INTERNATIONAL COVER SYSTEMS

Geocomposite Drainage Net 160

Geocomposite Drainage Nets provide a variety of benefits including their light weight, quality-controlled construction, easy installation and serving as an environmentally friendly solution to traditional drainage materials. Drainage Nets are composed of a three dimensional bi-planer Geonet, laminated to a non-woven Geotextile which serves as both a cushion and filter to prevent the net from clogging. These products come in a very wide variety of thicknesses and Geotextile combinations with custom products available.

- Erosion control
- Landfill Leachate Collection
- Caps and Closures
- Pond Leak Detection
- Foundation Wall Drainage
- Leak Detection
- Methane Gas Collection
- Roadway and Pavement Drainage

Certified Properties	ASTM		
GEONET			
Thickness (mil)	D-5199	150	150
Carbon Black (%)	D-4218	2.00	2.00
Tensile Strength (lb/in)	D-7179	30	30
Melt Flow (g/10 min)	D-1238	1.00	1.00
Density (g/cm^3)	D-1505	0.94	0.94
Transmissivity (gal/min/ft (m^2/sec))	D-4716	4.83 ($1.0x10^{-3}$)	4.83 ($1.0x10^{-3}$)
GEOCOMPOSITE		**6 oz/yd²**	**8 oz/yd²**
Ply Adhesion (lb/in)	D-7005	1.00	1.00
Transmissivity DS (gal/min/ft (m^2/sec))	D-4716	**TN 160-2-6** 0.48 ($1.0x10^{-4}$)	**TN 160-2-8** 0.48 ($1.0x10^{-4}$)
Transmissivity SS (gal/min/ft (m^2/sec))	D-4716	**TN 160-1-6** 2.42 ($5.0x10^{-4}$)	**TN 160-1-8** 2.42 ($5.0x10^{-4}$)
GEOTEXTILE			
Fabric Weight (oz/yd^2)	D-5261	6	8
Grab Tensile (lb)	D-4632	160	225
Grab Elongation (%)	D-4632	50	50
Trapezoid Tear (lb)	D-4533	65	90
CBR Puncture (lb)	D-6241	450	600
Water Flow (gpm/ft^2)	D-4491	125	100
Permittivity (sec^{-1})	D-4491	1.63	1.26
Permeability (cm/sec)	D-4491	0.30	0.30
AOS (US Sieve)	D-4751	70	80