



PROVIDENCE PIPE PRODUCTS

ELECTRICAL METALLIC TUBING (EMT)



GENERAL

Providence EMT is manufactured from high grade flat-rolled steel. Produced by the electric resistance welding process, the finished tube is uniform in OD size, wall thickness, a defect free interior surface and smoothly welded seams. The 1/2 inch - 1 1/2 inch EMT are made from zinc coils. The 2 inch - 4 inch EMT are produced using an inline galvanizing process. The surface of all of them is thoroughly coated zinc, so that the metal to metal contact and galvanic protection against corrosion are provided. Additionally, the exterior is protected by a clear zinc chromate coating. The interior surface quality provides smooth continuous raceways for easy and fast wiring pulling. Its excellent ductility provides easy bending, cutting and joining to prevent waste of time and materials.

APPLICATION

Galvanized Steel Electrical Metallic Tubing, National Electrical Code (NEC)[®] 2002 Article 358, can be installed indoors or outdoors, exposed or concealed in all kinds of atmospheric conditions, and in hazardous locations, when in accordance with NEC[®] 502.4, 503.3 and 504.20 and providing it is not subject to sever physical damage during and after installation and is properly protected against corrosion.

Also, it provides mechanical protection for the conductors while reducing Electro-Magnetic Field (EMF) exposure and shielding against Electro Magnetic Interference (EMI).

Galvanized Steel Electrical Metallic Tubing is an approved equipment grounding conductor under the 2002 NEC[®] Section 250.118(4). The NEC[®] established the minimum requirements for the safe electrical installation. Because of the varied environments in which electrical equipment is installed, local amendments are often added. Always Consult local codes prior to installation.

DIMENSIONS AND WEIGHT CHART

EMT SIZE	MASTER BUNDLE WEIGHT		MASTER BUNDLE QUANTITY		OUTSIDE DIAMETER		MIN. WALL THICKNESS	
	In.	lbs.	ft.	Pieces	In.	mm	In.	mm
1/2"		2250	7000	700	0.71	17.93	0.04	1.02
3/4"		2440	5000	500	0.92	23.42	0.046	1.18
1"		2040	3000	300	1.16	29.54	0.053	1.37
1-1/4"		2090	2000	200	1.51	38.35	0.062	1.57
1-1/2"		1820	1500	150	1.74	44.2	0.062	1.57
2"		1850	1200	120	2.19	55.8	0.062	1.57
2-1/2"		1320	610	61	2.88	73.03	0.069	1.74
3"		1350	510	51	3.5	88.9	0.069	1.74
3-1/2"		1290	370	37	4	101.6	0.077	1.97
4"		1180	300	30	4.5	114.3	0.078	1.99

QUALITY YOU CAN RELY ON .



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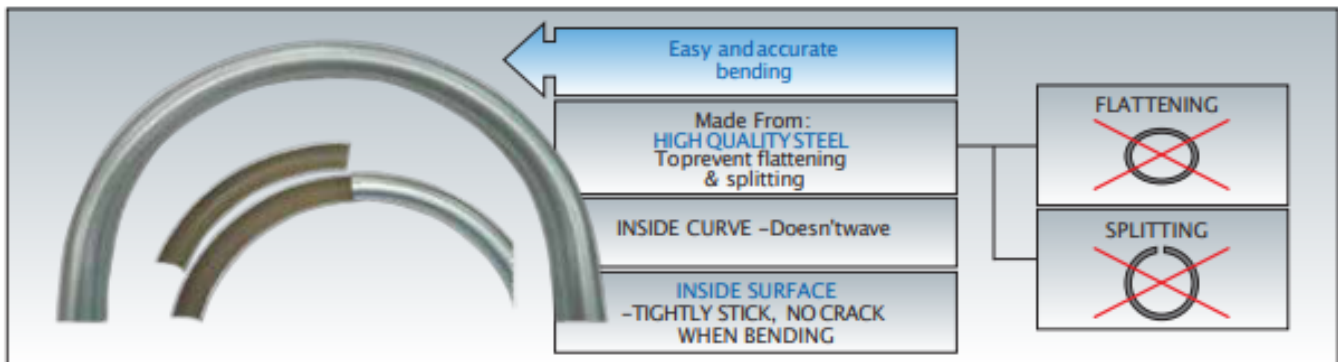
SUPERB INSIDE SURFACE

SPECIAL COATING TECHNOLOGY. RUST PROOF AND SMOOTH SEAM.



SUPERB BENDING

EXCLUSIVE MATERIAL AND PROCESS - SMOOTH AND NO DAMAGE IN ANY BENDING ANGLE



SPECIFICATIONS

Providence galvanized steel EMT is manufactured in accordance with the latest edition of the following:

American National Standards Institute (ANSI) - American National Standard for Steel Electrical Metallic Tubing, ANSI® C80.3.

Underwriting Laboratories Standard for EMT-Steel, UL 797

National Electric Code ® 2002-Article 358 (1999 NEC Article 343)

Federal Specification - WW-C_563.

The above specification may still be referenced, however the federal government has canceled it and adopted the UL797 and ANSI C80.3 standard.

Additional information can be found in the Underwriters Laboratories Inc., General Information for Electrical Equipment Directory. The UL product category for EMT is FJMX.