# McNICHOLS® PLANK GRATING

**Grip Strut®** | **10-Diamond** | **24” Width**

**Galvanized Steel Walkway Load Table**

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>HEIGHT (mm)</th>
<th>LBS/LF (kg/m)</th>
<th>LOAD/DEFL</th>
<th>CLEAR SPAN</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>4-1/2” (114.3)</td>
<td>8.9 (13.2)</td>
<td>U 300 300 300 300 300 263 213 176 148 126 109 95 83 66</td>
<td>53 43 –</td>
</tr>
</tbody>
</table>
| 12    | 4-1/2” (114.3) | 12.5 (18.6) | U 475 475 475 475 475 420 340 281 236 201 173 151 133 105 | 70 59 – | D 0.37 0.37 0.38 0.40 0.43 0.43 0.39 0.37 0.37 0.39 0.41 0.44 0.51 | 0.59 0.69 0.80 | C 900 900 900 900 900 900 850 773 709 654 607 567 531 | 472 425 387 354 | D 0.34 0.34 0.34 0.35 0.35 0.36 0.37 0.35 0.34 0.33 0.33 0.33 0.33 | 0.35 0.37 0.40 |}

- **U** - Uniform Load - Lbs. per Square Foot
- **D** - Deflection - in Inches
- **C** - Concentrated Load - Lbs. per Square Foot of Width at Mid Span

Span and loading values to the left of the bolded black line produce a deflection of 1/4” or less under a uniform load of 100 lbs. per square foot, allowing for safe pedestrian comfort. Span and loading values to the right of the bolded black line are applicable to other types of loads at the discretion of a licensed engineer.

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