Geo Products, LLC

For cost-effective performance - EnviroGrid® is the logical choice worldwide

www.geoproducts.org

Landscape Architecture
- Driveways
- Gardens - natural - rock
- Environmentally sensitive areas using native infill
- Slope erosion
- Cart Paths, Walkways
- Maintenance Roads
- Grass Parking Lots

Civil Engineering Construction • Landfill
- Structural Supports, Foundations
- Roadways, Walkways
- Retaining Walls - Composite, Gravity, Free Standing
- Pipeline & Sewer Support
- Railroad Track Support
- Water Crossings
- Boat Ramps

Erosion Control
- Re-vegetation (slopes)
- Berms
- Channel Liners
- Scour Aprons/Drop Structures
- Revetments
- Shoreline Protection
- Spillways/Chutes

Other Applications
- Replace board roads for permanent roadways to remote locations
- Pipeline applications - support & erosion
- Structural support for camps & heavy equipment
- Levees
- Field Parking Lots
- Water Crossings

Projects completed on all continents
**ENVIROGRID PROPERTIES**

**MATERIAL:** The polymer used to manufacture EnviroGrid shall be virgin, non-thermally degraded high-density polyethylene. The EnviroGrid strips shall conform to the following requirements:

<table>
<thead>
<tr>
<th>MATERIAL PROPERTIES</th>
<th>TEST METHOD</th>
<th>UNIT</th>
<th>TEST VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Polymer Density</td>
<td>ASTM D-1505</td>
<td>g/cm³</td>
<td>.940 (58.7)</td>
</tr>
<tr>
<td>Environmental Stress Crack Resistance</td>
<td>ASTM D-1693</td>
<td>hrs</td>
<td>4000</td>
</tr>
<tr>
<td>Carbon Black Content</td>
<td>ASTM D-1603</td>
<td>% by weight</td>
<td>1.5% minimum</td>
</tr>
<tr>
<td>Nominal Sheet Thickness</td>
<td>ASTM D-5199</td>
<td>mm (mils)</td>
<td>1.25 (50)±5%</td>
</tr>
</tbody>
</table>

**SEAM STRENGTH:**


Seam Hang Strength – A 102 mm (4.0 in.) weld joint supporting a load of 72.5 kg (160 lbs.) for 30 days minimum or a 102 mm (4.2 in.) weld joint supporting a load of 72.5 kg (160 lbs.) for 7 days minimum while undergoing temperature change from 23°C (74°F) to 54°C (130°F) on a 1 hour cycle.

**ASSEMBLY:** Envirogrid is manufactured in three cell sizes:

- **EGA2O** 8.4' x 21.4' (2.56m x 6.52m)
- **EGA3O** 8.4' x 27.4' (2.56m x 8.35m)
- **EGA4O** 8.4' x 45' (2.56m x 13.72m)

EnviroGrid panels can be provided in cell heights of 2” (50 mm), 3” (75 mm), 4” (100 mm), 6” (150 mm), 8” (200 mm), 10” (250 mm) and 12” (300 mm). Standard panels are constructed of 58 strips with the dimensions above.

Custom sizes and colors are available.

Available in solid or perforated cell wall.

Geo Products provides this information only as an accommodation to our customers. No warranty or other representation regarding the suitability of the application procedure is made due to the fact that each installation has specific requirements that may not have been considered in this generalized procedure.

Geo Products makes no warranties or representations regarding the suitability of its EnviroGrid for specific uses or applications. Our liability is limited to furnishing, without charge, a replacement for any EnviroGrid section that is proven defective under normal use and service.

Geo Products Quality System is registered to ISO 9001:2000