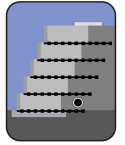




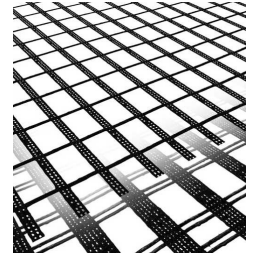
SGU150

Uni-Axial Knitted Geogrid

RETAINING WALL



STRATAGRID SGU150 (formerly SG650) 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). SGU150 meets the following properties:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Ultimate Tensile Strength	<u>ASTM D-6637</u>	10,278 lbs/ft	150 kN/m
Creep Limited Strength		7,138 lbs/ft	104.2 kN/m
(LTDS) Long Term Design Strength (sand/silt/clay)		5,899 lbs/ft	86.1 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

SGU150 Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
6.25' x 288'	15"	6.25'	181 lbs	200 y ²	198
12.5' x 288'	15"	12.5'	374 lbs	400 y ²	114

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