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.