



WESTERN TUBE & CONDUIT CORPORATION

EMT (ELECTRICAL METALLIC TUBING) Including COLOR EMT & CONDUIT KIT

Western Tube EMT is made from strip steel, high frequency (ERW) welded. A continuous hot galvanizing process is employed to coat the exterior surfaces evenly and smoothly. A special transparent secondary coating provides further protection against corrosion. Manufactured in accordance with Underwriters Laboratories specification UL-797, American National Standards Institute (ANSI) specification C80.3, and CSA C22.2 No. 83.1. Also conforms to Federal Specifications WW-C-563A, which has been superseded by the UL document. Approved by the National Electric Code article 358, for open, concealed and concrete slab installations.

Quality controlled each step of the way - regular tests for weld strength, bendability, plating thickness, all dimensions, and uniform smoothness of interior coating provide you with conduit of the highest quality. Western Tube EMT provides perfect bends and offsets that can be made quickly and easily.

Western Tube EMT uses a special polymer ID coating that has low friction so that feeding wires is simple and quick, providing extra ease in wire installation.

No chipping, cracking, peeling - outside surfaces are galvanized with zinc coating for superior corrosion resistance and long-lasting, dependable service. A special protective coating is then applied.

- Compatible with all types of building materials
- Provides a lifetime of safe electrical installations
- Low in cost - strong, durable

A **Conduit Kit** consists of a pre-assembled section of EMT with a coupling, as is traditional with Rigid and IMC. It provides a labor-saving and time-saving alternative when assembling long runs of EMT on site. Unlike other integrated coupling products, our steel set-screw and compression coupling Conduit Kits come with the distinct advantage that they allow you to take apart leftover pieces and re-use them as needed. You get both **savings and flexibility** with every kit. All the components used in our Conduit Kits are UL listed (the couplings are listed to UL 514B), as is the assembly itself (to UL 183). Our conduit products are extremely corrosion resistant and meet all federal and state code requirements.

Color EMT is constructed in the same way and meets the same requirements as our standard EMT, and also carries the UL listing and certification. In addition to our standard red, white, blue, green, yellow, orange and black EMT, we are also able to provide custom colors.

HOT ZINC COATED CONDUIT SPECIFICATIONS

To specify Western Tube Hot Zinc Coated EMT include the following: Electrical Conductors shall be enclosed in Western Tube Hot Zinc Coated EMT in accordance with the National Electrical Code. Electric Metallic Tubing shall be steel, electrically welded, hot zinc galvanized and produced to ANSI Specifications C80.3 and to Underwriters Laboratories specification UL-797, and shall carry the Underwriters Laboratories label, as manufactured by Western Tube and Conduit Corporation.

| Trade Size | Metric Designator | Nominal O.D. | Nominal I.D. | Nominal Wall Thickness | Nominal Wt. per Foot | Feet In Sub-Bundle | Qty. in Master Bundle | Feet in Master Bundle | Nom. Wt. Per Master Bundle | Color Designator |
|------------|-------------------|--------------|--------------|------------------------|----------------------|--------------------|-----------------------|-----------------------|----------------------------|------------------|
|------------|-------------------|--------------|--------------|------------------------|----------------------|--------------------|-----------------------|-----------------------|----------------------------|------------------|

Standard EMT and Color EMT Weights and Specifications

| in. | mm | in. | in. | in. | lbs. | ft. | qty. | ft. | lbs. | |
|-------|-----|-------|-------|-------|------|-----|------|------|------|-------|
| 1/2 | 16 | 0.706 | 0.622 | 0.042 | 0.30 | 100 | 700 | 7000 | 2100 | Black |
| 3/4 | 21 | 0.922 | 0.824 | 0.049 | 0.46 | 100 | 500 | 5000 | 2300 | Red |
| 1 | 27 | 1.163 | 1.049 | 0.057 | 0.67 | 100 | 300 | 3000 | 2010 | Blue |
| 1 1/4 | 35 | 1.510 | 1.380 | 0.065 | 1.01 | 50 | 200 | 2000 | 2020 | Red |
| 1 1/2 | 41 | 1.740 | 1.610 | 0.065 | 1.16 | 50 | 150 | 1500 | 1740 | Black |
| 2 | 53 | 2.197 | 2.067 | 0.065 | 1.48 | 50 | 120 | 1200 | 1776 | Blue |
| 2 1/2 | 63 | 2.875 | 2.731 | 0.072 | 2.16 | - | 61 | 610 | 1318 | Black |
| 3 | 78 | 3.500 | 3.356 | 0.072 | 2.63 | - | 51 | 510 | 1341 | Blue |
| 3 1/2 | 91 | 4.000 | 3.834 | 0.083 | 3.49 | - | 37 | 370 | 1291 | Black |
| 4 | 103 | 4.500 | 4.334 | 0.083 | 3.93 | - | 30 | 300 | 1179 | Blue |

Conduit Kit Weights and Specifications

| | | | | | | | | | | |
|-------|----|-------|-------|-------|------|---|----|-----|------|--|
| 2 | 53 | 2.197 | 2.067 | 0.065 | 1.53 | - | 52 | 520 | 800 | |
| 2 1/2 | 63 | 2.875 | 2.731 | 0.072 | 2.30 | - | 33 | 330 | 760 | |
| 3 | 78 | 3.500 | 3.356 | 0.072 | 2.82 | - | 33 | 330 | 930 | |
| 4 | 91 | 4.500 | 4.334 | 0.083 | 4.18 | - | 27 | 270 | 1130 | |