

## 145EX

Thrace-LINQ® 145EX is a nonwoven geotextile fabric manufactured from Polypropylene staple fiber. The fibers are randomly oriented and form a cohesive/stabilized needlepunched fabric, for use in many applications. This fabric has been UV stabilized and is resistant to commonly encountered chemicals, mildew, and insects, found in soil.

PROPERTY	TEST PROCEDURE	METRIC		ENGLISH	
		MARV		MARV	
Grab Tensile Strength	ASTM-D4632	623	N	140	lbs
Grab Tensile Elongation	ASTM-D4632	50	%	50	%
Trapezoid Tear	ASTM-D4533	245	N	55	lbs
CBR Puncture	ASTM-D6241	1601	N	360	lbs
Permittivity	ASTM-D4491	1.5	sec <sup>-1</sup>	1.5	sec <sup>-1</sup>
WaterFlow Rate	ASTM-D4491	4482	l/min/m <sup>2</sup>	110	gpm/ft <sup>2</sup>
Apparent Opening Size (AOS )	ASTM-D4751	0.212	mm	70	USSieve
UV Stability @ 500 hrs	ASTM-D4355	70	%	70	%

- 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.

PACKAGING	METRIC				ENGLISH			
	Area	Width	Length	Est. Weight	Area	Width	Length	Est. Weight
	m <sup>2</sup>	m	m	kg	yd <sup>2</sup>	ft	ft	lbs
Roll Sizes	418	3.8	109.7	76	500	12.5	360	167
	502	4.6	109.7	91	600	15	360	201

*Physical properties reflect industry standards. Roll Data may reflect higher values than those listed above. Roll lengths and widths have a tolerance of +/- 1%.*

The property values listed above are effective 09/2012 and are subject to change without notice.

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 manufactured. 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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