

PRODUCT INTRODUCTION

Electroline's Galvanized Steel Electrical Metallic Tubing (EMT) is excellent electrical conduit to be used currently and available in the marketplace.

Electroline EMT is manufactured from high-strength steel, and produced with the electric resistance welding process.

The interior and exterior surfaces of Electroline EMT are free from defect with a smooth welded seam, and are thoroughly and evenly coated with zinc with hot dip galvanizing process, so that metal-to-metal contact and galvanic protection against corrosion are provided.

The surface of Electroline EMT adopt the clear post-galvanizing coating to provide further protection against corrosion. The interior surface provides a smooth continuous raceway for easy wire pulling. Our EMT conduit has excellent ductility providing for uniform bending, cutting in the field.

EMT is produced in normal trade sizes from 1/2" to 4". EMT is produced in standard lengths of 10 feet (3.05 m). The quantity in bundle and master bundle is as per table below. Bundles of finished EMT are identified with color coded tape for easy size identification.

FEATURES AND BENEFITS

Consistent Quality – We manufacture for long life; it is durable, strong, and suitable for bending. The steel is welded to ensure quality standards are met strictly. We do not have any trouble with welds spiting or wrinkling from severe bending caused by improper raw materials or poor quality control during pipe welding. The product is easy to cut, form and join.

Excellent ID smoothness - We manufacture the pipes with removing ID flash during pipe making and putting protective coating over galvanizing to provide longer life cycle and excellent smoothness and more wire capacity together with no hassle in stripping wire and less friction between wall and wire.

Lower Life-cycle costs – Electroline resists cracking, flaking, peeling, impact, and damage from severe bending. Electroline's physical and mechanical properties ensure that the pipe has an extended life cycle, which is great to usage or to storage without trouble in quality.

Protection from Environmental Damage and Mechanical Use – the thorough inside and outside zinc coating of Electroline provides enhanced, second to none corrosion protection.



SPECIFICATIONS

Electroline EMT is manufactured in accordance with the latest edition of the following:

- American National Standard for Rigid Steel EMT (ANSI® C80.3)
- Underwriters Laboratories Standard for EMT-Steel (UL797)
- National Electric Code® 2002 Article 358 (1999 NEC® Article 348)

Additional information on the titles and designations of standards or requirements that have been used for the investigation of products in a specific category can be found in the Underwriters Laboratories Inc. ®, General Information for Electrical Equipment directory. The UL product category for Electrical Metallic Tubing (EMT) is FJMX.

DIMENSION AND WEIGHT CHART (EMT & COLOR EMT)

Trade Size		Nominal Wt. per100Ft(30.5M)		Nominal Outside Diameter		Nominal Wall Thickness	
U.S.	Metric	Lbs	Kg	In.	mm	In.	mm
1/2"	16	30	13.5	0.706	17.93	0.042	1.07
3/4"	21	46	20.7	0.922	23.42	0.049	1.24
1"	27	67	30.6	1.163	29.54	0.057	1.45
1-1/4"	35	101	45.6	1.510	38.35	0.065	1.65
1-1/2"	41	116	52.8	1.740	44.20	0.065	1.65
2"	53	148	67.2	2.197	55.80	0.065	1.65
2-1/2"	63	216	97.9	2.875	73.03	0.072	1.83
3"	78	265	120.0	3.500	88.90	0.072	1.83
3-1/2"	91	348	158.0	4.000	101.60	0.083	2.11
4"	103	392	178.0	4.500	114.30	0.083	2.11

PACKING SCHEDULE (EMT & COLOR EMT)

Trade Size		Color Tape	Quantity in Bundle		Quantity per Master Bundle				Weight/Lift	
U.S.	Metric		Feet	Meters	PCS	BD's	Feet	Meters	Lbs	Kg
1/2"	16	Black	100	30.5	700	70	7000	2134	2083	945
3/4"	21	Red	100	30.5	500	50	5000	1524	2282	1035
1"	27	Blue	100	30.5	300	30	3000	914	2024	918
1-1/4"	35	Red	50	15.2	200	40	2000	610	2011	912
1-1/2"	41	Black	50	15.2	150	30	1500	457	1746	792
2"	53	Blue	30	9.14	120	40	1200	366	1777	806
2-1/2"	63	Black	-	-	61	-	610	186	1316	597
3"	78	Blue	-	-	51	-	510	155	1349	612
3-1/2"	91	Black	-	-	37	-	370	113	1290	585
4"	103	Blue	-	-	30	-	300	91	1177	534

APPLICABLE TOLERANCES

Length: 10Ft (3.05m) ± ¼" (±6.35mm).

Outside Diameter: ½"-2" ±0.005"

(±0.13mm); 2½" ±0.010" (±0.25mm); 3"

±0.015" (±0.38mm); 3½"-4" ±0.020"

(±0.51mm)

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