

Color Check™ Color-Coded EMT



## Color Check™ Color-Coded EMT:

# Quick identification of critical systems

Color Check electrical metallic tubing (EMT) may differentiate wiring for fire alarm, security, healthcare, A/V and data, fiber optic and high- and low-voltage circuits. Don't waste time spray painting or taping — we have a full rainbow of professionally color-coded EMT in stock and ready to ship.

9 vivid colors

10' and 20' lengths

Accurate circular cross section with uniform wall thickness

Interior surface free from defects injurious to conductors

Lightweight, easy to install

Galvanized OD with additional color coating

Proprietary ID coating for fast wire-pulling performance (FasTrak™ Plus EMT)

Contains recycled steel

### Designed for Quality and Efficiency

At Wheatland Tube, we leverage our experience and the latest technologies to provide a consistent quality product with on-time deliveries. We manufacture Color Check EMT from mild steel strip in state-of-the-art ERW mills, with the industry's leading in-house, in-line galvanizing process that applies molten zinc to the outside diameter. A pigmented coating is then applied to the outside diameter to inhibit rust, reduce storage stains and provide color identification. The inside diameter is sprayed with a proprietary coating for corrosion resistance and ease of wire pulling. The product is then inspected visually and with instruments to ensure all meet the standard specifications. Our complete in-house production capabilities and quality control programs provide consistency in production.

### Green and Sustainable

Color Check EMT contains recycled steel and provides decades of reliable service. Conductors can easily be removed and new conductors inserted. Additional circuits may be added in the same conduit, as permitted by the code. At the end of its life, the steel may be fully recycled.

### Tested and Certified for Safety

Color Check EMT is UL® Listed to UL 797. It is manufactured in accordance with ANSI® C80.3, UL-797 and federal



specifications WW-C-563. EMT provides mechanical protection for cables and conductors, reduces electromagnetic field exposure, shields against electromagnetic interference and is recognized as an equipment grounding conductor by NFPA® 70: National Electric Code® (NEC) 250.118(4).








































### Color Standards

The electrical industry does not have a circuit color standard for conduit or EMT, but a de facto relationship has been established. Wheatland Tube does not suggest the use of any color for any specific circuit or voltage application. The NEC does not require or designate specific colors for specific circuits. Remember, the previous installer may have used color EMT because of architectural considerations, not as circuit designations.



For more information, call **800.257.8182** or visit **wheatland.com**

## COLOR CHECK EMT COLORS AND SIZES

| COLORS  | 1/2"  | 3/4"  | 1"  | 1 1/4"   | 1 1/2"  | 2"  |
|---------|---|---|---|--|---|---|
| Blue    |  |  |  |  |  |  |
| Orange  |  |  |  | —  | —   | —   |
| Red     |  |  |  |  |  |  |
| Green   |  |  |  | —  | —   | —   |
| *Silver |  |  |  |  |  |  |
| Black   |  |  |  |  | —   | —   |
| White   |  |  |  |  | —   | —   |
| Yellow  |  |  |  |  | —   | —   |
| Purple  |  |  |  | —  | —   | —   |

\* Silver (traditional galvanized EMT) is available from stock 1/2"–4". Other colors, sizes and 20' lengths available as special order. Minimum order quantities may apply.

## COLOR CHECK EMT WEIGHTS AND DIMENSIONS (10' LENGTHS\*)

| TRADE SIZE | METRIC DESIGNATOR | WEIGHT OF 10 UNIT LENGTHS |       | OUTSIDE DIAMETER |        | INSIDE DIAMETER** |        | WALL THICKNESS** |      |
|------------|-------------------|---------------------------|-------|------------------|--------|-------------------|--------|------------------|------|
|            |                   | lbs.                      | kg    | in.              | mm     | in.               | mm     | in.              | mm   |
| 1/2        | 16                | 30                        | 13.6  | 0.706            | 17.93  | 0.622             | 15.80  | .042             | 1.07 |
| 3/4        | 21                | 46                        | 20.9  | 0.922            | 23.42  | 0.824             | 20.93  | .049             | 1.24 |
| 1          | 27                | 67                        | 30.4  | 1.163            | 29.54  | 1.049             | 26.64  | .057             | 1.45 |
| 1 1/4      | 35                | 101                       | 45.8  | 1.510            | 38.35  | 1.380             | 35.05  | .065             | 1.65 |
| 1 1/2      | 41                | 116                       | 52.6  | 1.740            | 44.20  | 1.610             | 40.89  | .065             | 1.65 |
| 2          | 53                | 148                       | 67.1  | 2.197            | 55.80  | 2.067             | 52.50  | .065             | 1.65 |
| 2 1/2      | 63                | 216                       | 98.0  | 2.875            | 73.03  | 2.731             | 69.37  | 0.72             | 1.83 |
| 3          | 78                | 263                       | 119.3 | 3.500            | 88.90  | 3.356             | 85.24  | .072             | 1.83 |
| 3 1/2      | 91                | 349                       | 158.3 | 4.000            | 101.60 | 3.834             | 97.38  | .083             | 2.11 |
| 4          | 103               | 393                       | 178.3 | 4.500            | 114.30 | 4.334             | 110.08 | .083             | 2.11 |

