



# 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

#### **Enhanced Performance**

- Explosion proof, non-sparking, non-magnetic
- Meets all National Electrical Codes – Article 500 Hazardous Area Requirements



**Aluminum** Replaces Steel in Virtually **All Locations**

[www.americanconduit.com](http://www.americanconduit.com)

**American Conduit by Sapa**  
1512 Industry Drive  
Burlington, NC 27216  
Phone: 800-334-6825

## 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					
U.S.	Metric	lb.	kg.	in.	mm	in.	mm	ft.	m	Quantity		Approx. Wt.		Volume	
										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



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