

EMT

QUALITY, EASY-TO-INSTALL ELECTRICAL METALLIC TUBING

MANUFACTURED FOR LONG LIFE

This EMT is precision manufactured from high grade mild strip steel for exceptional durability and long-lasting life.

This EMT is hot galvanized using Patented in-line Flo-Coat® process. This process combines zinc, chromate, and a clear organic polymer top-coat to form a triple layer of protection against corrosion and abrasion.

This EMT provides radiation protection and magnetic shielding, while its uniform wall thickness provides resistance to physical damage from impact or crushing.

INSTALLS QUICKLY AND EASILY

The EMT's quality steel combines damage resistant strength with ductility to provide easy bending, cutting and joining to prevent waste of time and material. It resists flattening, kinking or splitting, resulting in faster and easier installations.

This EMT provides smooth continuous raceways for fast wire-pulling. The interior wall of the EMT is protected with a specially

formulated corrosion resistant lubricating coating for easier fishing and wire-pulling. No need to worry about damage to the conduit system even when pulling through multiple 90° bends.

FULL CODES AND STANDARDS COMPLIANCE

This EMT is U.L. listed and recognized by the National Electrical Code. It meets the Underwriters Laboratories' Standard for EMT, U.L. 797. The EMT is also manufactured to meet the requirements of ANSI C80.3. Federal Specifications now use U.L. 797 and ANSI C80.3 in lieu of WWC 563. Recognized as an equipment grounding conductor (NEC Article 250-91b).

Installation of EMT shall be in accordance with the National Electrical Code and U.L. General Information Card #FJMX.

Master bundles conform to NEMA Standard RN2.

SPECIFICATION DATA

To specify the EMT, include the

following: Electrical Metallic Tubing shall be equal to that manufactured by the Tube & Conduit standards. EMT shall be hot galvanized steel O.D. with an organic corrosion resistant I.D. coating and shall be produced in accordance with U.L. Safety Standard #797 and ANSI C80.3 and shall be listed by a nationally recognized testing laboratory with follow-up service. Where **Kwik-Fit EMT** is used it shall also meet U.L. Safety Standard #514-B. It is noted that these U.L. and ANSI standards have been adopted by the federal government and separate military specifications no longer exist.

KWIK-FIT EMT- A NEW INNOVATION FROM THE CONDUIT LEADER

The Kwik-Fit EMT has an integral steel set-screw coupling formed on one end of each length of EMT. Specifying U.L. listed Kwik-Fit EMT ensures an all steel system—both conduit and coupling—for excellent strength and ground return, as well as economy. Contact our company for detailed specifications on Kwik-Fit EMT. Available in trade sizes 2-1/2-4.

Weights and Dimensions for Electrical Metallic Tubing

Trade Size Designator		Approx. Wt. Per 100 Ft. (30.5M)		Nominal Outside Diameter ¹		Nominal Wall Thickness		Quantity In Primary Bundle		Master Bundles					
										Quantity		Approx. Wt.		Volume	
U.S.	Metric	lb.	kg	in.	mm	in.	mm	ft.	m	ft.	mm	lb.	kg	cu ft.	cu m
1/2	16	30	13.6	0.706	17.9	0.042	1.07	100	30.5	7000	2135.0	2100	952.4	28.7	0.81
3/4	21	46	20.9	0.922	23.4	0.049	1.25	100	30.5	5000	1525.0	2300	1043.1	35.6	1.01
1	27	67	30.4	1.163	29.5	0.057	1.45	100	30.5	3000	915.0	2010	911.6	33.7	0.95
1-1/4	35	101	45.8	1.510	38.4	0.065	1.65	50	15.2	2000	610.0	2020	916.1	35.0	0.99
1-1/2	41	116	52.6	1.740	44.2	0.065	1.65	50	15.2	1500	457.5	1740	789.1	34.2	0.97
2	53	148	67.1	2.197	55.8	0.065	1.65	-	-	1200	366.0	1776	805.4	46.7	1.32
2-1/2	63	216	98.0	2.875	73.0	0.072	1.83	-	-	610	186.1	1318	597.7	41.5	1.18
3	78	263	119.3	3.500	88.9	0.072	1.83	-	-	510	155.6	1341	608.2	48.9	1.38
3-1/2	91	349	158.3	4.000	101.6	0.083	2.11	-	-	370	112.9	1291	585.5	48.6	1.38
4	103	393	178.2	4.500	114.3	0.083	2.11	-	-	300	91.5	1179	534.7	48.3	1.37

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).

NOTE: Length = 10 ft. (3.05m) with a tolerance of ± .25" (6.35 mm).

