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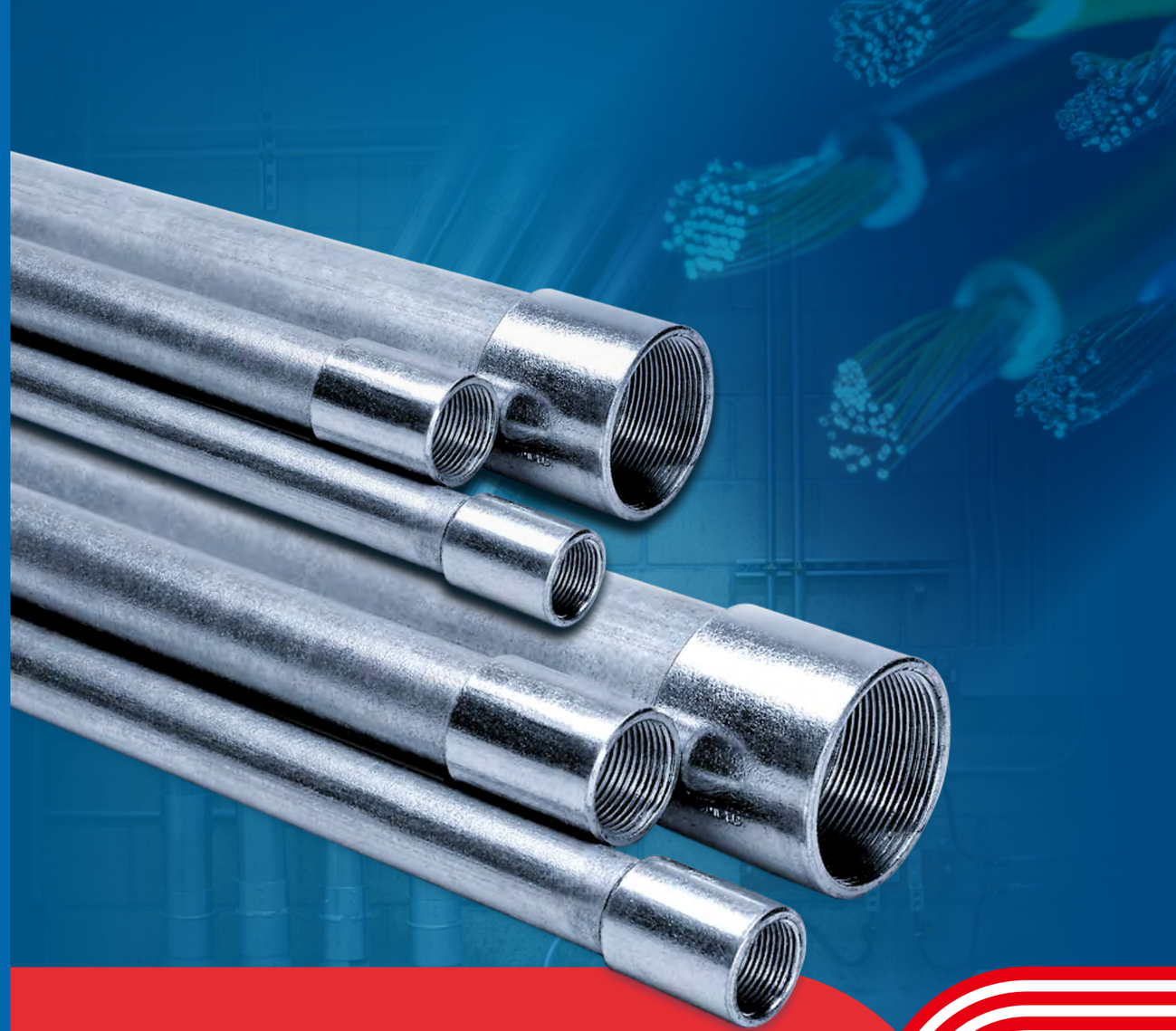

ELECTRICAL CONDUIT & FITTINGS

TO PROVIDE SAFE & RELIABLE PRODUCTS
AND SMART & COMPLETE SOLUTIONS

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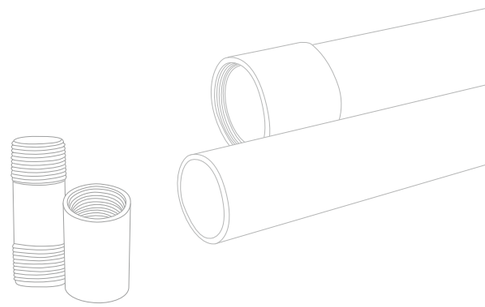
Contents



Electrical Metallic Tubing

ANSI C80.3 UL797

MECH Conduit's Galvanized Steel Electrical Metallic Tubing (EMT) is excellent electrical conduit. MECH Conduit is manufactured with high-strength steel, and produced by the electric resistance welding process.

EMT is produced in normal trade sizes from ½" to 4". EMT is produced in standard lengths of 10' (3.05 m). Bundles of finished EMT are identified with color coded tape for easy size identification.

CONSISTENT QUALITY

LOWER LIFE-CYCLE COSTS

Features & Benefits

EXCELLENT ID SMOOTHNESS

Specifications

- 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)

Dimensions and Weights for Steel Electrical Metallic Tubing

Inch-Pound Units					
Trade Size	Inside Diameter* (in.)	Outside Diameter (in.)	Wall Thickness* (in.)	Length (feet)	Minimum Weight per 10 unit Lengths (lbs)
1/2	0.622	0.706	0.042	10	28.5
3/4	0.824	0.922	0.049	10	43.5
1	1.049	1.163	0.057	10	64
1-1/4	1.380	1.510	0.065	10	95
1-1/2	1.610	1.740	0.065	10	110
2	2.067	2.197	0.065	10	140
2-1/2	2.731	2.875	0.072	10	205
3	3.356	3.500	0.072	10	250
3-1/2	3.834	4.000	0.083	10	325
4	4.334	4.500	0.083	10	370
Metric Units					
Metric Designator	Inside Diameter* (mm)	Outside Diameter (mm)	Wall Thickness* (mm)	Length (mm)	Minimum Weight per 10 Unit Lengths (kg)
16	15.80	17.93	1.067	3050	12.93
21	20.93	23.42	1.245	3050	19.73
27	26.64	29.54	1.448	3050	29.03
35	35.05	38.35	1.651	3050	43.09
41	40.90	44.20	1.651	3050	49.90
53	52.50	55.80	1.651	3050	63.50
63	69.37	73.03	1.829	3050	92.99
78	85.24	88.90	1.829	3050	113.40
91	97.38	101.60	2.108	3050	147.42
103	110.08	114.30	2.108	3050	167.83

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)

EMT Elbows

ANSI C80.3 UL797

EMT elbow is manufactured from prime EMT conduit in accordance with the latest specifications and standards of ANSI C80.3(UL797).

