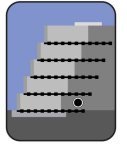




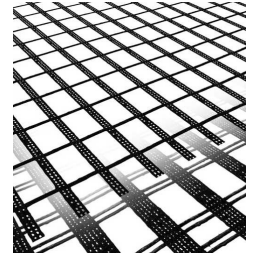
SGU250

Uni-Axial Knitted Geogrid

RETAINING WALL



STRATAGRID SGU250 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 SGU250 meets the following properties:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Ultimate Tensile Strength	<u>ASTM D-6637</u>	17,987 x 2,158 lbs/ft	262.5 x 31.5 kN/m
Creep Limited Strength		12,578 lbs/ft	183.6 kN/m
(LTDS) Long Term Design Strength (sand/silt/clay)	GRI-GT7	10,318.3 lbs/ft	150.6 kN/m
Partial Factor -Environmental Effects Environment, 3 < pH < 9	GRI-GG7, GRI-GG8)	1.15 RFd	1.15 RFd
Partial Factor -Installation Damage (sand/silt/clay)	ASTM D 5818	1.06 RFid	1.06 RFid
Reduction Factor - Creep @20°C, 120 years design life		1.43	1.43

SGU250 Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
12.5' x 288'	19"	12.5'	520 lbs	400 y ²	68

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