

## 150EX

Thrace-LINQ® 150EX 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. Thrace-LINQ® 150EX meets AASHTO M288-06 Class 2 standards.

| PROPERTY                     | TEST PROCEDURE | METRIC |                      | ENGLISH |                     |
|------------------------------|----------------|--------|----------------------|---------|---------------------|
|                              |                | MARV   |                      | MARV    |                     |
| Grab Tensile Strength        | ASTM-D4632     | 712    | N                    | 160     | lbs                 |
| Grab Tensile Elongation      | ASTM-D4632     | 50     | %                    | 50      | %                   |
| Trapezoid Tear               | ASTM-D4533     | 267    | N                    | 60      | lbs                 |
| CBR Puncture                 | ASTM-D6241     | 1824   | N                    | 410     | 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     | 0.180  | mm                   | 80      | 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 |
|            | m2     | m     | m      | kg          | yd2     | ft    | ft     | lbs         |
| Roll Sizes | 418    | 3.8   | 109.7  | 90          | 500     | 12.5  | 360    | 199         |
|            | 418    | 4.6   | 91.4   | 91          | 500     | 15    | 300    | 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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