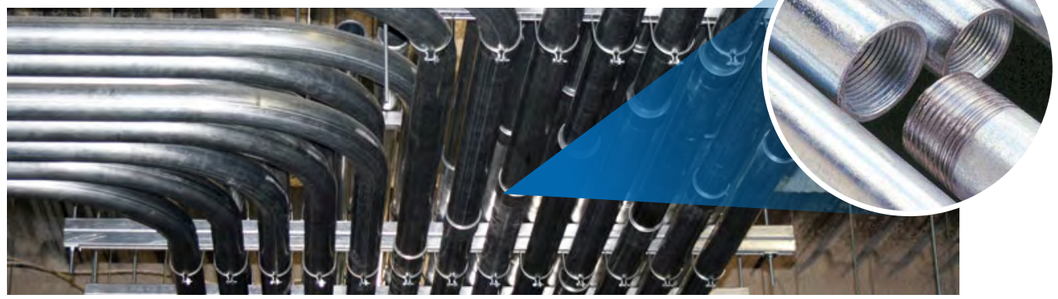
Elbows are produced in normal trade sizes from ½“ to 4”, the degree including 15°, 22.5°, 30°, 45° and 90°. The elbows are used to connect the EMT conduit to change the way of the EMT conduit.

Minimum Dimensions for 90-Degree Elbows

Inch-Pound Units			Metric Units		
Trade Size	Minimum Radius to Center of Tube (in.)	Minimum Straight Length L_s at Each End (in.)	Metric Designator	Minimum Radius to Center of Tube (mm)	Minimum Straight Length L_s at Each End (mm)
1/2	4	1-1/2	16	102	38
3/4	4-1/2	1-1/2	21	114	38
1	5-3/4	1-7/8	27	146	48
1-1/4	7-1/4	2	35	184	51
1-1/2	8-1/4	2	41	210	51
2	9-1/2	2	53	241	51
2-1/2	10-1/2	3	63	267	76
3	13	3-1/8	78	330	79
3-1/2	15	3-1/4	91	381	83
4	16	3-3/8	103	406	86

Electrical Rigid Steel Conduit

ANSI C80.1 UL 6



MECH Conduit’s Hot Dip Galvanized Electrical Rigid Conduit (UL6) has excellent protection, strength, safety and ductility for your wiring works. MECH Conduit Rigid conduit is manufactured with high-strength steel, and produced by the electric resistance welding process. MECH Conduit Rigid conduits are zinc coated both inside and outside using hot dip galvanizing process , so that metal-to-metal contact and galvanic protection against corrosion are provided.

MECH Conduit Rigid conduit is produced in normal trade sizes from ½“ to 6” in standard lengths of 10 feet (3.05 m), including the coupling and color coded Plastic thread protector caps for quick identification of the conduit size. The rigid conduit is threaded on both ends, with a coupling applied to one end and a by size color coded thread protector to the other.

CONSISTENT QUALITY

LOWER LIFE-CYCLE COSTS

Features & Benefits

EXCELLENT ID SMOOTHNESS

Specifications

- 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)

Dimensions of Threads for Rigid Steel Conduit

Inch-Pound Units					Metric Units				
Trade Size	Threads Per in.	Pitch diameter at end of thread E_o, taper ¾ in. per ft.[b]	Length of Thread (in.)		Metric Designator	Threads Per 25.4	Minimum Straight Length L_s at Each End (mm)	Length of Thread (mm)	
			Effective L_2	Overall L_4[a]				Effective L_2	Overall
1/2	14	0.758	0.53	0.78	16	14	19.3	13.5	19.8
3/4	14	0.968	0.55	0.79	21	14	24.6	14.0	20.1
1	11-1/2	1.214	0.68	0.98	27	11-1/2	30.8	17.3	24.9
1-1/4	11-1/2	1.557	0.71	1.01	35	11-1/2	39.5	18.0	25.7
1-1/2	11-1/2	1.796	0.72	1.03	41	11-1/2	45.6	18.3	26.2
2	11-1/2	2.269	0.76	1.06	53	11-1/2	57.6	19.3	26.9
2-1/2	8	2.720	1.14	1.57	63	8	69.1	29.0	39.9
3	8	3.341	1.20	1.63	78	8	84.9	30.5	41.4
3-1/2	8	3.838	1.25	1.68	91	8	97.5	31.8	42.7
4	8	4.334	1.30	1.73	103	8	110.1	33.0	43.9
5	8	5.391	1.41	1.84	129	8	136.9	35.8	46.7
6	8	6.446	1.51	1.95	155	8	163.7	38.4	49.5

Applicable Tolerances

Thread length (L4) +1 thread, recommended practice +0, -1

Pitch diameter +1 turn is the maximum variation permitted from the gauging face of the working thread gauges

Dimensions and Weights for Rigid Steel Conduit

Inch-Pound Units					
Trade Size	Nominal Inside Diameter (in.)[3]	Outside Diameter (in.)	Nominal Wall Thickness (in.)	Length Without Coupling [1] (ft. and in.)	Minimum Weight of Ten Unit Lengths with Couplings Attached (lb.) [2]
½	0.632	0.840	0.104	9'11-1/4"	79.0
¾	0.836	1.050	0.107	9'11-1/4"	105.0
1	1.063	1.315	0.126	9'11"	153.0
1-1/4	1.394	1.660	0.133	9'11"	201.0
1-1/2	1.624	1.900	0.138	9'11"	249.0
2	2.083	2.375	0.146	9'11"	332.0
2-1/2	2.489	2.875	0.193	9'10-1/2"	527.0
3	3.090	3.500	0.205	9'10-1/2"	682.6
3-1/2	3.570	4.000	0.215	9'10-1/4"	831.0
4	4.050	4.500	0.225	9'10-1/4"	972.3
5	5.073	5.563	0.245	9'10"	1313.6
6	6.093	6.625	0.266	9'10"	1745.3
Metric Units					
Metric Designator	Nominal Inside Diameter (mm)[3]	Outside Diameter (mm)	Nominal Wall Thickness (mm)	Length Without Coupling (mm) [1]	Minimum Weight of Ten Unit Lengths with Couplings Attached (kg) [2]
16	16.1	21.3	2.6	3030	35.83
21	21.2	26.7	2.7	3030	47.63
27	27.0	33.4	3.2	3025	69.40
35	35.4	42.2	3.4	3025	91.17
41	41.2	48.3	3.5	3025	112.95
53	52.9	60.3	3.7	3025	150.60
63	63.2	73.0	4.9	3010	239.05
78	78.5	88.9	5.2	3010	309.63
91	90.7	101.6	5.5	3005	376.94
103	102.9	114.3	5.7	3005	441.04
129	128.9	141.3	6.2	2995	595.85
155	154.8	168.3	6.8	2995	791.67

NOTES

1. Straight Conduit 2. Finished Conduit
3. Inside dimensions are not a requirement. However, conduit meeting the required weight and Outside Diameter will nominally have the referenced dimensions.

