

**Thrace-LINQ™**

MEMBER THRACE GROUP

# Product Data Sheet

**160EX**

A non-woven geotextile fabric supplied by Thrace-LINQ, Inc., is manufactured from Polypropylene staple fiber. The fibers are randomly oriented and form a cohesive / stabilized needle punched fabric for use in many applications, such as separation, drainage, filtration, etc. This fabric has been UV stabilized and is resistant to commonly encountered chemicals, mildew and insects found in soil.

<i>PROPERTY</i>	<i>TEST PROCEDURE</i>	<i>METRIC</i>		<i>ENGLISH</i>	
		MARV		MARV	
Grab Tensile Strength	ASTM D-4632	801	N	180	lbs
Grab Elongation	ASTM D-4632	50	%	50	%
Trapezoid Tear	ASTM D-4533	334	N	75	lbs
CBR Puncture	ASTM D-6241	2114	N	475	lbs
UV Stability (500 hrs)	ASTM D-4355	70	%	70	%
Permittivity	ASTM D-4491	1.5	sec <sup>-1</sup>	1.5	sec <sup>-1</sup>
Water Flow Rate	ASTM D-4491	4482	lpm/m <sup>2</sup>	110	gpm/ft <sup>2</sup>
A.O.S.	ASTM D-4751	0.150	mm	100	U.S. Sieve

**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.

<i>PROPERTY</i>	<i>TEST PROCEDURE</i>	<i>METRIC</i>		<i>ENGLISH</i>	
		Typical		Typical	
Weight	ASTM D-5261	237	g/m <sup>2</sup>	7.0	oz/yd <sup>2</sup>
Thickness	ASTM D-5199	2.159	mm	85	mils

<i>PACKAGING</i>	<i>METRIC</i>			<i>ENGLISH</i>		
	AREA	WIDTH	LENGTH	AREA	WIDTH	LENGTH
Roll sizes	418 m <sup>2</sup>	3.81 m	109.7 m	500 yd <sup>2</sup>	12.5'	360'
	418 m <sup>2</sup>	4.57 m	91.4 m	500 yd <sup>2</sup>	15'	300'

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

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself or herself as to the suitability and completeness of such information for his or her own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer any warranty against infringement.

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