

Features & Specifications

E-Z Pull® EMT

- Hot galvanized steel using patented in-line Flo-Coat® process for long lasting exterior protection
- E-Z Pull® interior coating provides a smooth raceway for fast, easier wire-pulling
- Excellent mechanical protection for conductors
- Ductility for faster and easier bending
- Optimal EMI shielding characteristics
- Listed to Safety Standard UL 797
- Manufactured in accordance with ANSI C80.3
- Available in trade sizes 1/2" (16 mm) - 4" (103 mm)



Manufactured for Long Life

Calconduit EMT is precision manufactured from high grade mild strip steel for exceptional durability and long-lasting life. Calconduit EMT is hot galvanized using a patented in-line Flo-Coat® process. This process combines zinc, a conversion coating and a clear organic polymer topcoat to form a triple layer of protection against corrosion and abrasion.

E-Z Pull® EMT combines strength with ductility, providing easy bending, cutting and joining while resisting flattening, kinking and splitting. Available in trade sizes 1/2" (16 mm) - 4" (103 mm).

Coatings

Calconduit EMT has a special low friction ID coating called E-Z Pull® that greatly improves the slip properties between conduit and wire. With E-Z Pull® EMT, wire pulls through the EMT smoothly and easily, making installation easier and faster.

EMI Shielding

Calconduit EMT is effective in reducing electromagnetic field levels for encased power distribution circuits, shielding computers and othersensitive electronic equipment from the effects of electromagnetic interference

Codes & Standards Compliance

- UL 797 Listed
- Manufactured in accordance with ANSI C80.3
- EMT is recognized as an equipment grounding conductor by NEC section 250.118
- Calconduit EMT is listed in category FJMX
- Master bundles conform to NEMA Standard RN

Electrical Metallic Tubing (EMT) Weights and Dimensions

Listed to Safety Standard UL 797

Manufactured in accordance with ANSI C80.

Trade Size	Metric Designator	Average Outside Diameter ¹		Nominal Wall Thickness		Approximate Weight Per 100ft (30.5m)		Master Bundle Quantity*	
		in	mm	in	mm	lb	kg	ft	m
1/2	16	0.706	17.93	0.042	1.07	30	13.6	7000	2135.0
3/4	21	0.922	23.42	0.049	1.24	46	20.9	5000	1525.0
1	27	1.163	29.54	0.057	1.45	67	30.4	3000	915.0
1 1/4	35	1.510	38.35	0.065	1.65	101	45.8	2000	610.0
1 1/2	41	1.740	44.20	0.065	1.65	116	52.6	1500	457.5
2	53	2.197	55.80	0.065	1.65	148	67.1	1200	366.0
2 1/2	63	2.875	73.03	0.072	1.83	216	98.0	610	186.1
3	78	3.500	88.90	0.072	1.83	263	119.3	510	155.6
3 1/2	91	4.000	101.60	0.083	2.11	349	158.3	370	112.9
4	103	4.500	114.30	0.083	2.11	393	178.3	300	91.5

¹Outside diameter tolerances:

+/- .005 (in) (.13mm) for trade sizes 1/2" (16mm) through 2" (53mm)

+/- .010 (in) (.25mm) for trade sizes 2 1/2" (63mm)

+/- .015 (in) (.38mm) for trade size 3" (78mm)

+/- .020 (in) (.51mm) for trade sizes 3 1/2" (91mm) and 4" (103mm)

* NEMA RN 2 Standard