**TECHNICAL DATA SHEET**

**Cable Tie, high performance**

**Colored multi-packs**

**Ty-Rap®**

Cable ties are primarily used to cinch wires and cables together to form a neat and organized bundle.

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**Ratings:**
- Min. Operating Temperature: -40°F (-40°C)
- Max. Operating Temperature: 185°F (85°C)
- Min. Installation Temperature: -4°F (-20°C)

**Installation:**
- Install with approved ABB cable tie tool such as ERG50

**Materials / Finishes:**
- Colored Polyamide (Nylon 6.6)

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**Product selection - inch (mm)**

<table>
<thead>
<tr>
<th>Part no:</th>
<th>GID no:</th>
<th>Min. bundle dia.</th>
<th>Max. bundle dia.</th>
<th>A ± 0.125 (3.0)</th>
<th>B ± 0.01 (0.25)</th>
<th>C ± 0.03 (0.76)</th>
<th>D ± 0.03 (0.76)</th>
<th>E ± 0.01 (0.25)</th>
<th>Tesile strength lbs. (N)</th>
<th>UL Type designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>TY523M-CLRS</td>
<td>TTAG009070R0122</td>
<td>0.06 (1.5)</td>
<td>0.63 (16)</td>
<td>3.6 (91)</td>
<td>0.09 (2.3)</td>
<td>0.15 (3.8)</td>
<td>0.19 (4.8)</td>
<td>0.04 (1.0)</td>
<td>18 (80)</td>
<td>21</td>
</tr>
<tr>
<td>TY524M-CLRS</td>
<td>TTAG009160R0047</td>
<td>0.08 (2.0)</td>
<td>1.38 (35)</td>
<td>5.5 (140)</td>
<td>0.14 (3.6)</td>
<td>0.18 (4.6)</td>
<td>0.25 (6.4)</td>
<td>0.04 (1.0)</td>
<td>40 (178)</td>
<td>21</td>
</tr>
<tr>
<td>TY525M-CLRS</td>
<td>TTAG009270R0037</td>
<td>0.12 (3.0)</td>
<td>1.89 (48)</td>
<td>7.2 (183)</td>
<td>0.19 (4.8)</td>
<td>0.22 (6.1)</td>
<td>0.32 (8.1)</td>
<td>0.05 (1.3)</td>
<td>50 (222)</td>
<td>215</td>
</tr>
<tr>
<td>TY528M-CLRS</td>
<td>TTAG009270R0055</td>
<td>0.12 (3.0)</td>
<td>4.02 (102)</td>
<td>14.2 (361)</td>
<td>0.19 (4.8)</td>
<td>0.22 (6.1)</td>
<td>0.32 (8.1)</td>
<td>0.05 (1.3)</td>
<td>50 (222)</td>
<td>215</td>
</tr>
</tbody>
</table>

**Note:** Product must be installed in accordance with applicable national and local electrical codes.

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