Galvanized Rigid Metal Conduit (GRC) and Kwik-Couple™ GRC

Rigid Steel Conduit (GRC)
- Hot-dip galvanized for excellent corrosion resistance
- High strength ductile steel for long life and easy bending
- Smooth, continuous raceways for fast wire-pulling
- UL listed to UL 6, manufactured in accordance with ANSI C80.1
- True Color GRC special orders available
- Available in trade sizes 1/2 thru 6

Quality, Long Lasting Heavy Duty Steel Conduit

Kwik-Couple (GRC) Rigid Steel Conduit & Elbows
- Factory-installed Kwik-Couple couplings are available in GRC rigid conduits and elbows
  Just line up the ends, spin the coupling forward onto the next piece and wrench tighten. It's that easy!
- No separate couplings to purchase, store, carry or install
- Kwik-Release End Cap - Requires no tools
- True Color GRC special orders available
- All the benefits of GRC Conduit
- Patented*
- Available in Trade sizes 1/2 thru 4

For Faster Installations Use the Kwik-Couple GRC Connection

Galvanized Rigid Steel Conduit Weights and Dimensions

<table>
<thead>
<tr>
<th>Trade Size</th>
<th>Metric Designator</th>
<th>Approx. Wt. Per 100 Ft. (30.5M)</th>
<th>Outside Diameter</th>
<th>Nominal Wall Thickness</th>
<th>Quantity In Master Bundle*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>lb.</td>
<td>kg.</td>
<td>in. (mm)</td>
<td>in. (mm)</td>
</tr>
<tr>
<td>1/2</td>
<td></td>
<td>16</td>
<td>82</td>
<td>0.840</td>
<td>21.3</td>
</tr>
<tr>
<td>3/4</td>
<td></td>
<td>21</td>
<td>109</td>
<td>1.050</td>
<td>26.7</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>27</td>
<td>161</td>
<td>1.315</td>
<td>33.4</td>
</tr>
<tr>
<td>1-1/4</td>
<td></td>
<td>35</td>
<td>218</td>
<td>1.660</td>
<td>42.2</td>
</tr>
<tr>
<td>1-1/2</td>
<td></td>
<td>41</td>
<td>263</td>
<td>1.900</td>
<td>48.3</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>53</td>
<td>350</td>
<td>2.375</td>
<td>60.3</td>
</tr>
<tr>
<td>2-1/2</td>
<td></td>
<td>63</td>
<td>559</td>
<td>2.875</td>
<td>73.0</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>78</td>
<td>727</td>
<td>3.500</td>
<td>88.9</td>
</tr>
<tr>
<td>3-1/2</td>
<td></td>
<td>91</td>
<td>880</td>
<td>4.000</td>
<td>101.6</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>103</td>
<td>1030</td>
<td>4.500</td>
<td>114.3</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>129</td>
<td>1400</td>
<td>5.563</td>
<td>141.3</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>155</td>
<td>1840</td>
<td>6.626</td>
<td>168.3</td>
</tr>
</tbody>
</table>

1 Tolerances: Trade Size 1/2 to 1-1/2: ±0.015" (0.38mm); Trade Size 2-6: ± 1%
Length equals 10 ft. (3.05m) with a tolerance of +/-.25 in. (6.35mm)
2 For information only. Not a requirement of the UL standard.

* U.S. Patent Numbers 4258936,4547004.

NOTE: Special orders are non-cancelable, non-returnable and non-refundable.
Galvanized Rigid Metal Conduit (GRC) and Kwik-Couple™ GRC

FEATURES & SPECIFICATIONS

Full Electrical System Protection
Manufactured from mild steel, Allied’s Rigid Steel Conduit is highly resistant to damage from impact per NEC article 344 yet ductile to facilitate bending.

The 3/4" taper NPT threads (ANSI B1.20.1) are full cut and hot galvanized after cutting. Color-coded end-cap thread protectors keep the threads clean, sharp and also provide instant trade size recognition. Trade sizes are color-coded blue, 1/2 trade sizes black, and 1/4 trade sizes red.

Coatings
Hot-dip galvanized inside and out to provide galvanic corrosion protection, it is also top-coated with a compatible organic layer to protect against white rust. The inside surface is evenly coated for wire-pulling ease, even through multiple 90° bends.

EMI Shielding
Allied RIGID is very effective in reducing the effects of electromagnetic field levels for encased power distribution circuits, shielding computers and other sensitive electronic equipment from the effects of electromagnetic interference.

Visit www.allieddeg.com to obtain the GEMI (Grounding and Electro-Magnetic Interference) software analysis program.

Codes & Standards Compliance
Allied Rigid Steel Conduit is precision manufactured for dependable, long-lasting value and ultimate protection for electrical conductors. Covered by article 344 of the National Electrical Code™ (NEC), rigid steel conduit is highly resistant to damage from impact. It can be installed in all occupancies and locations, including Class I Division 1 hazardous locations. Rigid steel conduit is recognized as an equipment grounding conductor in Section 250.118 of the NEC. It is listed to Underwriters Laboratories Safety Standard UL 6 and is manufactured to ANSI C80.1, both of which have been adopted as Federal Specifications in lieu of WWC 581.

Installation of Rigid Metal Conduit shall be in accordance with the National Electrical Code and UL General Information card #DYIX. Master bundles conform to NEMA standard RN2.

Specification Data
Rigid Steel Conduit shall be hot-dip galvanized and manufactured by Allied Tube & Conduit. Threads shall be hot galvanized after cutting. Rigid steel conduit shall be listed to UL Safety Standard 6 by a nationally-recognized testing laboratory with follow up service. It shall be manufactured in accordance with ANSI C80.1.

