HANES GEO COMPONENTS

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TerraGrid® SR18

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	1,700 x 1,400 lbs/ft	24.8 x 20.4 kN/m
Creep Limited Strength	ASTM D5262/D6992	1,125 x 927 lbs/ft	16.4 x 13.5 kN/m
LONG TERM DESIGN STRENGTH [1 3 5]			
Sand, Silt, Clay		930 x 766 lbs/ft	13.6 x 11.2 kN/m
STANDARD PACKAGING [4 5]			
Width		8 ft	2.43 m
Length		150 ft	45.7 m
Area		133.3 sy	111.5 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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