

Quotes@eactsc.com



WEIGHTS AND DIMENSIONS FOR ALUMINUM EMT

| Trade Size Designator | | Approx Wt per 100 Ft (30.5M) | | Nominal Outside Diameter | | Nominal Inside Diameter | | Quantity in Primary Bundle | | Master Bundle | | | | | |
|-----------------------|--------|------------------------------|------|--------------------------|-------|-------------------------|--------|----------------------------|------|---------------|--------|-------------|-------|----------|--------|
| | | | | | | | | | | Quantity | | Approx. Wt. | | Volume | |
| U.S. | Metric | lb. | kg. | in. | mm | in. | mm | ft. | m | ft. | m | lb. | kg. | cu . ft. | cu . m |
| 1/2 | 16 | 10.3 | 4.7 | 0.706 | 17.9 | 0.622 | 15.80 | 200 | 61 | 7000 | 2135.0 | 721 | 327.7 | 28.7 | 0.81 |
| 3/4 | 21 | 15.8 | 7.2 | 0.922 | 23.4 | 0.824 | 21.00 | 200 | 61 | 5000 | 1525.0 | 790 | 359.1 | 35.6 | 1.01 |
| 1 | 27 | 23.3 | 10.6 | 1.163 | 29.5 | 1.049 | 26.60 | 200 | 61 | 3000 | 915.0 | 699 | 317.7 | 33.7 | 0.95 |
| 1-1/4 | 35 | 34.7 | 15.8 | 1.510 | 38.4 | 1.380 | 35.05 | 50 | 15.2 | 2000 | 610.0 | 694 | 315.5 | 35.0 | 0.99 |
| 1-1/2 | 41 | 40.2 | 18.3 | 1.740 | 44.2 | 1.610 | 40.89 | 50 | 15.2 | 1500 | 457.5 | 603 | 274.1 | 34.2 | 0.97 |
| 2 | 53 | 51.2 | 23.3 | 2.197 | 55.8 | 2.067 | 52.50 | - | | 1200 | 366.0 | 614 | 279.3 | 46.7 | 1.32 |
| 2-1/2 | 63 | 74.6 | 33.9 | 2.875 | 73.0 | 2.731 | 69.36 | - | | 610 | 186.1 | 455 | 206.8 | 41.5 | 1.18 |
| 3 | 78 | 91.1 | 41.4 | 3.500 | 88.9 | 3.356 | 85.24 | - | | 510 | 155.6 | 465 | 211.2 | 48.9 | 1.38 |
| 3-1/2 | 91 | 120.1 | 54.6 | 4.000 | 101.6 | 3.834 | 97.38 | - | | 370 | 112.9 | 444 | 202.0 | 48.6 | 1.38 |
| 4 | 103 | 135.5 | 61.6 | 4.500 | 114.3 | 4.334 | 110.08 | - | | 300 | 91.5 | 407 | 184.8 | 48.3 | 1.37 |

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 1/2" 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



Electrical Agencies Company
7603 Miller Drive Unit A
Frederick, CO 80504
Orders@eactsc.com
Quotes@eactsc.com
Phone: 303-363-4152
Kevin Cell: 303-818-9184
Deven Cell: 303-408-4824

www.eactsc.com
www.americanconduit.com