\* Silver (traditional galvanized EMT) is available from stock 1/2"–4". Other colors, sizes and 20' lengths available as special order. Minimum order quantities may apply.

\*\* For information only, not a UL 797 requirement.

Applicable tolerances: Length: 10' (3.05 m) ± 1/4" (± 6.35 mm), Outside diameter: 1/2 through 2: ± 0.005" (16 through 53: ± 0.13 mm), 2 1/2: ± 0.010" (63: ± 0.25 mm) 3: ± 0.015" (78: ± 0.38 mm), 3 1/2 and 4: ± 0.020" (91 and 103: ± 0.51 mm)

## PACKAGING

| TRADE SIZE | METRIC DESIGNATOR | BUNDLE TAPE COLOR | QUANTITY / BUNDLE |      | QUANTITY / LIFT* |         |      |      | WEIGHT / LIFT |        | VOLUME / LIFT |       |
|------------|-------------------|-------------------|-------------------|------|------------------|---------|------|------|---------------|--------|---------------|-------|
|            |                   |                   | ft.               | m    | Pieces           | Bundles | ft.  | m    | lbs.          | kg     | cu. ft.       | cu. m |
| 1/2        | 16                | Black             | 100               | 30.5 | —                | 70      | 7000 | 2134 | 2100          | 952.5  | 31.7          | 0.9   |
| 3/4        | 21                | Red               | 100               | 30.5 | —                | 50      | 5000 | 1524 | 2300          | 1043.3 | 36.1          | 1.0   |
| 1          | 27                | Blue              | 100               | 30.5 | —                | 30      | 3000 | 914  | 2010          | 911.7  | 36.5          | 1.0   |
| 1 1/4      | 35                | Red               | 50                | 15.2 | —                | 40      | 2000 | 610  | 2020          | 916.3  | 38.2          | 1.1   |
| 1 1/2      | 41                | Black             | 50                | 15.2 | —                | 30      | 1500 | 457  | 1740          | 789.3  | 37.9          | 1.1   |
| 2          | 53                | —                 | —                 | —    | 120              | —       | 1200 | 366  | 1776          | 805.6  | 46.7          | 1.3   |
| 2 1/2      | 63                | —                 | —                 | —    | 61               | —       | 610  | 186  | 1318          | 597.8  | 41.5          | 1.2   |
| 3          | 78                | —                 | —                 | —    | 51               | —       | 510  | 155  | 1341          | 608.3  | 48.9          | 1.4   |
| 3 1/2      | 91                | —                 | —                 | —    | 37               | —       | 370  | 113  | 1291          | 585.6  | 48.6          | 1.4   |
| 4          | 103               | —                 | —                 | —    | 30               | —       | 300  | 91   | 1179          | 534.8  | 50.0          | 1.4   |

\* The quantity per lift conforms to the National Electrical Manufacturers Association Standards Publication RN-2.

Packaging of Master Bundles for Steel Rigid Conduit, Intermediate Metal Conduit (IMC) and Electrical Metallic Tubing (EMT).



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Made & Melted  
in America



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### About Wheatland Tube Electrical Conduit and Fittings

Wheatland Tube produces a broad spectrum of electrical conduit, including hot-dip galvanized steel rigid metal conduit, steel intermediate metal conduit (IMC), steel electrical metallic tubing (EMT), a full line of steel and aluminum elbows and nipples, and steel couplings. We also supply rigid aluminum conduit and couplings.

For more information, contact Wheatland Tube at:

**800.257.8182** or **info@wheatland.com**

Or, visit our website at [wheatland.com](http://wheatland.com)

The Strength to  
**Deliver** 