

Republicconduit's™ *Electrunite*® Electrical Metallic Tubing (EMT)

No Hassle Quality Guarantee

If at any time within one year of the date of shipment of our Republicconduit™ products from our facilities, you are not satisfied with the quality of the electrical conduit products purchased from Republicconduit™, we will promptly replace the material – free of charge. This guarantee applies to all of our electrical conduit products except where environmental conditions preclude one year of service life.

EMT Dimensions and Weights Chart

The values stated in feet/pound units are to be the standard. The metric equivalents may be approximate.

Trade Size Designator		Outside Diameter		Nominal Inside Diameter		Nominal Wall Thickness		Nominal Weight Per 100 Feet		Feet Per	Standard Lifts Weight			
US	Metric	IN	mm	IN	mm	IN	mm	LBS	KG	Bundle	FEET	M	LBS	KG
½*	16	.706	17.93	.622	15.80	.042	1.07	30	13.6	100	7000	2135.0	2100	952.4
¾*	21	.922	23.42	.824	21.00	.049	1.25	46	20.9	100	5000	1525.0	2300	1043.1
1*	27	1.163	29.54	1.049	26.60	.057	1.45	67	30.4	100	3000	915.0	2010	911.6
1-1/4	35	1.510	38.35	1.380	35.05	.065	1.65	101	45.8	50	2000	610.0	2020	916.1
1-1/2	41	1.740	44.20	1.610	40.89	.065	1.65	116	52.6	50	1500	457.5	1740	789.1
2	53	2.197	55.80	2.067	52.50	.065	1.65	148	67.1	30	1200	366.0	1776	805.4
2-1/2**	63	2.875	73.03	2.731	69.36	.072	1.83	216	98.0	---	610	186.1	1318	597.7
3**	78	3.500	88.90	3.356	85.24	.072	1.83	263	119.3	---	510	155.6	1341	608.2
3-1/2**	91	4.000	101.6	3.834	97.38	.083	2.11	349	158.3	---	370	112.9	1291	585.5
4**	103	4.500	114.3	4.334	110.08	.083	2.11	393	178.2	---	300	91.5	1179	534.7

All sizes furnished in 10' lengths. Applicable length tolerance: length = ±1/4" (±6.35 mm).

*Furnished bearing the INCH-MARKED and GUIDE-LINED trademarks and with knurled inside finish.

**OD size same as corresponding trade sizes of rigid conduit.

OUTSIDE DIAMETER:

For trade sizes through 2: ±0.005" (±0.13 mm)

For trade size 2-1/2: ±0.010" (±0.25 mm)

For trade size 3: ±0.015" (±0.38 mm)

For trade sizes 3-1/2 and 4: ±0.020" (±0.51 mm)

EMT Conduit Color Code – Bundle Tape Chart

PRODUCT	SIZE, IN.	COLOR CODE	METHOD
EMT Steel Conduit	¼ sizes	Red	Tape
	½ sizes	Black	Tape
	1 sizes	Blue	Tape

Specifications

Architects desiring to specify *Electrunite*® EMT should include the following description: Electrical conductors shall be enclosed in *Electrunite*® EMT in accordance with the National Electrical Code. Electrical metallic tubing shall be mild steel, electrically welded, galvanized, and produced to the following specifications:

- American National Standards Institute – American National Standard for Steel Electrical Metallic Tubing, (EMT) ANSI, C80.3
- Underwriters Laboratories Standard for Electrical Metallic Tubing – Steel, UL 797
- National Electric Code, 2002 Article 358 (1999 NEC, Article 348)
- Federal Specification WW-C-563

The above specification may still be referenced, however the federal government has canceled it and has adopted the UL 797 and ANSI C80.3 standards



Demand The Brand®

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