

SGU80 Uni-Axial Knitted Geogrid

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	ASTM D-6637	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 y²	264
12.5' x 288'	14"	12.5'	253 lbs	400 y²	169

RETAINING WALL