

PRODUCT INTRODUCTION

Thin-Wall Conduit or Electrical Metallic Tubing (EMT), is a listed steel raceway (Article 358 of the NEC) of circular cross section, unthreaded, and nominally 10' long. EMT (Thin-Wall) Conduit is available in trade sizes ½" through 4". EMT Conduit must be protected against corrosion on the outside and inside. EMT Conduit is installed by use of listed compression or set-screw type couplings and connectors.

FEATURES AND BENEFITS OF ELECTROLINE® EMT

- Hot Dipped Galvanized, inside and outside providing enhanced, second to none corrosion protection and as such, metal-to-metal contact and galvanic protection against corrosion are provided.
- Manufactured with high-strength steel, and welded by electric resistance welding process.
- The exterior surface has a clear post-galvanizing coating to provide additional protection against corrosion.
- The interior surface provides a smooth continuous raceway for easy and hassle-free wire pulling.
- Both surfaces are free from deflection with a smooth welded seam.
- Excellent ductility, providing uniform bending and cutting in the field.
- Consistent Quality for long life; durable, strong, and suitable for bending.
- Protection from environmental damage and mechanical abuse.



ELECTRICAL METALLIC TUBING (EMT)

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)

Catalog Number	Trade Size		Nominal Wt. per 100ft (30.5M)		Nominal Outside Diameter		Nominal Wall Thickness	
	U.S.	Metric	Lbs	Kg	Inch	mm	Inch	mm
E-EMT 050	½"	16	30	13.5	0.706	17.93	0.042	1.07
E-EMT 075	¾"	21	46	20.7	0.922	23.42	0.049	1.24
E-EMT 100	1"	27	67	30.6	1.163	29.54	0.057	1.45
E-EMT 125	1-¼"	35	101	45.6	1.510	38.35	0.065	1.65
E-EMT 150	1-½"	41	116	52.8	1.740	44.20	0.065	1.65
E-EMT 200	2"	53	148	67.2	2.197	55.80	0.065	1.65
E-EMT 250	2-½"	63	216	97.9	2.875	73.03	0.072	1.83
E-EMT 300	3"	78	265	120.0	3.500	88.90	0.072	1.83
E-EMT 350	3-½"	91	348	158.0	4.000	101.60	0.083	2.11
E-EMT 400	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
½"	16	Black	100	30.5	700	70	7000	2134	2083	945
¾"	21	Red	100	30.5	500	50	5000	1524	2282	1035
1"	27	Blue	100	30.5	300	30	3000	914	2024	918
1-¼"	35	Red	50	15.2	200	40	2000	610	2011	912
1-½"	41	Black	50	15.2	150	30	1500	457	1746	792
2"	53	Blue	30	9.14	120	40	1200	366	1777	806
2-½"	63	Black	-	-	61	-	610	186	1316	597
3"	78	Blue	-	-	51	-	510	155	1349	612
3-½"	91	Black	-	-	37	-	370	113	1290	585
4"	103	Blue	-	-	30	-	300	91	1177	534

APPLICABLE TOLERANCES

Length: 10ft (3.05m) ± 0.25" W (±6.35mm).

Outside Diameter: ½"-2" ±0.005" (±0.13mm); 2 ½" ±0.010" (±0.25mm); 3" ±0.015" (±0.38mm); 3 ½"-4" ±0.020" (±0.51 mm)

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