



Synteon Technical Fabrics, Inc.

# SYNTEEN SC20K HIGH STRENGTH POLYESTER GEOTEXTILE FABRICS

**SC20K** is composed of high molecular weight, high tenacity multifilament polyester yarns that are woven into a stable network placed under tension. Synteon SC Fabrics are inert to biological degradation and are resistant to naturally encountered chemicals, alkalis and acids.

### SC20K APPLICATIONS

Reinforced Slopes

Retaining Walls

Road and Embankments Construction

Geotextile Tubes

Soft Soil Subgrade Stabilization

Landfill, Lagoon and Sludge Pond Closures

Geosynthetic Horizontal Drains

| REINFORCEMENT PROPERTIES           |    | TEST METHOD  | MARV VALUES |       |
|------------------------------------|----|--------------|-------------|-------|
|                                    |    |              | Lbs/ft      | kN/m  |
| Ultimate Tensile Strength          | MD | ASTM D 4595  | 20,400      | 297.5 |
| Tensile Strength at 5% Strain      | MD | ASTM D 4595  | 8,544       | 124.6 |
| Creep Reduced Strength             | MD | ASTM D 5262  | 12,671      | 184.8 |
| Long Term Design Strength          | MD | GRI GT-7     | 9,762       | 142.4 |
| Ultraviolet Resistance (500 Hours) |    | ASTM D 4355  | 65 %        |       |
| PHYSICAL PROPERTIES                |    | UNIT         | VALUES      |       |
| Roll Dimensions (width x length)   |    | Feet         | 15' x 300'  |       |
| Roll Area                          |    | Square Yards | 500         |       |

RF Creep - 1.61

RF Durability - 1.10

RF Installation Damage - 1.18

**SYNTEEN Technical Fabrics, Inc Warranty:** Synteon Technical Fabrics warrants our products to be free from defects in material and workmanship when delivered to our customers and that our products meet our published specifications. If a product is found to be defective, and our customer gives notice to Synteon Technical Fabrics before installing the product, Synteon Technical Fabrics will replace the product without charge to our customer or refund the purchase price at Synteon Technical Fabrics election. Replacing the product or obtaining a refund are the buyer's sole remedy for a breach and Synteon Technical Fabrics will not be liable for any consequential damage attributed to a defective product. This warranty is given in lieu of all other warranties, express or implied, including the implied warranty of merchantability or fitness for a particular purpose. There are no warranties which extend beyond the description provided herein.