

# GSE HyperNet TRx Geonet

GSE HyperNet TRx geonet is produced with a unique one-step coextrusion process that generates a tri-axial geonet structure with creep resistant columns connected to an intrusion resistant roof. GSE HyperNet TRx achieves high in-situ transmissivity from optimally oriented flow channels that maintain porosity because of the creep resistant nature of the tri-axial 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
Transmissivity <sup>(1)</sup> , gal/min/ft (m <sup>2</sup> /sec)	ASTM D 4716	1/540,000 ft <sup>2</sup>	43.5 (9.0 x 10 <sup>-3</sup> )
Density, g/cm <sup>3</sup>	ASTM D 1505	1/50,000 ft <sup>2</sup>	0.94
Tensile Strength <sup>(2)</sup> , lb/in	ASTM D 5035/7179	1/50,000 ft <sup>2</sup>	75
Carbon Black Content, %	ASTM D 1603 <sup>(4)</sup> /4218	1/50,000 ft <sup>2</sup>	2.0
NOMINAL ROLL DIMENSIONS			
Geonet Thickness, mil	ASTM D 5199	1/50,000 ft <sup>2</sup>	300
Roll Width <sup>(3)</sup> , ft			15
Roll Length <sup>(3)</sup> , ft			200
Roll Area, ft <sup>2</sup>			3,000

NOTES:

- <sup>(1)</sup>This is an index transmissivity value measured at stress = 1,000 psf; gradient = 0.1; time = 15 minutes; boundary conditions = plate/geonet/plate. Contact GSE for performance transmissivity value for use in design.
- <sup>(2)</sup>Tested in machine direction (MD).
- <sup>(3)</sup>Roll widths and lengths have a tolerance of ±1%.
- <sup>(4)</sup>Modified.

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.