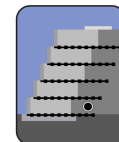




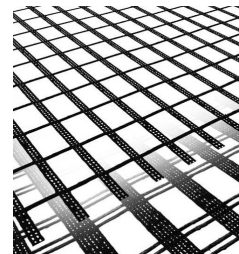
SGU80

Uni-Axial Knitted Geogrid

RETAINING WALL



STRATAGRID SGU80 (formerly SG350) is engineered to be mechanically and chemically durable, in both the harsh construction installation phase and in aggressive soil environments (pH range from 3-9). STRATAGRID SGU80 meets the following properties:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Ultimate Tensile Strength	<u>ASTM D-6637</u>	5,482 lbs/ft	80 kN/m
Creep Limited Strength ⁽¹⁾		3,807 lbs/ft	55.6 kN/m
(LTDS) Long Term Design Strength (sand/silt/clay)		3,146 lbs/ft	45.9 kN/m
Partial Factor -Environmental Effects Environment, 3 < pH < 9	GRI-GG7, GRI-GG8)	1.1 RFd	1.1 RFd
Partial Factor -Installation Damage (sand/silt/clay)	ASTM D 5818	1.1 RFid	1.1 RFid
Reduction Factor - Creep (@20°C, 114 years design life)		1.44	1.44

SGU80 Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
6.25' x 288'	12"	6.25'	120 lbs	200 y ²	264
12.5' x 288'	14"	12.5'	253 lbs	400 y ²	169

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