

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.

Republic's Galvite® Electrical Rigid Metal Conduit-Steel (Galvite® ERMC-S) is provided in nominal lengths with both ends threaded.

Republic's Galvite ERMC-S is provided with a coupling on one end and a thread protector on the other.

Applicable length tolerance is 3.05 m ± 6 mm.

Trade Size Designator		Outside Diameter (OD)		Nominal Inside Diameter (ID)		Nominal Weight per 100 Feet		Feet per Bundle	Standard Lifts				Treads per Inch	Color Code	Method
									Length		Weight				
									feet	m	lbs	kg			
US	Metric	in	mm	in	mm	lbs	kg								
1/2"	16	0.84	21.3	0.622	15.8	82	37.2	100	2000	610	1640	743.8	14	Black	End Caps
3/4"	21	1.05	26.7	0.824	20.9	109	49.4	50	1000	305	1090	494.3	14	Red	End Caps
1"	27	1.315	33.4	1.049	26.6	161	73	50	1000	305	1610	730.2	11.5	Blue	End Caps
1 1/4"	35	1.66	42.2	1.38	35.1	218	98.9	30	450	137.3	981	444.9	11.5	Red	End Caps
1 1/2"	41	1.9	48.3	1.61	40.9	263	119.3	30	450	137.3	1184	536.7	11.5	Black	End Caps
2"	53	2.375	60.3	2.067	52.5	350	158.7	–	200	61	700	317.5	11.5	Blue	End Caps
2 1/2"	63	2.875	73	2.469	62.7	559	253.5	–	200	61	1118	507	8	Black	End Caps
3"	78	3.5	88.9	3.068	77.9	727	329.7	–	200	61	1454	659.4	8	Blue	End Caps
3 1/2"	91	4	101.6	3.548	90.1	880	399.1	–	100	30.5	880	399.1	8	Black	End Caps
4"	103	4.5	114.3	4.026	102.3	1030	467.1	–	100	30.5	1030	467.1	8	Blue	End Caps

Outside Diameter

For trade sizes 1/2" through 1 1/2" + .40 mm - .79 mm

For trade size 2" through 4" ± 1%

Specifications*

Our products are manufactured to the highest standards of the American National Standards Institute (ANSI) and Underwriters Laboratories (UL). Republic Conduit's Galvite ERMC-S is listed in UL category DYIX7 and is recognized as an equipment grounding conductor by NEC Article 250. Architects desiring to specify Galvite ERMC-S from Republic should include the following description: Electrical conductors shall be enclosed in Galvite ERMC-S in accordance with the National Electrical Code. Rigid steel conduit shall be mild steel, manufactured, hot-dipped galvanized, and produced to the following specifications:

- ANSI – American National Standard for Electrical Rigid Steel Conduit (ERSC) ANSI, C80.1
- UL Standard for Electrical Rigid Metal Conduit-Steel, UL 6, (Trinational Registration Covering CSA C22.2 No. 45.1-07 and ANCE NMX-J-534-ANCE-2007), File # E104582
- National Electric Code, 2002 Article 344 (1999 NEC, Article 346)
- Federal Specification WW-C-581 (Class 1 Type A)

The above Federal Specification WW-C-581 (Class 1 Type A) may still be referenced; however, the federal government has canceled it and adopted the UL 6 standard.

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