

PRODUCT



CIXI CHENGHE PIPE INDUSTRY CO.,LTD

Add: No.158 Zongyi Road,Zonghan Town, cixi city,
Zhejiang province, china 315301

Tel: +86 574 63221526

Fax: +86 574 63220396

Email:moneyduo@ccpielectric.com

www.ccpielectric.com

PRODUCT



CONDUIT AND ACCESSORIES

ANSI/UL GALVANIZED CONDUIT & ECN
ANSI/UL ALUMINUM CONDUIT & ECN
ANSI/UL COLOR CONDUIT
BS GALVANIZED CONDUIT & EC



www.ccpielectric.com

30 YEARS ANNIVERSARY
1995-2025

ANSI/UL GALVANIZED CONDUIT & ECN



Features:

- High strength ductile steel for long life and easy bending
- Provides smooth, continuous raceways for fast wire-pulling

CERTIFICATE OF COMPLIANCE

Certificate Number: 20160521-E481799
Report Reference: E341799-20111026
Issue Date: 2014-AUGUST-21

Issued to: CIXI CHENGHE PIPE INDUSTRY CO LTD
CHAOTANG VILLAGE
ZONGSHAN TOWN
CIXI, ZHEJIANG 315301 CHINA

This is to certify that representative samples of RIGID FERROUS METAL CONDUIT See Addendum Page

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

Standard(s) for Safety: UL 6 and CSA C22.2 No. 45.1-07 - Electrical Rigid Metal Conduit - Steel
Additional Information: See the UL Online Certifications Directory at www.ul.com/directory for additional information.

Only those products bearing the UL Listing Mark for the US and Canada should be considered as being covered by UL Listing and Follow-Up Service meeting the appropriate requirements for US and Canada.
The UL Listing Mark for the US and Canada generally includes the UL in a circle symbol with "C" and "UL" identifiers. The word "LISTED" is a control number (may be abbreviated) assigned by UL, and the product category name (product identifier) as indicated in the appropriate UL Directory. Look for the UL Listing Mark on the product.

Page 1 of 2

CERTIFICATE OF COMPLIANCE

Certificate Number: 20160521-E481799
Report Reference: E341799-20111026
Issue Date: 2014-AUGUST-21

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

Steel Rigid Metal Conduit in trade sizes of 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, and 6.
Steel Rigid Metal Conduit, elbows, tees, in trade sizes of 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, and 6.
Steel Rigid Metal Conduit couplings, in trade sizes of 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, and 6.
Steel Rigid Metal Conduit nipples, in trade sizes of 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, and 6.
Steel Rigid Metal Conduit, elbows, tees, in trade sizes of 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, and 6.
Steel Rigid Metal Conduit couplings, in trade sizes of 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, and 6.
Steel Rigid Metal Conduit nipples, in trade sizes of 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, and 6.

UL, CHL - Aluminum Electrical Rigid Metal Conduit, elbows, nipples and couplings in trade sizes of 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, and 6.
UL, CHL - Aluminum Electrical Rigid Metal Conduit, elbows, nipples and couplings, PVC coated, in trade sizes of 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, and 6.
UL, CHL - Stainless Steel Electrical Rigid Metal Conduit, elbows, nipples and couplings in trade sizes of 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, and 6.

UL, CHL - Stainless Steel Electrical Rigid Metal Conduit, elbows, nipples and couplings in trade sizes of 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, and 6.

UL, CHL - Stainless Steel Electrical Rigid Metal Conduit, elbows, nipples and couplings in trade sizes of 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, and 6.

Page 1 of 2

CERTIFICATE OF COMPLIANCE

Certificate Number: 20160527-E483200
Report Reference: E483200-20160527
Issue Date: 2016-MAY-27

Issued to: CIXI CHENGHE PIPE INDUSTRY CO LTD
CHAOTANG VILLAGE
ZONGSHAN TOWN
CIXI, ZHEJIANG 315301 CHINA

This is to certify that representative samples of ELECTRICAL METALLIC TUBING
USL, CNL - Steel Electrical Metallic Tubing in trade sizes of 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2 and 4.
USL, CNL - Steel Electrical Metallic Tubing, elbows, in trade sizes of 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: Standard for Electrical Metallic Tubing - Steel, UL 797
Standard for Electrical Metallic Tubing - Steel, CSA C22.2 No. 65.1-07
Additional Information: See the UL Online Certifications Directory at www.ul.com/directory 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: 20160524-E483259
Report Reference: E483259-20160524
Issue Date: 2016-JUNE-24

