



The Pioneer Of Geosynthetics  
S I N C E 1 9 7 2

## GSE HyperNet TRxH Geonet

GSE HyperNet TRxH (Tri-axial High Flow) 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. HyperNet TRxH achieves high in-situ transmissivity from optimally oriented flow channels that maintain porosity because of the intrusion and creep resistant nature of the tri-axial structure. HyperNet TRxH is well suited for use in surface water collection and removal systems, gas venting as well as landfill liner system drainage applications.

### Product Specifications

TESTED PROPERTY	TEST METHOD	FREQUENCY	MINIMUM AVERAGE VALUE
<b>Geonet – GSE HyperNet TRxH</b>			
Transmissivity <sup>(1)</sup> , gal/min/ft (m <sup>2</sup> /sec)	ASTM D 4716	1/540,000 ft <sup>2</sup>	48.0 (1.0 x 10 <sup>-2</sup> )
Density, g/cm <sup>3</sup>	ASTM D 1505	1/50,000 ft <sup>2</sup>	0.94
Tensile Strength (MD), lb/in (N/mm)	ASTM D 5035/7179	1/50,000 ft <sup>2</sup>	80 (14.2)
Carbon Black Content, %	ASTM D 1603*/4218	1/50,000 ft <sup>2</sup>	2.0
<b>NOMINAL ROLL DIMENSIONS</b>			
Geonet Thickness, mil (mm)	ASTM D 5199	1/50,000 ft <sup>2</sup>	340 (8.6)
Roll Width <sup>(2)</sup> , ft (m)			15 (4.5)
Roll Length <sup>(2)</sup> , ft (m)			200 (60)
Roll Area, ft <sup>2</sup> (m <sup>2</sup> )			3,000 (279)

#### NOTES:

- <sup>(1)</sup> Tested in Machine Direction (MD). Gradient of 0.1, normal load of 1,000 psf, water at 70° F between steel plates for 15 minutes. Contact GSE for performance transmissivity value for use in design.
- <sup>(2)</sup> Roll widths and lengths have a tolerance of ±1%.
- \*Modified.