Applicable Tolerances

length + 1/4 in. (6.35 mm) without coupling

Outside Diameter for trade sizes 1/2 (16) through 1 1/2 (41): +0.015 in (+0.38 mm)
for trade sizes 2 (53) through 6 (155): +/- 1%

Rigid Conduit Couplings

ANSI C80.1 UL 6

The rigid conduit coupling is used to connect the electrical steel conduits together, thus extending the length of the conduit pipe. It is manufactured from seamless steel pipes. Its trade size can be from 1/2" to 6".We can make the rigid conduit coupling electro-galvanized at internal thread and external surface

Dimensions of Couplings

Inch-Pound Units						
Trade Size	Outside Diameter [1] (in.)	Minimum Length (in.)	Pitch Diameter (in.)		Chamfer Diameter (in.)	
			Minimum	Maximum	Minimum	Maximum
1/2	1.010	1-5/8	0.801	0.814	0.798	0.838
3/4	1.250	1-41/64	1.011	1.024	1.008	1.048
1	1.525	1-31/32	1.267	1.283	1.260	1.300
1-1/4	1.869	2-1/32	1.612	1.628	1.605	1.645
1-1/2	2.155	2-1/16	1.852	1.868	1.845	1.885
2	2.650	2-1/8	2.327	2.343	2.320	2.360
2-1/2	3.250	3-3/16	2.806	2.828	2.800	2.860
3	3.870	3-5/16	3.431	3.453	3.425	3.485
3-1/2	4.500	3-13/32	3. 931	3.953	3.925	3.985
4	4.875	3-33/64	4.431	4.453	4.425	4.485
5	6.000	3-61/64	5.494	5.516	5.519	5.579
6	7.200	4-1/4	6.556	6.578	6.591	6.651

Metric Units						
Metric Designator	Outside Diameter (mm)[1]	Minimum Length (in.)	Pitch Diameter (mm)		Chamfer Diameter (mm)	
			Minimum	Maximum	Minimum	Maximum
16	25.7	41.3	20.35	20.68	20.27	21.29
21	31.8	41.7	25.68	26.01	25.60	26.62
27	38.7	50.0	32.18	32.59	32.00	33.02
35	47.5	51.6	40.94	41.35	40.77	41.78
41	54.7	52.4	47.04	47.45	46.86	47.88
53	67.3	54.0	59.11	59.51	58.93	59.94
63	82.6	81.0	71.27	71.83	71.12	72.64
78	98.3	84.1	87.15	87.71	87.00	88.52
91	114.3	86.5	99.85	100.40	99.70	101.20
103	123.8	89.3	112.60	113.10	112.40	113.90
129	152.4	100	139.60	140.10	140.20	141.70
155	182.9	108	166.50	167.10	167.40	168.90

NOTES

Outside diameter tolerances

Plus tolerances: No requirements

Minus tolerances: for trade sizes smaller than 1-1/4 (35): - 1/64 in. (-0.40 mm)
for trade sizes 1-1/4 (35) and larger: -1%.

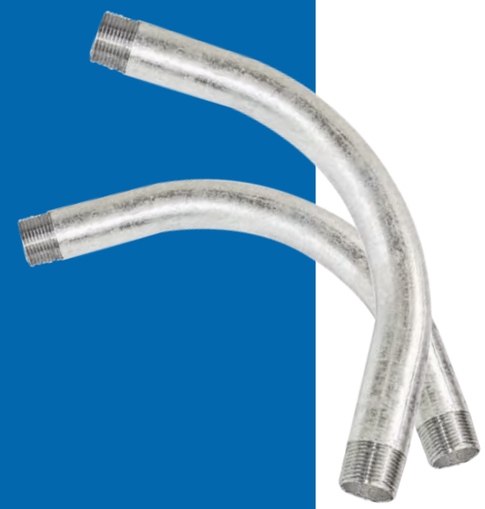
- Chamfer angle shall be between 11 and 15 degrees.
- All couplings shall have straight-tapped threads.

Rigid Conduit Elbows & Rigid Conduit Nipples

ANSI C80.1 UL 6

Rigid steel conduit elbow is manufactured from prime conduit shell with high-strength in accordance with the latest specifications and standard of ANSI C80.1(UL6).

Elbows are produced in normal trade sizes from ½“ to 6”, the degree including 15°, 22.5°, 30°, 45° and 90°. Elbows are threaded on both ends, The elbows are used to connect the rigid steel conduit to change the way of the conduit.



Rigid Conduit Nipples

- Rigid conduit Nipple is manufactured from high-strength conduit shell.
- Nipples are produced in normal trade sizes from ½“ to 6”, the length 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 customer’s request .
- The nipples are used to connect the rigid steel conduit to extend the length of the conduit.

Dimensions of 90-Degree Elbows and Weights of Nipples Per Hundred

Inch-Pound Units					Metric Units				
	Elbows		Nipples			Elbows		Nipples	
Trade Size	Minimum Radius to Center of Conduit (in.)	Minimum Straight Length L_s at Each End (in.)	A lb/in.	B lb/100	Metric Designator	Minimum Radius to Center of Conduit (mm)	Minimum Straight Length L_s at Each End (mm)	A Kg/mm	B Kg/100
1/2	4	1-1/2	0.065	3	16	102	38	0.0012	1.36
3/4	4-1/2	1-1/2	0.086	4	21	114	38	0.0015	1.81
1	5-3/4	1-7/8	0.125	9	27	146	48	0.0022	4.08
1-1/4	7-1/4	2	0.164	10	35	184	51	0.0029	4.54
1-1/2	8-1/4	2	0.202	11	41	210	51	0.0036	4.99
2	9-1/2	2	0.269	14	53	241	51	0.0048	6.35
2-1/2	10-1/2	3	0.430	60	63	267	76	0.0077	27.22
3	13	3-1/8	0.561	70	78	330	79	0.0100	31.75
3-1/2	15	3-1/4	0.663	90	91	381	83	0.0119	40.82
4	16	3-3/8	0.786	115	103	406	86	0.0141	52.16
5	24	3-5/8	1.060	170	129	610	92	0.0190	77.11
6	30	3-3/4	1.410	200	155	762	95	0.0252	90.72

Elbows with special radius or special degree available upon request

NOTE

Each lot of 100 nipples shall weigh not less than the number of pounds (kilograms) determined by the formula:

W = 100 * (LA) - B

where W is the unit weight of 100 nipples ／ L is the length of one nipple ／ A is the nipple weight per unit length ／ B is the weight lost in threading 100 nipples.

