



Electrical Metallic Tubing - (EMT)

WEIGHTS AND DIMENSIONS

Trade Size	Metric Designator	Weight 10 Unit Lengths		Outside Diameter(1)		Inside Diameter(2)		Wall Thickness(2)	
		lb	kg	in.	mm	in.	mm	in.	mm
½	16	30	13.6	0.706	17.93	0.622	15.80	.042	1.07
¾	21	46	20.9	0.922	23.42	0.824	20.93	.049	1.24
1	27	67	30.4	1.163	29.54	1.049	26.64	.057	1.45
1¼	35	101	45.8	1.510	38.35	1.380	35.05	.065	1.65
1½	41	116	52.6	1.740	44.20	1.610	40.89	.065	1.65
2	53	148	67.1	2.197	55.80	2.067	52.50	.065	1.65
2½	63	216	98.0	2.875	73.03	2.731	69.37	.072	1.83
3	78	263	119.3	3.500	88.90	3.356	85.24	.072	1.83
3½	91	349	158.3	4.000	101.60	3.834	97.38	.083	2.11
4	103	393	178.3	4.500	114.30	4.334	110.08	.083	2.11

NOTES: (1) Outside diameter subject to UL 797 tolerances.
(2) For information only, not a UL 797 requirement.

PACKAGING

Trade Size	Metric Designator	Bundle Tape Color	Quantity Per Bundle		Quantity Per Lift				Weight Per Lift		Volume Per Lift	
			Feet	Meters	Pieces	Bundles	Feet	Meters	Pounds	Kilograms	Cu. Ft.	Cu. m
½	16	Black	100	30.5	—	70	7000	2134	2100	952.5	31.7	0.9
¾	21	Red	100	30.5	—	50	5000	1524	2300	1043.3	36.1	1.0
1	27	Blue	100	30.5	—	30	3000	914	2010	911.7	36.5	1.0
1¼	35	Red	50	15.2	—	40	2000	610	2020	916.3	38.2	1.1
1½	41	Black	50	15.2	—	30	1500	457	1740	789.3	37.9	1.1
2	53	—	—	—	120	—	1200	366	1776	805.6	46.7	1.3
2½	63	—	—	—	61	—	610	186	1318	597.8	41.5	1.2
3	78	—	—	—	51	—	510	155	1341	608.3	48.9	1.4
3½	91	—	—	—	37	—	370	113	1291	585.6	48.6	1.4
4	103	—	—	—	30	—	300	91	1179	534.8	50.0	1.4

Use of Wheatland Electrical Metallic Tubing in Conformance to the 2005 National Electrical Code®

Article 358

Electrical Metallic Tubing: Type EMT

I. General

358.1 Scope. This article covers the use, installation, and construction specifications for electrical metallic tubing (EMT) and associated fittings.

358.2 Definition.

Electrical Metallic Tubing (EMT). An unthreaded thinwall raceway of circular cross section designed for the physical protection and routing of conductors and cables and for use as an equipment grounding conductor when installed utilizing appropriate fittings. EMT is

generally made of steel (ferrous) with protective coatings or aluminum (nonferrous).

358.6 Listing Requirements. EMT, factory elbows, and associated fittings shall be listed.