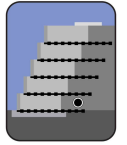




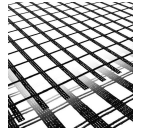
# SGB30

## Bi-Axial Knitted Geogrid

RETAINING WALL



STRATAGRID SGB30 (formerly SG150) meets the following properties:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Ultimate Tensile Strength	<u>ASTM D-6637</u>	2,055 x 2,055 lbs/ft	30 x 30 kN/m
Creep Limited Strength		1,427 x 1,427 lbs/ft	20.8 x 20.8 kN/m
(LTDS) Long Term Design Strength (sand/silt/clay)		1,212 x 1,212 lbs/ft	17.7 x 17.7 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	1.07 RFid	1.07 RFid
Reduction Factor - Creep @20°C, 114 years design life		1.44	1.44

## SGB30 Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
6.25' x 144'	8"	6.25'	45 lbs	100 y <sup>2</sup>	950
12.5' x 144'	11"	12.5'	97 lbs	200 y <sup>2</sup>	340

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