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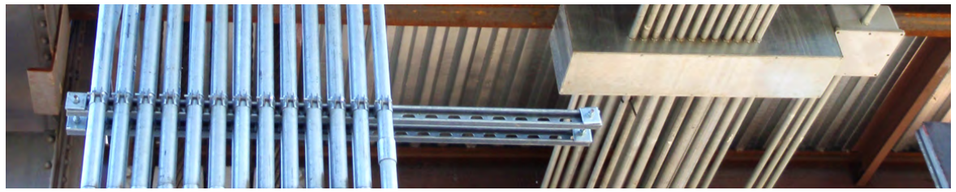
Electrical Intermediate Metal Conduit

ANSI C80.6 UL1242



MECH Conduit's IMC Conduit has excellent protection, strength, safety and ductility for your wiring works. MECH Conduit IMC conduit is manufactured with high-strength steel coil, and produced by the electric resistance welding

MECH Conduit IMC Conduit is produced in normal trade sizes from 1/2" to 4" in standard lengths of 10 feet (3.05m). Both ends threaded according to the standard of ANSI/ASME B1.20.1 ,coupling supplied on one end, color-coded thread protector on the other end.

CONSISTENT QUALITY

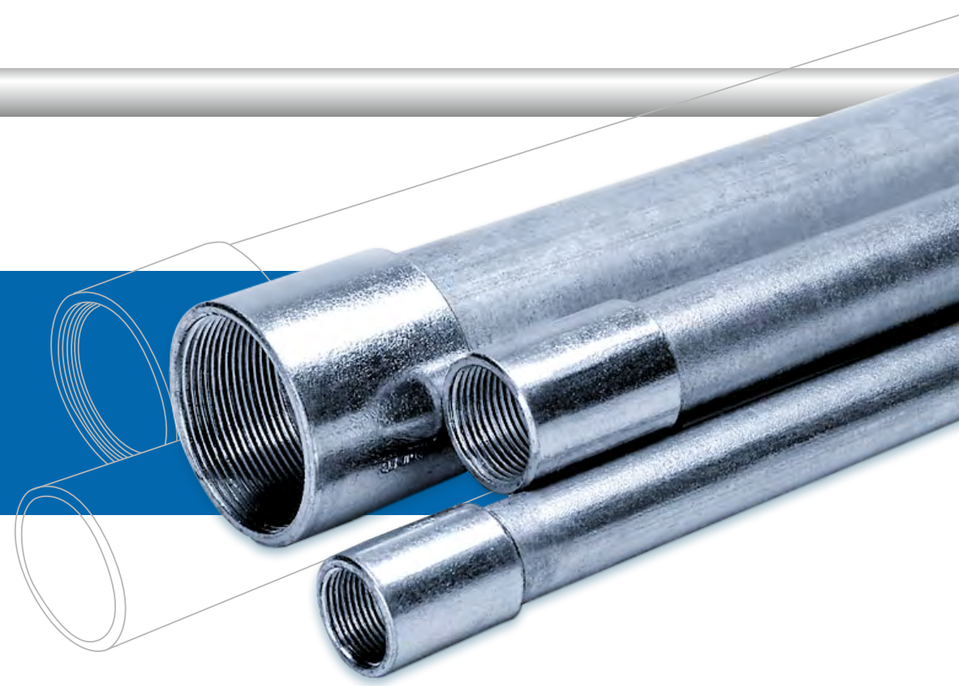
LOWER LIFE-CYCLE COSTS

Features & Benefits

EXCELLENT ID SMOOTHNESS

Specifications

- **American National Standard for Electrical Intermediate Metal Conduit (ANSI® C80.6)**
- **Underwriters Laboratories Standard for Electrical Intermediate Metal Conduit – Steel (UL1242)**
- **National Electric Code® 250.118(3)**



Dimensions of Threads for Intermediate Metal Conduit

Inch-Pound Units					Metric Units				
Trade Size	Threads Per in.	Pitch diameter at end of thread E_o, taper ¾ in. per ft.	Length of Thread (in.)		Metric Designator	Threads Per 25.4 mm	Pitch diameter at end of thread E_o, taper 6.25 mm per meter	Length of Thread (mm)	
			Effective L_2	Overall L_4[a]				Effective L_2	Overall L_4
1/2	14	0.7584	0.53	0.78	16	14	19.3	13.46	19.81
3/4	14	0.9677	0.55	0.79	21	14	24.6	13.97	20.07
1	11-1/2	1.2136	0.68	0.98	27	11-1/2	30.8	17.27	24.89
1-1/4	11-1/2	1.5571	0.71	1.01	35	11-1/2	39.6	18.03	25.65
1-1/2	11-1/2	1.7961	0.72	1.03	41	11-1/2	45.6	18.29	26.12
2	11-1/2	2.2690	0.76	1.06	53	11-1/2	57.6	19.30	26.96
2-1/2	8	2.7195	1.14	1.57	63	8	69.1	28.96	39.88
3	8	3.3406	1.20	1.63	78	8	84.9	30.48	41.40
3-1/2	8	3.8375	1.25	1.68	91	8	97.5	31.75	42.67
4	8	4.3344	1.30	1.73	103	8	110.1	33.02	43.94

Applicable Tolerances

Thread length (L4) ±1 thread, recommended practice +0, -1

Pitch diameter +1 turn is the maximum variation permitted from the gauging face of the working thread gauges.

