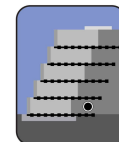




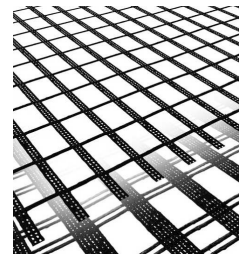
## SGU60

### Uni-Axial Knitted Geogrid

RETAINING WALL



STRATAGRID SGU60 (formerly SG200) 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 SGU60 meets the following properties:



| PROPERTY   | TEST METHOD        | ENGLISH      | METRIC    |
|--|--------------------|--------------|-----------|
| Ultimate Tensile Strength  | <u>ASTM D-6637</u> | 4,111 lbs/ft | 60 kN/m   |
| Creep Limited Strength   |                    | 2,855 lbs/ft | 41.7 kN/m |
| (LTDS) Long Term Design Strength (sand/silt/clay)                      |                    | 2,359 lbs/ft | 34.4 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        | 1.1 RFid     | 1.1 RFid  |
| Reduction Factor - Creep (@20°C, 114 years design life)                |                    | 1.44         | 1.44      |

## SGU60 Shipping & Packaging Information

| SIZE         | DIAMETER | WIDTH | WEIGHT  | AREA               | ROLLS PER TRAILER |
|--------------|----------|-------|---------|--------------------|-------------------|
| 6.25' x 288' | 10"      | 6.25' | 94 lbs  | 200 y <sup>2</sup> | 352               |
| 12.5' x 288' | 12"      | 12.5' | 202 lbs | 400 y <sup>2</sup> | 212               |

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

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

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