Hanger Wire & Tie Wire

Wire support for drop ceiling assemblies

Hanger Wire is available in 8, 9 and 12 gauge and is galvanized for corrosion resistance. Hanger wire is suspended from the underside of the floor structure to provide a structural support for drop, gypsum wallboard or plaster suspended ceilings.

Tie Wire is 18-gauge galvanized soft annealed wire used in drywall and plaster construction to tie furring channels to main runner U-Channels. It’s also used to tie metal lath to channels in plaster construction, attach expansion/control joints to lath and tie the lath overlap between rows of fasteners. 18ga tie wire is not recommended for suspension.

In a drop ceiling assembly U-Channel is suspended from the overhead structure using hanger wire. Drywall furring channel is wire-tied perpendicular to the underside of the U-Channel at appropriate intervals for screw-attaching drywall. Assemblies are installed per the project specification or ASTM C754 requirements. Wire ties are required for fire rated and multi-layer assemblies.

Product Data & Ordering Information:

- **Material:** Soft Annealed Wire - Tensile range 50,000-65,000 psi
- **Coating:** Regular zinc coating (galvanized)
  - Special zinc coatings (e.g. Class 1) are available by special order.
- **Shipping:** Available by 50 lbs. hanks (bundles)

### Hanger Wire

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Gauge</th>
<th>Diameter</th>
<th>Length</th>
<th>Ft./Lb.</th>
<th>Wt./Ctn.</th>
<th>Approx. breaking strength*</th>
<th>Max. recommended load**</th>
</tr>
</thead>
<tbody>
<tr>
<td>HWB8</td>
<td>8</td>
<td>0.162&quot;</td>
<td>12'</td>
<td>14.3</td>
<td>50 lbs</td>
<td>880 lbs</td>
<td>220 lbs</td>
</tr>
<tr>
<td>HWB9</td>
<td>9</td>
<td>0.148&quot;</td>
<td>12'</td>
<td>17.1</td>
<td>50 lbs</td>
<td>740 lbs</td>
<td>185 lbs</td>
</tr>
<tr>
<td>HW12</td>
<td>12</td>
<td>0.1055&quot;</td>
<td>12'</td>
<td>33.7</td>
<td>50 lbs</td>
<td>375 lbs</td>
<td>94 lbs</td>
</tr>
</tbody>
</table>

### Tie Wire

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Gauge</th>
<th>Diameter</th>
<th>Length</th>
<th>Ft./Lb.</th>
<th>Wt./Ctn.</th>
<th>Approx. breaking strength*</th>
<th>Max. recommended load**</th>
</tr>
</thead>
<tbody>
<tr>
<td>TW18</td>
<td>18</td>
<td>0.047&quot;</td>
<td>30&quot;</td>
<td>166.2</td>
<td>25 lbs</td>
<td>75 lbs</td>
<td>19 lbs</td>
</tr>
</tbody>
</table>

* Approximate Breaking Strength (lbs. without safety factor) - Recommended Safety Factor = 1/4
** Max. Recommended Load is for each wire. 18ga tie wire is not recommended for suspension

ASTM & Code Standards:
- Material: Wire is manufactured in accordance with ASTM A641
- Installation: ASTM C754
- SDS & Product Certification Information is available at www.clarkdietrich.com/SupportDocs

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**Project Information**

Name:
Address:

**Contractor Information**

Name:
Contact:
Phone:
Fax:

**Architect Information**

Name:
Contact:
Phone:
Fax:

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