

# Product Data Sheet

## TPG400EO / SILT FENCE C

2M091200B400EOMM

**TPG400EO / SILT FENCE C** is a polypropylene woven geotextile silt fence. It is manufactured at one of Thrace Nonwovens & Geosynthetics SA facilities that have achieved **ISO 9001** certification for its systematic approach to quality, as well as **ISO 14001** for its safe environmental practices. It is resistant to commonly encountered soil chemicals, mildew and insects and is non-biodegradable.

PROPERTY	TEST METHOD	UNIT	VALUE
<b>MECHANICAL</b>			
Grab Tensile Strength (MD/CD)	ASTM D4632	lbf (kN)	370/180 (1.65/0.80)
Grab Elongation (MD/CD)	ASTM D4632	%	19/10
Trapezoidal Tear (MD/CD)	ASTM D4533	lbf (kN)	115/75 (0.51/0.33)
CBR Puncture Strength	ASTM D6241	lbf (kN)	675 (3.00)
<b>HYDRAULIC</b>			
Apparent Opening Size (AOS)	ASTM D4751	US Sieve (mm)	40 (0.425)
Permittivity	ASTM D4491	1/sec	2.1
Water Flow Rate	ASTM D4491	gpm/ft <sup>2</sup> (lt/m <sup>2</sup> /s)	154.6 (105)
Filtering Efficiency	ASTM D5141	%	>89
<b>PHYSICAL</b>			
Mass/Unit Area	ASTM D5261	oz/sq.yd (g/m <sup>2</sup> )	5.6 (190)
<b>ENDURANCE</b>			
UV Resistance	ASTM D4355	%	>80
<b>STANDARD PACKAGING</b>			
Roll Width		in (cm)	36 or 42 (91.5 or 106.5)
Roll Length		ft	500 (152.4)



**NOTES - DISCLAIMER:**

THRACE NONWOVENS & GEOSYNTHETICS SA reserves the right to alter product specifications without prior notice. It is the responsibility of all users to satisfy themselves that the above data are current.

- MD indicates Machine Direction and CD indicates Cross Direction
- All values listed are minimum average roll values (MARV), unless otherwise noted.
- AOS reported as maximum average value.

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- EN ISO 9001:2015
- EN ISO 14001:2015
- EN ISO 50001:2018
- EN ISO 45001:2018



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