Dimensions of Intermediate Metal Conduit

Inch-Pound Units						
Trade Size	Outside Diameter (in.)		Pitch Diameter (in.)		Reference Nominal Inside Diameter (in.)	Length Without Coupling (ft. and in.)
	Maximum	Minimum	Maximum	Minimum		
1/2	0.820	0.810	0.085	0.070	0.659	9'11-1/4"
3/4	1.034	1.024	0.090	0.075	0.863	9'11-1/4"
1	1.295	1.285	0.100	0.085	1.104	9'11"
1-1/4	1.645	1.630	0.105	0.085	1.448	9'11"
1-1/2	1.890	1.875	0.110	0.090	1.683	9'11"
2	2.367	2.352	0.115	0.095	2.150	9'11"
2-1/2	2.867	2.847	0.160	0.140	2.575	9'10-1/2"
3	3.486	3.466	0.160	0.140	3.176	9'10-1/2"
3-1/2	3.981	3.961	0.160	0.140	3.671	9'10-1/4"
4	4.476	4.456	0.160	0.140	4.166	9'10-1/4"
Metric Units						
Metric Designator	Outside Diameter (mm)		Wall Thickness (mm)		Reference Nominal Inside Diameter (mm)	Length Without Coupling (mm)
	Maximum	Minimum	Maximum	Minimum		
16	20.83	20.57	2.16	1.79	16.74	3030
21	26.26	26.01	2.29	1.90	21.94	3030
27	32.89	32.64	2.54	2.16	28.07	3025
35	41.78	41.40	2.67	2.16	36.75	3025
41	48.01	47.62	2.79	2.29	42.74	3025
53	60.12	59.74	2.92	2.41	54.59	3025
63	72.82	72.31	4.06	3.56	64.95	3010
78	88.54	88.04	4.06	3.56	80.67	3010
91	101.12	100.61	4.06	3.56	93.25	3005
103	113.69	113.18	4.06	3.56	105.82	3005

Intermediate Metal Elbows & Nipples

ANSI C80.6 UL1242

Intermediate metal elbow is manufactured from prime conduit shell with high-strength .Elbows are produced in normal trade sizes from ½“ to 4”, the degree including 90 deg in our company now. Elbows are threaded on both ends, the elbows are used to connect the intermediate steel conduit to change the way of the conduit.

Nipple is manufactured from high-strength conduit, it is produced in normal trade sizes from ½“ to 4”, The nipples are used to connect the intermediate steel conduit to extend the length of the conduit.

Minimum Acceptable Dimensions of Elbows and Other Bends

Inch-Pound Units					
Trade Size	Minimum Radius R to Center of Conduit (In.)	Minimum Straight Length L_s at Each End (In.)	Metric Designator	Minimum Radius R to Center of Conduit (mm)	Minimum Straight Length L_s at Each End (mm)
1/2	4	1-1/2	16	102	38.10
3/4	4-1/2	1-1/2	21	114	38.10
1	5-3/4	1-7/8	27	146	47.63
1-1/4	7-1/4	2	35	184	50.80
1-1/2	8-1/4	2	41	210	50.80
2	9-1/2	2	53	241	50.80
2-1/2	10-1/2	3	63	267	76.20
3	13	3-1/8	78	330	79.38
3-1/2	15	3-1/4	91	381	82.55
4	16	3-3/8	103	406	85.73

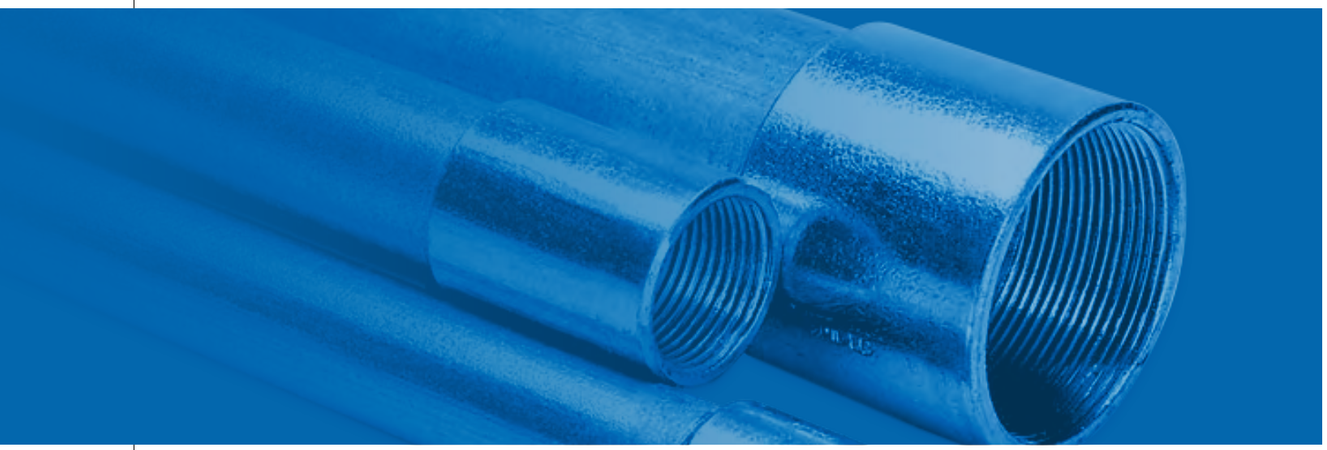
British Standard Steel Conduit

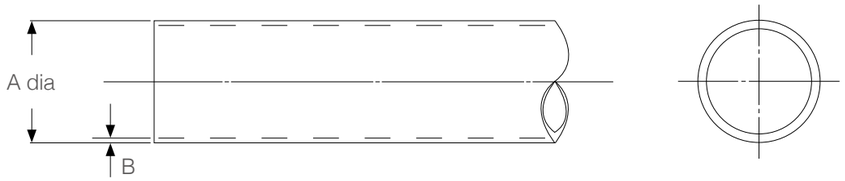
BS4568-1:1970

MECH BS4568 conduit has excellent protection, strength, safety and ductility for your wiring works.

MECH BS4568 conduit is produced in normal trade size from 16mm-32mm, length of conduit is from Minimum 3.0 m to Maximum 4.0 m.

MECH BS4568 series products are strictly under the standard of BS 4568 standard and designed to protect and route cables and conductors (including Hot Dip Gal. & Pre Gal. coating). It can be installed either exposed or concealed.

