HANES GEO COMPONENTS

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# TerraGrid® 180

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 |
|---|---|---|---|
| TENSILE PROPERTIES [1 2 5] | | | |
| Ultimate Strength | ASTM D6637 | 14,500 lbs/ft | 211.6 kN/m |
| Creep Limited Strength | ASTM D5262/D6992 | 9,602 lbs/ft | 140.1 kN/m |
| LONG TERM DESIGN STRENGTH [1 3 5] | | | |
| Sand, Silt, Clay | | 8,314 lbs/ft | 121.3 kN/m |
| STANDARD PACKAGING [4 5] | | | |
| Width | | 12 ft | 3.66 m |
| Length | | 150 ft | 45.7 m |
| Area | | 200 sy | 167.2 sm |

1. Machine Direction (MD) strength (uniaxial); SR18 and 20B list Machine Direction (MD) strength x Cross Direction (CD) strength (biaxial)
2. Unless noted 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 x RF installation damage x RF durability) for Sand/Silt/Clay fill, pH 3-9, 75 year Design Life
4. Nominal values
5. 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.

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