RhinoMat® 750 Applications:

**Containment:**
- Agriculture & Aquaculture
- Mining & Energy
- Secondary Containment
- Wastewater Lagoons
- Landfill Covers

**Retention:**
- Golf Course Ponds
- Stormwater Management
- Irrigation Storage
- Canal Liners
- Potable Water Reservoirs

RhinoMat® 750 conforms to the properties below, and is manufactured at an Owens Corning facility having achieved ISO 9001:2000 certification. Owens Corning tests RhinoMat® 750 both through independent, third party laboratories, and through internal quality control testing in laboratories accredited through the Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>TEST/METHOD</th>
<th>TYPICAL VALUE</th>
<th>MIN AVE. ROLL VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>ASTM D5261</td>
<td>18 oz/yd²</td>
<td>410 kg/m²</td>
</tr>
<tr>
<td>Thickness</td>
<td>ASTM D3357</td>
<td>0.5 mil</td>
<td>1.2 mm</td>
</tr>
<tr>
<td>Strip Tensile Strength (MD)</td>
<td>ASTM D7003</td>
<td>56 lb</td>
<td>250 N</td>
</tr>
<tr>
<td>Strip Tensile Strength (CD)</td>
<td>ASTM D7003</td>
<td>94 lb</td>
<td>418 N</td>
</tr>
<tr>
<td>Hydrostatic Resistance</td>
<td>ASTM D751</td>
<td>550 lb/in²</td>
<td>3800 kPa</td>
</tr>
<tr>
<td>Dimensional Stability</td>
<td>ASTM D1204</td>
<td>1.5%</td>
<td>1.5%</td>
</tr>
<tr>
<td>Water Vapor Transmission</td>
<td>ASTM E96</td>
<td>0.09 g/m²-day</td>
<td>0.09 g/m²-day</td>
</tr>
<tr>
<td>Tensile Tear (MD)</td>
<td>ASTM D5884</td>
<td>56 lb</td>
<td>250 N</td>
</tr>
<tr>
<td>Tensile Tear (CD)</td>
<td>ASTM D5884</td>
<td>64 lb</td>
<td>290 N</td>
</tr>
<tr>
<td>Seam Strength (Shear)</td>
<td>ASTM D7747</td>
<td>100 lb</td>
<td>445 N</td>
</tr>
<tr>
<td>Hydraulic Conductivity</td>
<td>ASTM E96</td>
<td>1.0 x 10⁻¹⁴ cm/sec</td>
<td>1.0 x 10⁻¹⁴ cm/sec</td>
</tr>
<tr>
<td>Accelerated UV Weathering</td>
<td>ASTM D164</td>
<td>&gt; 90%</td>
<td>&gt; 90%</td>
</tr>
<tr>
<td>Low Temperature Brittleness</td>
<td>ASTM D2136</td>
<td>Pass (−60°F)</td>
<td>Pass (−51°C)</td>
</tr>
</tbody>
</table>

Effective Date: June 1, 2017

Notes:
- Typical values represent average test result for the sample size, with ± 10% variance
- Minimum Average Roll Values (MARV) are shown (unless otherwise noted), in accordance with GRI-GM30
- Dimensional Stability and Water Vapor Transmission values shown are maximum test result values
- Test samples were exposed to UV radiation using this method prior to evaluating changes in material properties
- Test values reflect single track weld angle testing at approximately 70°F and 70°F.
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For water retention, containment, aquaculture, pond and canal lining applications

**For applications where retention and containment are critical, the durable, stress crack resistant, lightweight construction of RhinoMat® 750 provides maximum performance in many different climates and environmental conditions.**
BE WATER SMART.

RhinoMat® 750 is a 30 mil (0.75 mm) geomembrane specifically designed for use in water retention and containment applications to Weld Easier. Install Faster. Contain Better.® For applications where containment is critical, the durable, stress crack resistant, lightweight construction of RhinoMat® geomembrane provides maximum performance in all climates and environmental conditions.

RhinoMat® 750 is a Smart Choice

**Features Strong Construction**
- A 30 mil (0.75 mm) geomembrane
- Inner woven core layer provides dimensional stability with impressive tensile and tear strength
- Puncture, abrasion and chemical resistant construction
- Outstanding hydrostatic resistance
- All layers contain UV protection

**Meets Industry Standards**
- GRI-GM30 Compliant – RhinoMat is the first portfolio of products to meet this standard
- Non-toxic, no PVC or other hazardous materials used in the construction of the geomembrane
- Impressive UV, ozone and oxidation resistance

**Provides Warranty Protection**
- Standard warranty: 20-years buried, 10-years exposed
- Available special registered warranty (clear water applications): 25-years buried, 20-years exposed

**WELD EASIER.**
- Made with SurFlex™ technology, a polyolefin blend surface film which allows for superior thermal fusion welding
- Designed for optimal welding temperature and speed to create exceptional seams
- Flexible construction enables efficient seaming of a wide variety of panel shapes and sizes

**INSTALL FASTER.**
- Wide width flexible sheets facilitate factory fabrication to reduce field seaming time
- Factory fabricated seaming capability ensures higher quality welds which require fewer time-consuming destructive field tests
- Allows for large factory fabricated panels to be customized to accelerate project field installation

**CONTAIN BETTER.**
- High strength woven core and engineered coatings provide outstanding longevity and chemical resistance
- Meets or exceeds properties of Category 1 (Severe) of the GRI-GM30 specification from the Geosynthetic Institute (GSI)
- Hydrostatic, puncture, and abrasion resistance stands up to the toughest installation, maintenance and environmental stresses

ENGINEERED LLDPE/LDPE COATING
For flexibility, chemical resistance and protection against UV, ozone and oxidation

HDPE HIGH STRENGTH WOVEN CORE
For outstanding dimensional strength and stability

UV resistant SurFlex™ technology provides excellent welding characteristics, reduces stress cracking and makes it easy to seam in the factory or field