

# GSE TRxNet Geonet

## METRIC

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 <sup>(1)</sup> , mm	ASTM D 5199	1/4,600 m <sup>2</sup>	7.6
Transmissivity <sup>(2)</sup> , m <sup>2</sup> /sec	ASTM D 4716	1/50,000 m <sup>2</sup>	9 x 10 <sup>-3</sup>
Density, g/cm <sup>3</sup>	ASTM D 1505	1/4,600 m <sup>2</sup>	0.94
Tensile Strength <sup>(3)</sup> (MD), N/mm	ASTM D 7179	1/4,600 m <sup>2</sup>	13.3
Carbon Black Content, %	ASTM D 4218	1/4,600 m <sup>2</sup>	2.0
NOMINAL ROLL DIMENSIONS <sup>(4)</sup>			
Roll Width, m			4.57
Roll Length, m			60.9
Roll Area, m <sup>2</sup>			278.3

### NOTES:

- <sup>(1)</sup>Geonet thickness is nominal value.
- <sup>(2)</sup>Gradient of 0.1, normal load of 480 kPa, water at 21°C between steel plates for 15 minutes. Contact GSE for performance transmissivity data for use in design.
- <sup>(3)</sup>Tested in machine direction (MD).
- <sup>(4)</sup>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](http://GSEworld.com), call 800.435.2008 or contact your local sales office.