

## TerraGrid® 80

TerraGrid® uniaxial geogrids are made up of high tenacity polyester yarns with a polymer coating. They are non-biodegradable and resistant to most soil chemicals, acids, and alkalis with a pH range of 4 to 9. TerraGrid® geogrids are manufactured to meet or exceed the following physical properties:

| Property                                       | Test Method      | English      | Metric               |
|------------------------------------------------|------------------|--------------|----------------------|
| <b>TENSILE PROPERTIES</b>                      |                  |              |                      |
| Ultimate Strength <sup>1 2</sup>               | ASTM D6637       | 7,550 lbs/ft | 110.2 kN/m           |
| Creep Limited Strength <sup>1</sup>            | ASTM D5262/D6992 | 5,000 lbs/ft | 73.0 kN/m            |
| <b>LONG TERM DESIGN STRENGTH<sup>1 3</sup></b> |                  |              |                      |
| Sand, Silt, Clay                               |                  | 4,329 lbs/ft | 63.2 kN/m            |
| <b>STANDARD PACKAGING<sup>1 12</sup></b>       |                  |              |                      |
| Width                                          |                  | 12 ft        | 3.66 m               |
| Length                                         |                  | 150 ft       | 45.7 m               |
| Area                                           |                  | 200 SY       | 167.2 m <sup>2</sup> |

1. Machine Direction (MD) strength (uniaxial strength)
2. Unless denoted otherwise, values represent Minimum Average Roll Values (MARVs) in the machine direction determined in accordance with ASTM D4759-02
3. LTDS or Tal = Tult / (RF creep 1.51 x RF installation damage 1.1 x RF durability 1.05), soil pH 4-9, 75 year design life
4. Hanes Geo reserves the right to change this specification at any time. The user is responsible to verify/use/reference the latest Product Data Sheet.

**DISCLAIMER:** Descriptions regarding the products described herein are based solely upon information provided by the manufacturer and are provided for informational purposes only. **NOTHING CONTAINED HEREIN SHOULD BE CONSTRUED AS CREATING AN EXPRESSED OR IMPLIED WARRANTY, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS, EACH OF WHICH IS HEREBY DISCLAIMED. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.** The final determination as to the suitability of any product of Hanes Geo Components in any particular application rests solely with the user. Hanes Geo Components reserves the right to alter or modify its products and descriptions at any time without notice.