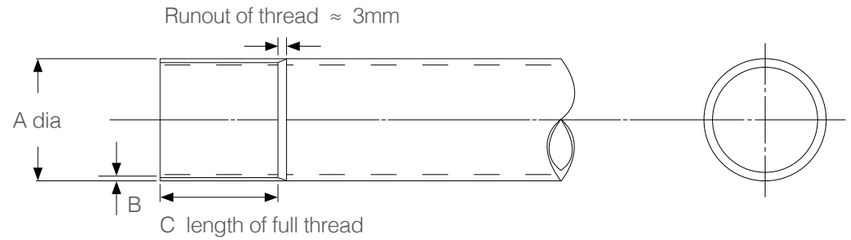




Conduit, light gauge (Plain)

Metric Designator	Dimensions (mm)		Normal Wall Thinkness (mm)	Weight (g/m)			
	Min.	Max.		Class 1, 2 and 3		Class 4	
				Min.	Max.	Min.	Max.
16	15.7	16.0	1.0 ± 0.10	324	405	355	470
20	19.7	20.0	1.0 ± 0.10	416	515	457	597
25	24.6	25.0	1.2 ± 0.15	598	784	649	887
32	31.6	32.0	1.2 ± 0.15	796	1006	861	1139

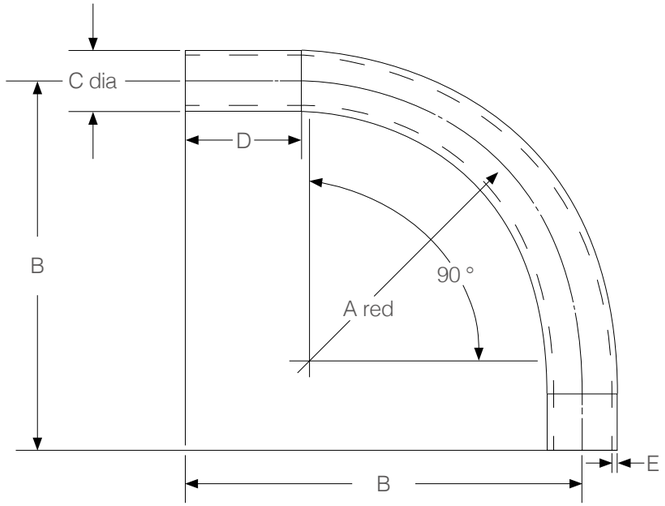
Preferred length of conduit 4.0 m. Minimum 3.0 m. Maximum 4.0 m.



Conduit, heavy gauge (Screwed or plain)

Metric Designator	Outside Diameter (mm)		Normal Wall Thinkness (mm)	Length of full Thread (mm)		Weight (g/m)			
						Class 1, 2 and 3		Class 4	
	Min.	Max.		Min.	Max.	Min.	Max.	Min.	Max.
16	15.7	16.0	1.4 ± 0.10	11.5	13.5	452	531	483	594
20	19.7	20.0	1.6 ± 0.15	13.0	15.0	643	783	682	862
25	24.6	25.0	1.6 ± 0.15	16.0	18.0	811	995	860	1095
32	31.6	32.0	1.6 ± 0.15	18.0	20.0	1069	1301	1133	1432

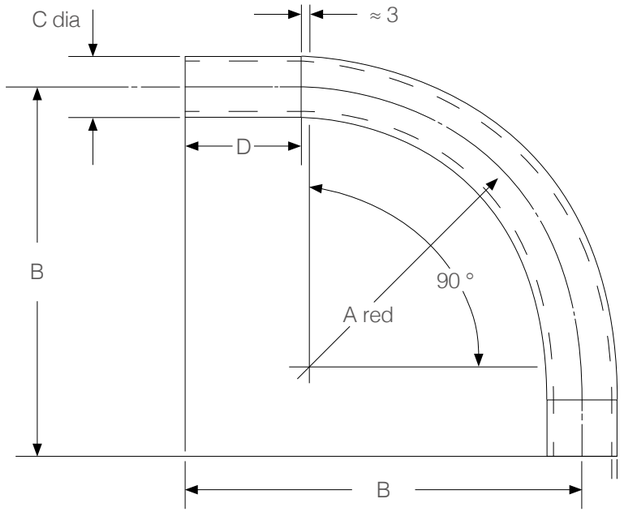
Preferred length of conduit 4.0 m. Minimum 3.0 m. Maximum 4.0 m.



Bends (Plain)

Normal size	A	B	Outside Diameter C		D Min.	Normal Wall Thinkness E
			Max.	Min.		
16	40.0	72.0	16.0	15.7	22.0	1.0±0.10
20	50.0	90.0	20.0	19.7	25.0	1.0±0.10
25	62.5	110.0	25.0	24.6	28.0	1.2±0.15
32	80.0	144.0	32.0	31.6	31.0	1.2±0.15

All dimensions are in millimetres



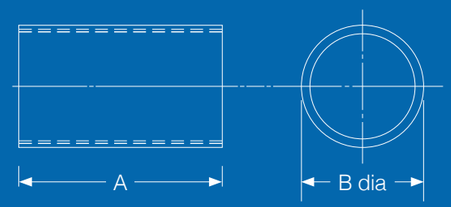
Bends (Externally screwed)

Nominal size	A Min.	B Min.	Outside Diameter C		Length of thread D	Normal Wall Thinkness E
			Max.	Min.		
16	40.0	72.0	16.0	15.7	12.5±1.0	1.4±0.10
20	50.0	90.0	20.0	19.7	14.0±1.0	1.6±0.15
25	62.5	110.0	25.0	24.6	17.0±1.0	1.6±0.15
32	80.0	144.0	32.0	31.6	19.0±1.0	1.6±0.15

All dimensions are in millimetres

Earthing Couplers.

These have an integral device for clamping an earthing conductor ranging from cross-sectional area of 1.5mm^2 to 6mm^2. The method of gripping shall be such that no adverse damage to the conductor will result.



Couplers (Internally screwed)

Metric dimensions			
Norminal size	A (minimum)	B (minimum)	
		Mall.	Steel
16	30	19.2	17.5
20	33	23.2	21.5
25	39	28.4	26.7
32	43	35.6	33.8

Electrical Fittings for Conduit and Tubing

UL 514B

Electrical Fittings products are made by joint venture company, Delta Electric (Thailand) Co., Ltd, below are some advantages.

Manufacturing

- Experienced manufacturing and engineering team from China to ensure consistent quality.
- In-house zinc plating to achieve zinc coating thickness requirement per UL514B.
- Automatic cutting, machining, assembling lines with high capacity to meet customers on-time delivery.

Costs

- Exempt from 25% tariff in comparison with China vendors.

Growth

- Tube Industry Investments Limited (Stock Code 1553.HK) will put more investment to ensure Delta's continuous growth.

