

E-Z PULL EMT

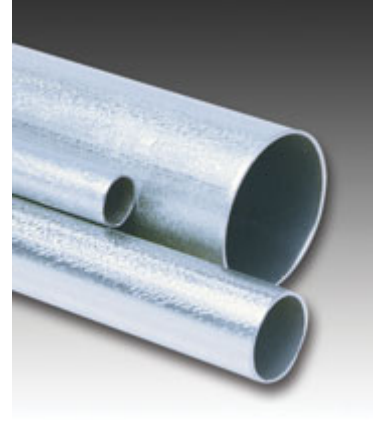
Electrical Metallic Tubing (EMT) / E-Z Pull® EMT



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INTERNATIONAL

Quality electrical metallic tubing with the E-Z Pull® interior coating. Hot galvanized steel using patented inline Flo-Coat® process for long lasting exterior protection.

- E-Z Pull® interior coating provides a smooth surface for faster wire pulling
- Excellent mechanical protection for conductors
- Ductility for faster and easier bending
- High grade mild strip steel for durability and longer life
- Listed to Underwriters Laboratories Safety Standard UL 797
- Manufactured in accordance with ANSI C80.3
- Available in 45°, 90°, and Large Radius 90° Elbows
- Available in trade sizes ½ (16) – 4 (103)



Features & Specifications

Manufactured for Long Life

Allied Tube & Conduit® EMT is precision manufactured from high grade mild strip steel for exceptional durability and long-lasting life. Allied EMT is hot galvanized using a patented inline 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 sizes 1/2 (16) – 4 (103).

Coatings

Allied's EMT (Electrical Metallic Tubing) 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

Allied EMT is very effective in reducing electromagnetic field levels for encased power distribution circuits, shielding computers and other sensitive electronic equipment from the effects of electromagnetic interference. Find more information on EMT shielding via the **GEMI** (Grounding and Electro-Magnetic Interference) software analysis program.

Codes & Standards Compliance

Allied EMT is listed to Underwriters Laboratories Safety Standard UL 797 and meets ANSI C80.3. These standards have been adopted as federal specifications in lieu of WWC 563. EMT is recognized as an equipment grounding conductor by NEC Section 250-118. Documentation for compliance with NEC Article 250 is also available in the **GEMI** (Grounding and Electro-Magnetic Interference) analysis software and related research studies.

Installation of EMT shall be in accordance with the National Electrical Code and the UL listing information. Allied EMT is listed in category FJMX. Master bundles conform to NEMA Standard RN2.

Specification Data

To specify Allied EMT, include the following: Electrical Metallic Tubing shall be equal to that manufactured by Allied Tube & Conduit® Corporation. EMT shall be hot galvanized steel O.D. with an organic corrosion resistant I.D. coating, and shall be listed to UL Safety Standard 797 and manufactured in accordance with ANSI C80.3.



Listed to Underwriters Laboratories Safety Standard UL 797
Manufactured in accordance with ANSI C80.3

Electrical Metallic Tubing (EMT) and True Color™ EMT

TRADE SIZE	METRIC		OUTSIDE DIAMETER*		NOMINAL WALL THICKNESS**		APPROX WEIGHT/100 FT (30.5M)		RED AND GALVANIZED MASTER BUDLE QTY			TRUE COLOR™ *** BUNDLE QTY	
in	mm		in	mm	lb	kg	ft		m	ft	m		
1/2	16		0.706	17.93	0.042	1.07	30		13.60	7000	2135	3500	1066.8
3/4	21		0.922	23.42	0.049	1.24	46		20.90	5000	1525	2500	762
1	27		1.163	29.54	0.057	1.45	67		30.40	3000	915	1500*	457.2
1 1/4	35		1.510	38.35	0.065	1.65	101		45.80	2000	610	2000	609.6
1 1/2	41		1.740	44.20	0.065	1.65	116		52.60	1500	457.5	1500	457.2
2	53		2.197	55.80	0.065	1.65	148		67.10	1200	366	1200	365.7
2 1/2	63		2.875	73.03	0.072	1.83	216		98.00	610	186.1	610	185.9
3	78		3.500	88.90	0.072	1.83	263		119.30	510	155.6	510	155.4
3 1/2	91		4.000	101.60	0.083	2.11	349		158.30	370	112.9	370	112.7
4	103		4.500	114.30	0.083	2.11	393		178.30	300	91.5	300	91.5

*Outside 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).
**Blue trade size 1 master bundle size: 3000 ft / 915 m
***Other Color Trade Sizes 2 - 4 are available thru special order
NOTE: Length = 10 ft. (3.05m) with a tolerance of +/- .25 in. (6.35 mm)