

A woven geotextile filter fabric, produced from high-tenacity polypropylene monofilament yarns. GTF400EO is typically used in Subsurface Drainage or Permanent Erosion Control applications. GTF 400EO 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	1624 / 890	N	365 / 200	lbs
Wide Width Tensile (W/F)	ASTM D-4595	35/24	kN/m	200/140	lbs/in
Grab Elongation	ASTM D-4632	24/10	%	24/10	%
Trapezoid Tear	ASTM D-4533	512 / 334	N	115 / 75	lbs
CBR Puncture	ASTM D-6241	3004	N	675	lbs
UV Resistance (500 hrs)	ASTM D-4355	90	%	90	%
Permittivity	ASTM D-4491	2.10	sec ⁻¹	2.10	sec ⁻¹
Water Flow Rate	ASTM D-4491	5908	lpm/m ²	145	gpm/ft ²
A.O.S.	ASTM D-4751	0.425	mm	40	U.S. Sieve
Percent Open Area	CW02215	10	%	10	%

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	0.711	mm	28	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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