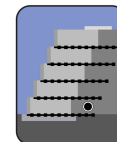




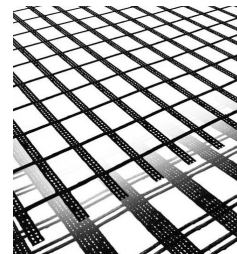
SGU400

Uni-Axial Knitted Geogrid

RETAINING WALL



STRATAGRID SGU400 (formerly sg1400) 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 SGU400 meets the following properties:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Ultimate Tensile Strength	<u>ASTM D-663</u>	27,408 lbs/ft	400 kN/m
Creep Limited Strength		19,033 lbs/ft	258.1 kN/m
(LTDS) Long Term Design Strength (sand/silt/clay)		16,324 lbs/ft	238.2 kN/m
Partial Factor -Environmental Effects Environment, $3 < \text{pH} < 9$	GRI-GG7, GRI-GG8)	1.1 RFd	1.1 RFd
Partial Factor -Installation Damage (sand/silt/clay)	ASTM D 5818	1.06 RFid	1.06 RFid
Reduction Factor - Creep (@20°C, 114 years design life)		1.44	1.44

SGU400 Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
12.5' x 288'	20"	16.4'	727 lbs	400 y ²	59

US Fabrics, Inc. | 3904 Virginia Avenue | Cincinnati, OH 45227

Phone: (800) 518-2290 | Fax: (513) 271-4420 | email: info@usfabrics.com

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