

Technical Datasheet

Lotrak[®] 20/20S is a Premium Biaxial Geogrid designed and manufactured to provide ground stabilisation and reinforcement. High strength, combined with low elongation provides effective reinforcement. The aperture design of the geogrid allows the aggregate to interlock and encourages load dispersal, particularly in applications such as paved/unpaved roads and working platforms to name a few.

| TEST | STANDARD | | Lotrak [®] 20/20S |
|-----------------------------------|---|--------------|----------------------------|
| Tensile Strength (kN/m) | EN ISO 10319 | MD | 20 |
| | | CD | 20 |
| Tensile Strength at 2% strain (%) | EN ISO 10319 | MD | 7 |
| | | CD | 7 |
| Tensile Strength at 5% strain (%) | EN ISO 10319 | MD | 14 |
| | | CD | 14 |
| Elongation at max. load (%) | EN ISO 10319 | MD | 15 |
| | | CD | 11 |
| PHYSICAL ATTRIBUTES | | | |
| Grid Spacing/Aperture (mm) | caliper | | 36 x 36 |
| Rib Thickness (mm) | caliper | MD/CD | 1.3/0.9 |
| Rib Width (mm) | caliper | MD/CD | 2.6/2.8 |
| Junction Height (mm) | caliper | | 3.3 |
| Carbon Black (%) | ASTM D1603 | | ≥2 |
| Effect of UV Light | The polypropylene (PP) used contains a UV inhibitor | | |
| Roll Size (m) | | | 3.95 x 50 |

All products are manufactured under BS EN ISO 9001.

Notes & Declaration

Please note that the product is to be covered within 1 month of installation. Lotrak range of geogrids are predicted to be **durable for more than 100 years** in soil temperatures ≤ 25°. The Lotrak[®] range of geogrids are resistant to highly acid and alkaline environments on the basis of a durability assessment. In regard to dangerous substances, Don & Low Lotrak[®] geogrids contain less than required by national regulations in EU member states.

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