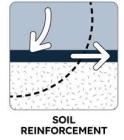


MIRAGRID XT Uniaxial Geogrid



Retaining walls and slopes

MIRAGRID XT are uniaxial geogrids featuring high strength, high tenacity, and high molecular weight. They are constructed of woven polyester with a polymer coating for applications where long-term design strength (LTDS) is necessary.

FEATURES AND BENEFITS

- NTPEP evaluated
- No recoiling
- Flexible and tough
- Lightweight
- Cost effective
- Standard & custom rolls
- High Long Term Design Strengths (LTDS)

APPLICATIONS

- MSE walls
- Steep reinforced slopes
- Reinforcement in landfill applications
- Embankments

| Properties | Test Method | Units | 2XT* | 3XT | 5XT | 7XT | 8XT | 10XT | 20XT | 22XT | 24XT |
|---|----------------------------------|-----------------|----------------|----------------|----------------|----------------|-----------------|------------------|------------------|------------------|------------------|
| Wide Width Tensile Strength @ Ultimate (MD) | ASTM D6637 | lb/ft (kN/m) | 2300 (33.6) | 3650 (53.3) | 4700 (68.6) | 6300 (91.9) | 7600 (110.9) | 10200 (148.8) | 16000 (233.5) | 21000 (306.4) | 28000 (408.5) |
| Creep Reduced Strength (MD) | ASTM D5262 | lb/ft (kN/m) | 1597 (23.3) | 2535 (35.5) | 3264 (47.6) | 4375 (63.8) | 5278 (77.0) | 7083 (103.3) | 11111 (167.2) | 14583 (212.8) | 19444 (283.7) |
| Long Term Design Strength (MD) | GRI-GG4(b) (sand, silt, clay) | lb/ft (kN/m) | 1383 (20.2) | 2195 (32.0) | 2826 (41.2) | 3788 (55.3) | 4570 (66.7) | 6133 (89.5) | 9620 (140.4) | 12626 (184.2) | 16835 (245.6) |

NOTES

All mechanical properties and hydraulic properties shown are Minimum Average Roll Values (MARV).

MD: Machine Direction, CD: Cross-Machine Direction

*MIRAGRID 2XT is biaxial. All other MIRAGRID XT geogrids are uniaxial.