Issued to: CIXI CHENGHE PIPE INDUSTRY CO LTD
CHAOTANG VILLAGE
ZONGSHAN TOWN
CIXI, ZHEJIANG 315301 CHINA

This is to certify that representative samples of RIGID NONFERROUS METALLIC 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 6A - ELECTRICAL RIGID METAL CONDUIT - ALUMINUM, RED BRASS, AND STAINLESS STEEL
CSA C22.2 No. 45.3-08 - ELECTRICAL RIGID METAL CONDUIT - ALUMINUM, RED BRASS, AND STAINLESS STEEL
Additional Information: See the UL Online Certifications Directory at www.ul.com/directory 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: 20160524-E483259
Report Reference: E483259-20160524
Issue Date: 2016-JUNE-24

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

UL, CHL - Aluminum Electrical Rigid Metal Conduit, elbows, nipples and couplings in trade sizes of 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, and 6.
UL, CHL - Aluminum Electrical Rigid Metal Conduit, elbows, nipples and couplings, PVC coated, in trade sizes of 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, and 6.
UL, CHL - Stainless Steel Electrical Rigid Metal Conduit, elbows, nipples and couplings in trade sizes of 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, and 6.

UL, CHL - Stainless Steel Electrical Rigid Metal Conduit, elbows, nipples and couplings in trade sizes of 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, and 6.

UL, CHL - Stainless Steel Electrical Rigid Metal Conduit, elbows, nipples and couplings in trade sizes of 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, and 6.

Page 1 of 2

CERTIFICATE OF COMPLIANCE

Certificate Number: 20160521-E481799
Report Reference: E341799-20111026
Issue Date: 2014-AUGUST-21

Issued to: CIXI CHENGHE PIPE INDUSTRY CO LTD
CHAOTANG VILLAGE
ZONGSHAN TOWN
CIXI, ZHEJIANG 315301 CHINA

This is to certify that representative samples of RIGID FERROUS METAL CONDUIT See Addendum Page

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

Standard(s) for Safety: UL 6 and CSA C22.2 No. 45.1-07 - Electrical Rigid Metal Conduit - Steel
Additional Information: See the UL Online Certifications Directory at www.ul.com/directory for additional information.

Only those products bearing the UL Listing Mark for the US and Canada should be considered as being covered by UL Listing and Follow-Up Service meeting the appropriate requirements for US and Canada.
The UL Listing Mark for the US and Canada generally includes the UL in a circle symbol with "C" and "UL" identifiers. The word "LISTED" is a control number (may be abbreviated) assigned by UL, and the product category name (product identifier) as indicated in the appropriate UL Directory. Look for the UL Listing Mark on the product.

Page 1 of 2

CERTIFICATE OF COMPLIANCE

Certificate Number: 20160521-E481799
Report Reference: E341799-20111026
Issue Date: 2014-AUGUST-21

This is to certify that representative samples of RIGID NONFERROUS METALLIC 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 6A - ELECTRICAL RIGID METAL CONDUIT - ALUMINUM, RED BRASS, AND STAINLESS STEEL
CSA C22.2 No. 45.3-08 - ELECTRICAL RIGID METAL CONDUIT - ALUMINUM, RED BRASS, AND STAINLESS STEEL
Additional Information: See the UL Online Certifications Directory at www.ul.com/directory 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: 20160527-E483200
Report Reference: E483200-20160527
Issue Date: 2016-MAY-27

Issued to: CIXI CHENGHE PIPE INDUSTRY CO LTD
CHAOTANG VILLAGE
ZONGSHAN TOWN
CIXI, ZHEJIANG 315301 CHINA

This is to certify that representative samples of ELECTRICAL METALLIC TUBING
USL, CNL - Steel Electrical Metallic Tubing in trade sizes of 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2 and 4.
USL, CNL - Steel Electrical Metallic Tubing, elbows, in trade sizes of 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: Standard for Electrical Metallic Tubing - Steel, UL 797
Standard for Electrical Metallic Tubing - Steel, CSA C22.2 No. 65.1-07
Additional Information: See the UL Online Certifications Directory at www.ul.com/directory 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

ELECTRICAL METALLIC TUBING(EMT)

