

GSE HyperNet Geonet

GSE HyperNet geonet is a synthetic drainage material manufactured from a premium grade high density polyethylene (HDPE) resin. The structure of the GSE HyperNet geonet is formed specifically to transmit fluids uniformly under a variety of field conditions. The geonet is formulated to be resistant to ultraviolet light for a period of time necessary to complete the installation.



AT THE CORE:
A synthetic geonet engineered specifically to transmit fluids consistently under a variety of field conditions.

Product Specifications

| Tested Property | Test Method | Frequency | Minimum Average Roll Value | | | |
|--|----------------------------------|---------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|
| | | | HyperNet | HyperNet HF | HyperNet HS | HyperNet UF |
| Transmissivity ⁽¹⁾ , gal/min/ft (m ² /sec) | ASTM D 4716 | 1/540,000 ft ² | 9.66 (2 x 10 ⁻³) | 14.49 (3 x 10 ⁻³) | 28.98 (6 x 10 ⁻³) | 38.64 (8 x 10 ⁻³) |
| Density, g/cm ³ | ASTM D 1505 | 1/50,000 ft ² | 0.94 | 0.94 | 0.94 | 0.94 |
| Tensile Strength (MD), lb/in | ASTM D 5035/7179 | 1/50,000 ft ² | 45 | 55 | 65 | 75 |
| Carbon Black Content, % | ASTM D 1603 ⁽³⁾ /4218 | 1/50,000 ft ² | 2.0 | 2.0 | 2.0 | 2.0 |
| NOMINAL ROLL DIMENSIONS | | | | | | |
| Geonet Thickness, mil | ASTM D 5199 | 1/50,000 ft ² | 200 | 250 | 275 | 300 |
| Roll Width ⁽²⁾ , ft | | | 15 | 15 | 15 | 15 |
| Roll Length ⁽²⁾ , ft | | | 330 | 290 | 270 | 250 |
| Roll Area, ft ² | | | 4,950 | 4,350 | 4,050 | 3,750 |

NOTES:

- ⁽¹⁾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 value for use in design.
- ⁽²⁾Roll widths and lengths have a tolerance of ±1%.
- ⁽³⁾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, call 800.435.2008 or contact your local sales office.