ALUMINUM EMT
FROM AMERICAN CONDUIT
Installs Faster, Looks Better Longer

Lightweight and Easier to Install
• 35% to 75% labor savings at only 1/3 the weight of steel EMT
• Easy field fabrication and greater worker safety
• Installs with fewer workers

Superior Appearance and Durability
• Corrosion resistant aluminum won’t rust, discolor, or streak
• Keep your project looking better longer

Aluminum Replaces Steel in Virtually All Locations

www.americanconduit.com
### WEIGHTS AND DIMENSIONS FOR ALUMINUM EMT

<table>
<thead>
<tr>
<th>Trade Size Designator</th>
<th>Approx Wt per 100 Ft (30.5M)</th>
<th>Nominal Outside Diameter</th>
<th>Nominal Inside Diameter</th>
<th>Quantity in Primary Bundle</th>
<th>Master Bundle Quantity</th>
<th>Approx. Wt.</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>U.S.</td>
<td>Metric</td>
<td>lb.</td>
<td>kg.</td>
<td>in.</td>
<td>mm</td>
<td>in.</td>
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<tr>
<td>1/2 16</td>
<td>10.3</td>
<td>4.7</td>
<td>0.706</td>
<td>17.9</td>
<td>0.622</td>
<td>15.80</td>
<td>200</td>
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<tr>
<td>3/4 21</td>
<td>15.8</td>
<td>7.2</td>
<td>0.922</td>
<td>23.4</td>
<td>0.824</td>
<td>21.00</td>
<td>200</td>
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<tr>
<td>1 27</td>
<td>23.3</td>
<td>10.6</td>
<td>1.163</td>
<td>29.5</td>
<td>1.049</td>
<td>26.60</td>
<td>200</td>
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<tr>
<td>1-1/4 35</td>
<td>34.7</td>
<td>15.8</td>
<td>1.510</td>
<td>38.4</td>
<td>1.380</td>
<td>35.05</td>
<td>50</td>
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<tr>
<td>1-1/2 41</td>
<td>40.2</td>
<td>18.3</td>
<td>1.740</td>
<td>44.2</td>
<td>1.610</td>
<td>40.89</td>
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<tr>
<td>2 53</td>
<td>51.2</td>
<td>23.3</td>
<td>2.197</td>
<td>55.8</td>
<td>2.067</td>
<td>52.50</td>
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<tr>
<td>2-1/2 63</td>
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<td>33.9</td>
<td>2.875</td>
<td>73.0</td>
<td>2.731</td>
<td>69.36</td>
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<tr>
<td>3 78</td>
<td>91.1</td>
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<td>3.500</td>
<td>88.9</td>
<td>3.356</td>
<td>85.24</td>
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<tr>
<td>3-1/2 91</td>
<td>120.1</td>
<td>54.6</td>
<td>4.000</td>
<td>101.6</td>
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<td>97.38</td>
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<tr>
<td>4 103</td>
<td>135.5</td>
<td>61.6</td>
<td>4.500</td>
<td>114.3</td>
<td>4.334</td>
<td>110.08</td>
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</tbody>
</table>

Outside diameter tolerances: +/- .005 in. (.13mm) for trade sizes 1/2” through 2”, +/- .010 in. for trade size 2-1/2”, +/- .015 in. for trade size 3”, +/- .020 in. for trade sizes 3-1/2” and 4”

Length = 10 ft. with a tolerance of +/- 0.25”.

### Frequently Asked Questions About Aluminum EMT

- **Does Aluminum EMT Meet the Same Code Requirements As Steel EMT?**
  - YES – Sapa Aluminum EMT meets UL797 and ANSI C80.3.

- **Can I Use Galvanized Fittings With Aluminum EMT?**
  - YES – NEC 344.10(A) allows the use of either aluminum or galvanized fittings.

- **Will Cutting & Threading Aluminum Be Harder Than Steel?**
  - NO – Use your standard cutting tools & dies and you’ll get fast, easy cuts & threads.

- **Any Differences for Bending Aluminum EMT?**
  - NO – Use your standard equipment, but it will be much easier.

- **Is It Harder to Pull Cables Through Aluminum EMT?**
  - NO – Independent tests show that aluminum & steel are comparable.

- **How Is Aluminum EMT Less Expensive Than Steel?**
  - The savings come from a combination of extrusion technology and the weight of the material. Aluminum extrusion can be much more productive than steel to manufacture. Since aluminum weighs 1/3 as much as steel, you save money during shipping and installation.

### The American Conduit Advantage

- Part of the largest extrusion company in North America
- The leading producer of aluminum EMT, with sizes from ½” to 4”
- Over 35 years experience producing extruded aluminum conduit for the Electrical Industry
- 33 representatives nationwide
- 20 stocking warehouses nationwide
- Nearly 1 million pounds of material in-stock and ready to ship
- Coast to coast distribution