EAST CONDUIT





WEIFANG EAST STEEL PIPE CO., LTD.

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FEATURES AND BENEFITS

Consistent Quality – We manufacture for long life; it is durable, strong, and suitable for harshest environmental conditions. The steel is welded to ensure quality standards are met strictly. The inside surface of the pipe is obstruction-free and extra smooth, making wire pulling and pushing easy and reducing friction between wall and wire. The product is easy to cut, form and join.

Excellent ID smoothness - We manufacture the pipes with removing ID flash during pipe making and smoothing out ID from zinc dross after galvanizing to provide excellent smoothness and more wire capacity together with no hassle in stripping wire.

Lower Life-cycle costs – East conduit resists cracking, flaking, peeling, impact, and damage from severe bending. Its physical and mechanical properties ensure that the pipe has an extended life cycle and helps for usage or storage without trouble in quality.

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



SPECIFICATIONS

East Conduit Rigid pipe is manufactured in accordance with the latest edition of the following:

- American National Standards Institute (ANSI®)
- American National Standard for Rigid Steel Tubing (ANSI® C80.1)
- Underwriters Laboratories Standard for Rigid Steel Tubing (UL6)
- National Electric Code® 2002 Article 344 (1999 NEC Article 346)

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 Rigid Ferrous Metal Conduit is DYIX.

DIMENSION AND WEIGHT CHART (RIGID)

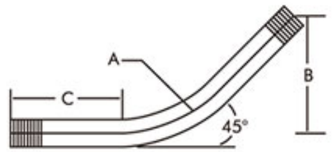
Trade Size		Nominal Wt. per 100Ft(30.5M)		Nominal Outside Diameter		Nominal Wall Thickness	
U.S.	Metric	Lbs	Kg	In.	mm	In.	mm
1/2"	16	82	37.2	0.840	21.34	0.104	2.64
3/4"	21	109	49.4	1.050	26.67	0.107	2.72
1"	27	161	73.0	1.315	33.40	0.126	3.20
1-1/4"	35	218	98.9	1.660	42.16	0.133	3.38
1-1/2"	41	263	119	1.900	48.26	0.138	3.51
2"	53	350	159	2.375	60.33	0.146	3.71
2-1/2"	63	559	254	2.875	73.03	0.193	4.90
3"	78	727	330	3.500	88.90	0.205	5.21
3-1/2"	91	880	399	4.000	101.60	0.215	5.46
4"	103	1030	467	4.500	114.30	0.225	5.72
5"	129	1400	635	5.563	141.30	0.245	6.22
6"	155	1840	835	6.625	168.28	0.266	6.76

APPLICABLE TOLERANCES

- Length:
  10Ft (3.05m) ± 1/4" (±6.35mm).

- Outside Diameter:
  1/2"-2" ±0.015" (±0.38mm); 2 1/2"-4" ±0.025" (±0.64mm);
  5"-6" ± 1%

• 45 DEGREE ELBOW



Size	Mini.UL Radius "A"		Straight Length "C"		Offset "B"		Weight per 100PCS		PCS/ Carton	Weight/ Carton	
	mm	in.	mm	in.	mm	in.	KG	LBS		KG	LBS
1/2"	102	4.016	48	1.870	64	2.520	21.3	47	50	10.67	24
3/4"	114	4.488	54	2.106	72	2.835	31.9	70	50	15.95	35
1"	146	5.748	58	2.264	84	3.307	55.0	121	35	19.27	42
1-1/4"	184	7.244	70	2.756	104	4.094	92.4	204	30	27.72	61
1-1/2"	210	8.268	83	3.248	120	4.724	128.8	284	15	19.31	43
2"	241	9.488	100	3.937	142	5.591	203.3	448	15	30.50	67
2-1/2"	267	10.512	115	4.528	160	6.299	366.4	808	50	183.21	404
3"	330	12.992	150	5.906	203	7.992	605.9	1336	40	242.36	534
3-1/2"	381	15.000	180	7.087	239	9.409	863.4	1903	35	302.19	666
4"	406	15.984	200	7.874	261	10.276	1102.4	2430	35	385.85	851
5"	610	24.016	281	11.063	377	14.843	2167.0	4777	BULK		
6"	762	30.000	323	12.717	452	17.795	3406.2	7509	BULK		

• REMARK: Elbows with special radius or special degree available upon request.



RIGID CONDUIT NIPPLES

PRODUCT INTRODUCTION

Rigid conduit Nipple is manufactured from high-strength conduit shell in according with the latest specifications and standards of ANSI C80.1(UL6).

The interior and exterior surfaces of nipples 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 nipples with short length are electric plated and the longer length ones adopt the clear post-galvanizing coating to provide further protection against corrosion.

Nipples are produced in normal trade sizes from 1/2" to 6", the lengths of the nipples including close nipples,1-1/2", 2", 2-1/2",3",3-1/2",4",5",6",8",10",12" or according to customer's request .

The nipples are used to connect the rigid steel conduit to extend the length of the conduit.





RIGID CONDUIT NIPPLES

• UL Certificate No.: E308290(177709-001)

ISO9001 CERTIFIED

c UL us LISTED

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 – East conduit resists cracking, flaking, peeling, impact, and damage from severe bending. Its physical and mechanical properties ensure that the pipe has an extended life cycle, which is great usage or storage without trouble in quality.

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



SPECIFICATIONS

East Conduit EMT pipe 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. per 100Ft(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

APPLICABLE TOLERANCES

- Length:
  10Ft (3.05m) ± 1/4" (±6.35mm).

- Outside Diameter:
  1/2"-2" ±0.005" (±0.13mm); 2 1/2" ±0.010" (±0.25mm); 3" ±0.015" (±0.38mm);
  3 1/2"-4" ±0.020" (±0.51mm)