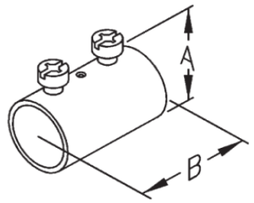
c UL us

E519282
½"-2"

c UL us

E519296
2½"-4"

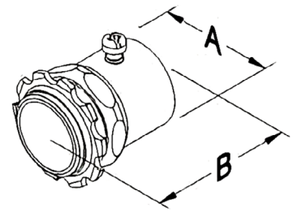
Zinc Plated Steel Set Screw Couplings



Catalog No.	Trade Size	DIM A		DIM B	
		Inch	mm	Inch	mm
SSK 1/2	1/2"	0.843	21.4	1.587	40.3
SSK 3/4	3/4"	1.059	26.9	1.795	45.6
SSK 1	1"	1.323	33.6	2.413	61.3
SSK 11/4	11/4"	1.681	42.7	2.756	70
SSK 11/2	11/2"	1.913	48.6	2.969	75.4
SSK 2	2"	2.37	60.2	3.22	81.8
SSK 21/2	21/2"	3.142	79.8	4.118	104.6
SSK 3	3"	3.772	95.8	4.232	107.5
SSK 31/2	31/2"	4.28	108.7	4.48	113.8
SSK 4	4"	4.783	121.5	4.724	120

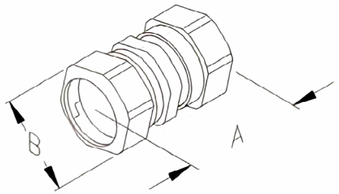
Zinc Plated Steel Set Screw Connectors

Catalog No.	Trade Size	DIM A		DIM B	
		Inch	mm	Inch	mm
SSC 1/2	1/2"	0.843	21.4	1.472	37.4
SSC 3/4	3/4"	1.059	26.9	1.575	40
SSC 1	1"	1.323	33.6	1.862	47.3
SSC 11/4	11/4"	1.681	42.7	2.236	56.8
SSC 11/2	11/2"	1.913	48.6	2.236	56.8
SSC 2	2"	2.37	60.2	2.354	59.8
SSC 21/2	21/2"	3.142	79.8	3.228	82
SSC 3	3"	3.772	95.8	3.799	96.5
SSC 31/2	31/2"	4.28	108.7	3.898	99
SSC 4	4"	4.783	121.5	4.012	101.9

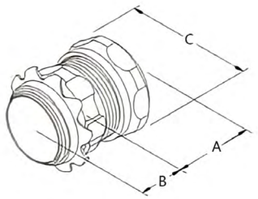


Zinc Plated Steel Compression Couplings

Catalog No.	Trade Size	DIM A		DIM B	
		Inch	mm	Inch	mm
SCK 1/2	1/2"	1.701	43.2	0.984	25
SCK 3/4	3/4"	1.709	43.4	1.205	30.6
SCK 1	1"	1.886	47.9	1.488	37.8
SCK 11/4	11/4"	2.488	63.2	1.949	49.5
SCK 11/2	11/2"	2.579	65.5	2.165	55
SCK 2	2"	2.866	72.8	2.697	68.5
SCK 21/2	21/2"	4.803	122	3.488	88.6
SCK 3	3"	5.079	129	4.114	104.5
SCK 31/2	31/2"	5.276	134	4.724	120
SCK 4	4"	5.528	140.4	5.209	132.3

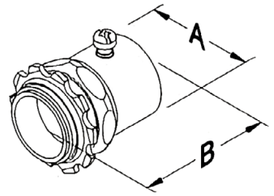


Zinc Plated Steel Compression Connectors



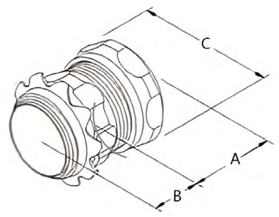
Catalog No.	Trade Size	DIM A		DIM B		DIM C	
		Inch	mm	Inch	mm	Inch	mm
SCC 1/2	1/2"	1.36	34.5	0.437	11.1	0.984	25
SCC 3/4	3/4"	1.45	36.7	0.465	11.8	1.205	30.6
SCC 1	1"	1.74	44.3	0.571	14.5	1.488	37.8
SCC 11/4	11/4"	2.03	51.6	0.669	17	1.949	49.5
SCC 11/2	11/2"	2.37	60.3	0.709	18	2.165	55
SCC 2	2"	2.45	62.2	0.709	18	2.697	68.5
SCC 21/2	21/2"	3.42	86.8	0.846	21.5	3.488	88.6
SCC 3	3"	3.48	88.5	0.866	22	4.114	104.5
SCC 31/2	31/2"	3.76	95.5	0.925	23.5	4.724	120
SCC 4	4"	3.86	98	0.925	23.5	5.209	132.3

Zinc Plated Steel Set Screw Connectors with Insulator



Catalog No.	Trade Size	DIM A		DIM B	
		Inch	mm	Inch	mm
SSCI 1/2	1/2"	0.843	21.4	1.531	38.9
SSCI 3/4	3/4"	1.059	26.9	1.634	41.5
SSCI 1	1"	1.323	33.6	1.921	48.8
SSCI 11/4	11/4"	1.681	42.7	2.295	58.3
SSCI 11/2	11/2"	1.913	48.6	2.295	58.3
SSCI 2	2"	2.37	60.2	2.413	61.3
SSCI 21/2	21/2"	3.142	79.8	3.287	83.5
SSCI 3	3"	3.772	95.8	3.858	98
SSCI 31/2	31/2"	4.28	108.7	3.957	100.5
SSCI 4	4"	4.783	121.5	4.071	103.4

Zinc Plated Steel Compression Connectors with Insulator



Catalog No.	Trade Size	DIM A		DIM B		DIM C	
		Inch	mm	Inch	mm	Inch	mm
SCCI 1/2	1/2"	1.36	34.5	0.437	11.1	0.984	25
SCCI 3/4	3/4"	1.45	36.7	0.465	11.8	1.205	30.6
SCCI 1	1"	1.74	44.3	0.571	14.5	1.488	37.8
SCCI 11/4	11/4"	2.03	51.6	0.669	17	1.949	49.5
SCCI 11/2	11/2"	2.37	60.3	0.709	18	2.165	55
SCCI 2	2"	2.45	62.2	0.709	18	2.697	68.5
SCCI 21/2	21/2"	3.42	86.8	0.846	21.5	3.488	88.6
SCCI 3	3"	3.48	88.5	0.866	22	4.114	104.5
SCCI 31/2	31/2"	3.76	95.5	0.925	23.5	4.724	120
SCCI 4	4"	3.86	98	0.925	23.5	5.209	132.3

CERTIFICATES

CERTIFICATE OF COMPLIANCE

Certificate Number 20180117-E497291
Report Reference E497291-20171212
Issue Date 2018-JANUARY-17

Issued to: Jinan Mech Piping Technology Co Ltd
Meigui Zone of Industrial Park
Pingyin
Shandong 250400 CHINA

This is to certify that representative samples of: ELECTRICAL METALLIC TUBING
Steel Electrical Metallic Tubing, trade sizes 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2 and 4.
Steel Electrical metallic tubing elbows 15°, 22.5°, 30°, 45°, 90°, trade sizes 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2 and 4.