Kwik-Couple Rigid steel conduit shall be listed to UL 6 and UL 514B and manufactured in accordance with ANSI C80.1.

Kwik-Couple Rigid steel conduit shall be listed to UL 514 and ANSI C80.1.

Note: Federal specification WW-C-581, Class 1, Type A has been superseded by UL Standard 6, which has been adopted by the federal government.

Kwik-Couple GRC Conduit Weights and Dimensions

<table>
<thead>
<tr>
<th>Trade Size</th>
<th>Metric Designator</th>
<th>Approx. Wt. Per 100 Ft. (30.5M)</th>
<th>Outside Diameter¹</th>
<th>Nominal Wall Thickness²</th>
<th>Quantity In Master Bundle</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>lb.</td>
<td>in.</td>
<td>in.</td>
<td>ft.</td>
</tr>
<tr>
<td>2-1/2</td>
<td>63</td>
<td>559</td>
<td>253.5</td>
<td>2.875</td>
<td>400</td>
</tr>
<tr>
<td>3</td>
<td>78</td>
<td>727</td>
<td>329.7</td>
<td>3.500</td>
<td>300</td>
</tr>
<tr>
<td>3-1/2</td>
<td>91</td>
<td>880</td>
<td>399.1</td>
<td>4.000</td>
<td>250</td>
</tr>
<tr>
<td>4</td>
<td>103</td>
<td>1030</td>
<td>467.1</td>
<td>4.500</td>
<td>200</td>
</tr>
</tbody>
</table>

¹ Tolerances: Trade Size 2-5: ± 1%

NOTE: Special orders are non-cancelable, non-returnable and non-refundable.

www.allieddeg.com
Galvanized Rigid Metal Conduit (GRC) and Kwik-Couple™ GRC

FEATURES & SPECIFICATIONS

Full Electrical System Protection
Manufactured from mild steel, Allied's Rigid Steel Conduit is highly resistant to damage from impact per NEC article 344 yet ductile to facilitate bending.

The 3/4" taper NPT threads (ANSI B1.20.1) are full cut and hot galvanized after cutting. Color-coded end-cap thread protectors keep the threads clean, sharp and also provide instant trade size recognition. Trade sizes are color-coded blue, 1/2 trade sizes black, and 1/4 trade sizes red.

Coatings
Hot-dip galvanized inside and out to provide galvanic corrosion protection, it is also top-coated with a compatible organic layer to protect against white rust. The inside surface is evenly coated for wire-pulling ease, even through multiple 90° bends.

EMI Shielding
Allied RIGID is very effective in reducing the effects of electromagnetic field levels for encased power distribution circuits, shielding computers and other sensitive electronic equipment from the effects of electromagnetic interference.

Visit www.allieddeg.com to obtain the GEMI (Grounding and Electro-Magnetic Interference) software analysis program.

Codes & Standards Compliance
Allied Rigid Steel Conduit is precision manufactured for dependable, long-lasting value and ultimate protection for electrical conductors. Covered by article 344 of the National Electrical Code™ (NEC), rigid steel conduit is highly resistant to damage from impact. It can be installed in all occupancies and locations, including Class I Division 1 hazardous locations. Rigid steel conduit is recognized as an equipment grounding conductor in Section 250.118 of the NEC. It is listed to Underwriters Laboratories Safety Standard UL 6, and is manufactured to ANSI C80.1, both of which have been adopted as Federal Specifications in lieu of WWC 581.

Installation of Rigid Metal Conduit shall be in accordance with the National Electrical Code and UL General Information card #DYIX. Master bundles conform to NEMA standard RN2.

Specification Data
Rigid Steel Conduit shall be hot-dip galvanized and manufactured by Allied Tube & Conduit. Threads shall be hot galvanized after cutting. Rigid steel conduit shall be listed to UL Safety Standard 6 by a nationally-recognized testing laboratory with follow up service. It shall be manufactured in accordance with ANSI C80.1.

Kwik-Couple Rigid steel conduit shall be listed to UL 6 and UL 514B and manufactured in accordance with ANSI C80.1.

Note: Federal specification WW-C-581, Class 1, Type A has been superseded by UL Standard 6, which has been adopted by the federal government.

Kwik-Couple GRC Conduit Weights and Dimensions

<table>
<thead>
<tr>
<th>Trade Size</th>
<th>Metric Designator</th>
<th>Approx. Wt. Per 100 Ft. (30.5M)</th>
<th>Outside Diameter</th>
<th>Nominal Wall Thickness</th>
<th>Quantity In Master Bundle</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>lb.</td>
<td>kg.</td>
<td>in.</td>
<td>mm.</td>
</tr>
<tr>
<td>2-1/2</td>
<td>63</td>
<td>559</td>
<td>253.5</td>
<td>2.875</td>
<td>73.0</td>
</tr>
<tr>
<td>3</td>
<td>78</td>
<td>727</td>
<td>329.7</td>
<td>3.500</td>
<td>88.9</td>
</tr>
<tr>
<td>3-1/2</td>
<td>91</td>
<td>880</td>
<td>399.1</td>
<td>4.000</td>
<td>101.6</td>
</tr>
<tr>
<td>4</td>
<td>103</td>
<td>1030</td>
<td>467.1</td>
<td>4.500</td>
<td>114.3</td>
</tr>
</tbody>
</table>

1 Tolerances: Trade Size 2-5: ± 1%

NOTE: Special orders are non-cancelable, non-returnable and non-refundable.

www.allieddeg.com