

GSE HyperNet Biplanar Geonet 3.8 - 6.35 mm



GSE HyperNet is a synthetic drainage material manufactured from a 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.

AT THE CORE:

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

Product Specifications

Tested Property	Test Method	Unit			
Technical Characteristics					
Density ^(c)	ASTM D792	g/cm ³	≥ 0.940	≥ 0.940	≥ 0.940
Geonet Thickness ^(c)	ASTM D5199	mm	3.8	4.6	6.35
Tensile Strength MD ^(a,c)	ASTM D7179	kN/m	3.8	6.5	9.6
Carbon Black Content ^(c)	ASTM D1603	%	2.0	2.0	2.0
Transmissivity ^(a,b,c)	20kPa	ASTM D4716	m ² /s	1.07E-03	1.35E-03
	100kPa			9.70E-04	1.16E-03
	200kPa			8.30E-04	1.05E-03
Roll Dimensions					
Roll Width (approx.) ^(d)		m	3.9	3.9	3.9
Roll Length (approx.) ^(d)		m	100	100	100
Roll Area (approx.) ^(d)		m ²	390	390	390
Truck Load		Roll	24	18	15
Container Load		Roll	24	18	15

NOTES:

- (a): Machine direction;
- (b): Transmissivity values determined at i=1.0 and 2.0mm HDPE linear boundary condition. Water @ 21±2°C;
- (c): Minimum average value
- (d): Roll Length/Roll width is custom-made

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.



RELIABILITY RUNS DEEP For more information on this product and others, please visit us at GSEworld.com, call 66.2.937.0091 or contact your local sales office.

