

GSE TRxNet Geonet

GSE TRxNet geonet is produced with a unique one-step coextrusion process that generates a bi-planar geonet structure with creep resistant columns connected to an intrusion resistant roof. GSE TRxNet achieves high in-situ transmissivity from optimally oriented flow channels that maintain porosity because of the creep resistant nature of the bi-planar structure. This product provides continuous performance over a broad range of conditions. It is also well suited for use in surface water collection and removal systems, gas venting, and landfill drainage applications.



AT THE CORE:
A high flow geonet that provides durable performance over a broad range of conditions.

Product Specifications

Tested Property	Test Method	Frequency	Minimum Average Roll Value
Geonet Thickness ⁽¹⁾ , mil	ASTM D 5199	1/50,000 ft ²	300
Transmissivity ⁽²⁾ , gal/min/ft (m ² /sec)	ASTM D 4716	1/540,000 ft ²	43.5 (9.0 x 10 ⁻³)
Density, g/cm ³	ASTM D 1505	1/50,000 ft ²	0.94
Tensile Strength ⁽³⁾ , lb/in	ASTM D 7179	1/50,000 ft ²	75
Carbon Black Content, %	ASTM D 4218	1/50,000 ft ²	2.0
NOMINAL ROLL DIMENSIONS ⁽⁴⁾			
Roll Width, ft			15
Roll Length, ft			200
Roll Area, ft ²			3,000

NOTES:

- ⁽¹⁾Geonet thickness is nominal value.
- ⁽²⁾Gradient of 0.1, normal load of 10,000 psf, water at 70°F between steel plates for 15 minutes. Contact GSE for performance transmissivity data for use in design.
- ⁽³⁾Tested in machine direction (MD).
- ⁽⁴⁾Roll widths and lengths have a tolerance of ±1%.

GSE is a leading manufacturer and marketer of geosynthetic lining products and services. We've built a reputation of reliability through our dedication to providing consistency of product, price and protection to our global customers.

Our commitment to innovation, our focus on quality and our industry expertise allow us the flexibility to collaborate with our clients to develop a custom, purpose-fit solution.



[DURABILITY RUNS DEEP] For more information on this product and others, please visit us at GSEworld.com, call 800.435.2008 or contact your local sales office.