GEOTERRA® GTO MATERIAL SPECIFICATION

MATERIAL: 100% VIRGIN HD POLYETHYLENE
COLOR: RANGES FROM DARK SHADES OF GRAY TO BLACK
CHEMICAL RESISTANCE: SUPERIOR
CARBON BLACK FOR ULTRAVIOLET LIGHT STABILIZATION: 1.5% – 2%
UNIT MINIMUM CRUSH STRENGTH @ 21°C (70°F): 550 psi (3790 kPA)
MATERIAL FLEXURAL MODULUS @ 21°C (70°F): 200,000 psi (1370 MPa)
Nominal Dimensions (Width x Length): 17.5 in x 36.5 in (0.44 m x 0.93 m)
Nominal Unit Depth: 2 in (50 mm)
Nominal Coverage Area: 4.43 sqft (0.41 sq m)
Cells Per Unit: 40
Cell Size: 3.1 in x 3.2 in (79 mm x 81 mm)
Top Open Area Per Unit: 87%
Bottom Open Area Per Unit: 20%
Nominal Weight Per Unit: 11.8 lbs (5.35 kg)
Units Per Pallet: 46

PRESTO® PRODUCTS CO.
670 NORTH PENDINS STREET
APPLETON, WI 54914
920-739-1342
WWW.PRESTOGEO.COM

GEOSYSTEMS
GEOTERRA GTO
STRUCTURAL MAT SYSTEM
PLANS/SECTIONS

DATE: NOVEMBER 2013
FILE NAME: GeoTerra GTO at.1.png
SCALE: NAT
SHEET: 1
BOLT CONNECTION DETAIL

AUGER ANCHOR DETAIL

EARTH ANCHOR DETAIL

BOLT AND TAB CONNECTION

WASHER

CABLE STOP

WASHER

ROD

ANCHOR HEAD

CABLE

SYSTEM COMPONENTS

BOLT CONNECTION (12 PER UNIT)

IF REQ'D, WOVEN OR NONWOVEN GEOTEXTILE

IF REQ'D, DRAINAGE GEOCOMPOSITE (SINGLE OR DUAL SIDED)

IF REQ'D, EARTH OR AUGER ANCHOR

GEOTERRA® GTO MATERIAL SPECIFICATION

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>100% VIRGIN HD POLYETHYLENE</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLOR</td>
<td>RANGES FROM DARK SHADES OF GRAY TO BLACK</td>
</tr>
<tr>
<td>CHEMICAL RESISTANCE</td>
<td>SUPERIOR</td>
</tr>
<tr>
<td>CARBON BLACK FOR ULTRAVIOLET LIGHT STABILIZATION</td>
<td>1.5% – 2%</td>
</tr>
<tr>
<td>UNIT MINIMUM CRUSH STRENGTH @ 21°C (70°F)</td>
<td>550 psi (3790 kPa)</td>
</tr>
<tr>
<td>MATERIAL FLEXURAL MODULUS @ 21°C (70°F)</td>
<td>200,000 psi (1370 MPa)</td>
</tr>
<tr>
<td>NOMINAL DIMENSIONS (WIDTH x LENGTH)</td>
<td>17.5 in x 36.5 in (0.44 m x 0.93 m)</td>
</tr>
<tr>
<td>NOMINAL UNIT DEPTH</td>
<td>2 in (50 mm)</td>
</tr>
<tr>
<td>NOMINAL COVERAGE AREA</td>
<td>4.43 sqft (0.41 sq m)</td>
</tr>
<tr>
<td>CELLS PER UNIT</td>
<td>40</td>
</tr>
<tr>
<td>CELL SIZE</td>
<td>3.1 in x 3.2 in (79 mm x 81 mm)</td>
</tr>
<tr>
<td>TOP OPEN AREA PER UNIT</td>
<td>87%</td>
</tr>
<tr>
<td>BOTTOM OPEN AREA PER UNIT</td>
<td>20%</td>
</tr>
<tr>
<td>NOMINAL WEIGHT PER UNIT</td>
<td>11.8 lbs (5.35 kg)</td>
</tr>
<tr>
<td>UNITS PER PALLET</td>
<td>46</td>
</tr>
</tbody>
</table>