

The values stated in feet / pound units are standard. The metric equivalents may be approximate. Conduit is always identified by its English or Metric Trade Size Designator.

1/2", 3/4", and 1" sizes of Republic's Electrunite® are furnished bearing the Inch-Marked® and Guide-Lined® trademarks, and with Diamond Knurled inside finish for easier wire pull / push.

Applicable length tolerance is 3.05 m ± 6 mm.

2 1/2", 3", and 4" OD sizes are the same as corresponding trade sizes of Galvite® Rigid Steel Conduit.

Trade Size Designator		Outside Diameter (OD)		Nominal Inside Diameter (ID)		Nominal Wall Thickness		Nominal Weight per 100 Feet		Feet per Bundle	Standard Lifts				Color Code	Method
											Length		Weight			
US	Metric	in	mm	in	mm	lbs	kg	lbs	kg		feet	m	lbs	kg		
1/2"	16	0.706	17.9	0.622	15.8	0.042	1.07	29	13.2	100	2500	762.5	725	328.8	Black	Tape
3/4"	21	0.922	23.4	0.824	20.9	0.049	1.24	44	20.9	100	2000	610	880	399.1	Red	Tape
1"	27	1.163	29.5	1.049	26.6	0.057	1.45	66	30.4	100	1000	305	660	299.3	Blue	Tape
1 1/4"	35	1.51	38.4	1.38	35.1	0.065	1.65	97	45.8	50	500	152.5	485	220	Red	Tape
1 1/2"	41	1.74	44.2	1.61	40.9	0.065	1.65	113	52.6	50	500	152.5	565	256.2	Black	Tape
2"	53	2.197	55.8	2.067	52.5	0.065	1.65	140	67.1	30	500	152.5	700	317.5	Blue	Tape
2 1/2"	63	2.875	73	2.731	69.4	0.072	1.83	225	98	–	250	76.3	563	255.1	Black	Tape
3"	78	3.5	88.9	3.356	85.2	0.072	1.83	249	119.3	–	200	61	498	225.9	Blue	Tape
4"	103	4.5	114.3	4.334	110.1	0.083	2.11	370	178.2	–	100	30.5	370	167.8	Blue	Tape

Outside Diameter

For trade sizes 1/2" through 1 1/2" ± .13 mm

For trade size 2" ± .15 mm

Outside Diameter

For trade size 2 1/2" ± .25 mm

For trade size 3" ± .38 mm

Outside Diameter

For trade size 4" ± .51 mm

Specifications*

Our products are manufactured to the highest standards of the American National Standards Institute (ANSI) and Underwriters Laboratories (UL). Architects desiring to specify Republic's 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:

- UL Standard for Electrical Metallic Tubing-Steel, UL797 (Trinational Registration Covering CSA C22.2 No. 83.1-07 and ANCE NMX-J-536-ANCE-2007), File # E7485
- National Electric Code, 2002 Article 358 (1999 NEC, Article 348)
- Federal Specification WW-C-563

The above Federal Specification WW-C-563 may still be referenced, however the federal government has canceled it and has adopted the UL 797 and ANSI C80.3 standards.

* All orders are subject to Republic Conduit's Terms and Conditions, a copy of which is available upon request.