E 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	1647/1113	N	370 / 250	lbs
Wide Width Tensile (W/F)	ASTM D-4595	40/26	kN/m	225/145	lbs/in
Grab Elongation	ASTM D-4632	15/15	%	15/15	%
Trapezoid Tear	ASTM D-4533	445 / 267	N	100 / 60	lbs
CBR Puncture	ASTM D-6241	4228	N	950	lbs
UV Resistance (500 hrs)	ASTM D-4355	90	%	90	%
Permittivity	ASTM D-4491	0.280	sec ⁻¹	0.280	sec ⁻¹
Water Flow Rate	ASTM D-4491	733	lpm/m ²	18	gpm/ft ²
A.O.S.	ASTM D-4751	0.212	mm	70	U.S. Sieve
Percent Open Area	CW02215	4 to 6	%	4 to 6	%

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.

PROPERTY	TEST PROCEDURE	METRIC		ENGLISH	
		Typical		Typical	
Weight	ASTM D-5261	190	g/m ²	5.6	oz/yd ²
Thickness	ASTM D-5199	0.381	mm	15	mils

PACKAGING	METRIC			ENGLISH		
	AREA	WIDTH	LENGTH	AREA	WIDTH	LENGTH
Roll sizes	334 m ²	3.66 m	91.4 m	400 yd ²	12'	300'

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

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