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 797 & CSA C22.2 No. 83.1-07
Standard for Electrical Metallic Tubing –Steel

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information.

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.

Page 1 of 1

CERTIFICATE OF COMPLIANCE

Certificate Number 20180112-E497941
Report Reference E497941-20171212
Issue Date 2018-JANUARY-12

Issued to: Jinan Mech Piping Technology Co Ltd
Meigui Zone of Industrial Park
Pingyin, Shandong 250400 CHINA

This is to certify that representative samples of: RIGID FERROUS METAL CONDUIT
SEE ADDENDUM PAGE FOR MODELS

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 6 & CSA-C22.2 No 45.1-07 Standard for Electrical Rigid Metal Conduit – Steel

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.

Page 1 of 2

CERTIFICATE OF COMPLIANCE

Certificate Number 20190915-E509823
Report Reference E509823-20190913
Issue Date 2019-SEPTEMBER-16

Issued to: Jinan Mech Piping Technology Co Ltd
Meigui Zone of Industrial Park
Pingyin, Shandong 250400 CHINA

This certificate confirms that representative samples of: INTERMEDIATE FERROUS METAL CONDUIT
USL: Steel Intermediate metal conduit, trade sizes 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, and 4.
Steel intermediate metal conduit elbows, trade sizes 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, and 4.
Steel intermediate metal conduit couplings, trade sizes 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, and 4.
Steel Intermediate metal conduit nipples, trade sizes 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, and 4.

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 1242 - Electrical Intermediate Metal Conduit – Steel
Additional Information: See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information.

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow–Up Service.

Look for the UL Certification Mark on the product.

Page 1 of 1

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-2015242-0
Report Reference ES19282-20210128
Date 6-Feb-2021

Issued to: Jinan Mech Piping Technology Co Ltd
Meigui Zone of Industrial Park Pingyin , Shandong, China 250400

This is to certify that representative samples of: FKAV - Electrical Metallic Tubing Fittings
See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 514B, 6th Ed., Issue Date: 2012-07-13, Revision Date: 2020-05-22

Additional Information: See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
BDS_1/2, BDS_3/4, BDC1_1, BDC_1-1/4, BDS_1-1/2, BDC_2	Compression Connectors with Thread Insulator
BSC_1/2, BSC_3/4, BSC1_1, BSC_1-1/4, BSC_1-1/2, BSC_2	Compression Connectors
BCK_1/2, BCK_3/4, BCK_1, BCK_1-1/4, BCK_1-1/2, BCK_2	Compression Couplings
BSC1_1/2, BSC_3/4, BSC1_1, BSC_1-1/4, BSC_1-1/2, BSC_2	Set screw Connectors with Thread Insulator
BSC_1/2, BSC_3/4, BSC_1, BSC_1-1/4, BSC_1-1/2, BSC_2	Set screw Connectors
SSK_1/2, SSK_3/4, SSK_1, SSK_1-1/4, SSK_1-1/2, SSK_2	Set screw Couplings

CERTIFICATE OF COMPLIANCE

Certificate Number E519296
Report Reference E519296-20210205
Date 11-Mar-2021

Issued to: Jinan Mech Piping Technology Co Ltd
Meigui Zone of Industrial Park Pingyin , Shandong, China 250400

This is to certify that representative samples of: DWTT - Conduit Fittings
See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 514B, 6th Ed., Issue Date: 2012-07-13, Revision Date: 2020-05-22

Additional Information: See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
Compression Connectors with Thread Insulator, BCS_2-1/2, BCC1_3, BCD_4	Fittings
Compression Connectors, BSC_2-1/2, BCL_3, BSC_3-1/2, BSC_4	Fittings
Compression Couplings, BCK_2-1/2, BCK_3, BCK_3-1/2, BCK_4	Fittings
Set screw Connectors with Thread Insulator, BSD_2-1/2, BSC1_3, BSD_3-1/2, BSD_4	Fittings
Set screw Connectors, BSC_2-1/2, BSC_3, BSC_3-1/2, BSC_4	Fittings
Set screw Couplings, SSK_2-1/2, SSK_3, SSK_3-1/2, SSK_4	Fittings

IQNet
THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

CQM as an IQNet Partner hereby states that the organization:

Jinan Mech Piping Technology Co., Ltd.
Certification Add.: Mengui Zone of Industrial Park, Pingyin County, Jinan City, Shandong, P.R China
Post code: 250401

for the following scope:

Production of A2 grade ERW pipes (DN10-200), galv. pipes, plastic lining pipes, plastic coated pipes, painted pipes, steel pipe nipples, connection and preforms

has implemented and maintains a

Quality Management System

which fulfils the requirements of the following standard:

ISO 9001:2015

Issued on: 2017-09-28

For the validity date, please refer to the original certificate* issued by CQM

Registration Number: CN-00217Q2492Z1M

Michael Drechsel, President of IQNet
Ji XiaoDong, General Manager of CQM

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* This annex/scope is directly hosted to the IQNet Partners's original certificate and shall not be used as a stand alone document
** The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com

IQNet
THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

CQM as an IQNet Partner hereby states that the organization:

Jinan Mech Piping Technology Co., Ltd.
Certification Add.: Mengui Zone of Industrial Park, Pingyin County, Jinan City, Shandong, P.R China
Post code: 250407

for the following scope:

Production of A2 grade ERW pipes (DN10-200), galv. pipes, plastic lining pipes, plastic coated pipes, painted pipes, steel pipe nipples, connection and preforms

has implemented and maintains a

Occupational health and safety Management System

which fulfils the requirements of the following standard:

OHSAS 18001:2007

Issued on: 2017-09-28

For the validity date, please refer to the original certificate* issued by CQM

Registration Number: CN-00217S1201R1M

Michael Drechsel, President of IQNet
Ji XiaoDong, General Manager of CQM

IQNet Partners*:
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CISQ Italy CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany
FCAV Brazil FONDONORMA Venezuela ICONTEC Colombia IMNC Mexico INACAL Peru Inspecta Sustainability Group Finland Ireland
IRAM Argentina JQA Japan KFQ Korea MEPPEI Lithuania MSZT Hungary Nemko AS Norway NSAI Ireland PCBC Poland
Quality Austria Austria RR France SIQ Slovenia SIRIM QAS International Malaysia
SQS Switzerland TEST St Petersburg Russia TSE Turkey UKAS United Kingdom URS Russia
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* This annex/scope is directly hosted to the IQNet Partners's original certificate and shall not be used as a stand alone document
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ELECTRICAL CONDUIT & FITTINGS

TO PROVIDE SAFE & RELIABLE PRODUCTS AND SMART & COMPLETE SOLUTIONS