CHEMICAL RESISTANCE
High resin content provides resistance to a wide range of chemicals.

ANTI-SLIP SURFACE
The coarse quartz grit finish where applied to the walking surface, provides excellent anti-slip performance.

FIRE RESISTANCE
Flame retardants are added to the resin to improve fire resistance.

RESISTANT TO ULTRA VIOLET RADIATION
UV inhibitors are incorporated into the resin to reduce the effects of ultraviolet radiation. However, some loss of colour will occur on long exposure.

HIGH IMPACT RESISTANCE
FRP grating resists the effects of high impact loading which may superficially damage the surface but does not allow penetration.

HIGH STIFFNESS TO WEIGHT RATIO
High strength, with E-glass rovings moulded into a square grid grating pattern, provides a stiff and light flooring panel suitable for foot traffic over a wide range of spans. See span/load/deflection tables for each grating pattern.

STIFFNESS IN BOTH DIRECTIONS
Due to the box pattern arrangement, FRP grating has load bearing strength in both directions.

LIGHTWEIGHT PANELS
The lightweight nature of FRP grating allows for ease of handling compared with other materials.

NON ELECTRICALLY CONDUCTIVE
The non-metallic properties of FRP grating makes it ideal for electrically hazardous locations.

TRANSPARENT TO RADIO FREQUENCY
FRP grating does not cause any interference and is transparent to radio frequency transmissions.

NON SPARKING
FRP grating with plain and concave upper surfaces will not cause sparking when impacted by metallic objects.

COST PERFORMANCE
 Compared to other materials, the use of FRP grating results in a long life product with low installation costs.

APPLICATION SECTORS
- Chemical Processing
- Food & Beverage
- Marine & Ports
- Oil & Gas
- Power Sector
- General Industry
- Buildings
- Construction
- Pharmaceutical
- Amusement
- Automotive
- Metals & Mining
- Pulp & Paper
- Recreation
- Telecommunications
- Shipping
- Transportation
- Water & Waste Treatment
- Architectural

TYPES OF GRATINGS
- Anti-Slip Gratings
- Solid Top / Covered Gratings
- High Load Capacity Gratings

COMPTECH Pultruded Grating Sizes and Specifications

<table>
<thead>
<tr>
<th>Model Nos.</th>
<th>Section</th>
<th>Section Dimension</th>
<th>Open Area (%)</th>
<th>Maximum Permissible Span (mm)</th>
<th>Weight (kg/sq mtr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARC PGI 4025</td>
<td>25 x 15 x 15</td>
<td>40</td>
<td>1200</td>
<td>18.3</td>
<td></td>
</tr>
<tr>
<td>ARC PGI 5025</td>
<td>25 x 15 x 15</td>
<td>50</td>
<td>1200</td>
<td>15.7</td>
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</tr>
<tr>
<td>ARC PGI 6025</td>
<td>25 x 15 x 15</td>
<td>60</td>
<td>1200</td>
<td>13</td>
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</tr>
<tr>
<td>ARC PGI 4038</td>
<td>38 x 15 x 15</td>
<td>40</td>
<td>1500</td>
<td>23.5</td>
<td></td>
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<tr>
<td>ARC PGI 5038</td>
<td>38 x 15 x 15</td>
<td>50</td>
<td>1500</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>ARC PGI 6038</td>
<td>38 x 15 x 15</td>
<td>60</td>
<td>1500</td>
<td>16.5</td>
<td></td>
</tr>
</tbody>
</table>

COMPTECH Molded Grating Sizes and Specifications

<table>
<thead>
<tr>
<th>Grating Thickness (mm)</th>
<th>Mesh Description</th>
<th>Bars/ ft</th>
<th>Panel sizes available (mm)</th>
<th>Weight kg/m²</th>
<th>% Open Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>25.4</td>
<td>38.1 mm X 38.1 mm square</td>
<td>8</td>
<td>1220 x 3660</td>
<td>12.3</td>
<td>68</td>
</tr>
<tr>
<td>38.1</td>
<td>38.1 mm X 38.1 mm square</td>
<td>8</td>
<td>1220 x 3660</td>
<td>19.5</td>
<td>68</td>
</tr>
</tbody>
</table>

COMPTECH FRP Grating by VHM Solutions moulded grating systems meet the highest international standards for its high strength, corrosion/chemical attack resistance, life value and safety factors.

Manufactured from various, carefully selective resin matrices, these grating systems are designed to deliver many years of reliable service, outperforming traditional materials and inferior FRP products that have flooded the market.