Standard: UL 797 ANSI C80.3
Material: Steel
Finish: HDG or In-line



Cat.No.		Trade Size		Normal Outside		Normal Wall		Approx. Wt. Per 100 Ft.(30.5M)		Qty. In Master Bundle	
HDG	In-line	US	Metric	in.	mm	in.	mm	lb.	kg	ft.	pcs
EMT15HDG	EMT15IN	1/2	16	0.706	17.93	0.042	1.07	30	13.6	7000	700
EMT20HDG	EMT20IN	3/4	21	0.922	23.42	0.049	1.25	46	20.9	5000	500
EMT25HDG	EMT25IN	1	27	1.163	29.54	0.057	1.45	67	30.4	3000	300
EMT32HDG	EMT32IN	1-1/4	35	1.51	38.35	0.065	1.65	101	45.8	2000	200
EMT40HDG	EMT40IN	1-1/2	41	1.74	44.20	0.065	1.65	116	52.6	1500	150
EMT50HDG	EMT50IN	2	53	2.197	55.80	0.065	1.65	148	67.1	1200	120
EMT65HDG	EMT65IN	2-1/2	63	2.875	73.03	0.072	1.83	216	98	610	61
EMT80HDG	EMT80IN	3	78	3.5	88.90	0.072	1.83	263	119.3	510	51
EMT90HDG	EMT90IN	3-1/2	91	4	101.60	0.083	2.11	249	158.3	370	37
EMT100HDG	EMT100IN	4	103	4.5	114.30	0.083	2.11	393	178.2	300	30

Outside diameter tolerances:
+/- .005 in. (.13mm) for trade sizes 1/2" (16mm) through 2" (53mm), +/- .010 in. (.25mm)for trade sizes 2-1/2" (63mm)
+/- .015 in. (.38mm) for trade size 3" (78mm), +/- .020 in. (.51mm)for trade sizes 3-1/2" (91mm) and 4" (103mm)
NOTE: Length = 10 ft. (3.05m) with a tolerance of +/- .25" (6.35 mm)

INTERMEDIATE METAL CONDUIT(IMC)

Standard: UL 1242 ANSI C80.6
Material: Steel
Finish: HDG
Color-coded thread protectors



Cat.No.	Trade Size		Normal Outside		Normal Wall		Approx. Wt. Per 100 Ft.(30.5M)		Qty. In Master Bundle	
	US	Metric	in.	mm	in.	mm	lb.	kg	ft.	pcs
IMC15	1/2	16	0.815	20.70	0.078	1.98	61.46	27.88	3500	350
IMC20	3/4	21	1.029	26.13	0.083	2.10	83.58	37.91	2500	250
IMC25	1	27	1.290	32.76	0.093	2.35	118.66	53.82	1700	170
IMC32	1-1/4	35	1.638	41.60	0.095	2.42	157.23	71.32	1350	135
IMC40	1-1/2	41	1.883	47.82	0.100	2.54	190.64	86.47	1100	110
IMC50	2	53	2.360	59.94	0.105	2.67	253.39	114.94	800	80
IMC65	2-1/2	63	2.857	72.56	0.150	3.81	434.62	197.14	370	37
IMC80	3	78	3.476	88.29	0.150	3.81	533.81	242.13	300	30
IMC90	3-1/2	91	3.971	100.86	0.150	3.81	613.42	278.24	240	24
IMC100	4	103	4.466	113.43	0.150	3.81	692.39	314.06	240	24

Outside diameter tolerances:
+/- .005 in. (.13mm) for trade sizes 1/2 (16mm) through 1 (25mm) ; +/- .0075 in. (.19mm) for trade sizes 1-1/4 (36mm) through 2 (53mm)
+/- 0.10 in (.25mm) for trade sizes 2-1/2 (63mm) through 4 (103mm).
NOTE: Length = 10 ft. (3.05m) with a tolerance of +/- .25" (6.35 mm)
The length of straight conduit, and the weight of finished zinc-coated conduit or bare threaded tube to be coated with an alternate corrosion-resistant coating with one coupling.

RIGID STEEL CONDUIT(RSC)

Standard: UL 6 ANSI C80.1
Material: Steel
Finish: HDG
Color-coded thread protectors



Cat.No.	Trade Size		Normal Outside		Normal Wall		Approx. Wt. Per 100 Ft.(30.5M)		Qty. In Master Bundle	
	US	Metric	in.	mm	in.	mm	lb.	kg	ft.	pcs
RSC15U	1/2	16	0.84	21.3	0.104	2.6	82	37.2	2500	250
RSC20U	3/4	21	1.05	26.7	0.107	2.7	109	49.4	2000	200
RSC25U	1	27	1.315	33.4	0.126	3.2	161	73	1250	125
RSC32U	1-1/4	35	1.66	42.2	0.133	3.4	218	98.9	900	90
RSC40U	1-1/2	41	1.9	48.3	0.138	3.5	263	119.3	800	80
RSC50U	2	53	2.375	60.3	0.146	3.7	350	158.7	600	60
RSC65U	2-1/2	63	2.875	73	0.193	4.9	559	253.5	370	37
RSC80U	3	78	3.5	88.9	0.205	5.2	727	329.7	300	30
RSC90U	3-1/2	91	4	101.6	0.215	5.5	880	399.1	250	25
RSC100U	4	103	4.5	114.3	0.225	5.7	1030	467.1	200	20
RSC125U	5	129	5.563	141.3	0.245	6.2	1400	634.9	150	15
RSC150U	6	155	6.625	168.3	0.266	6.8	1840	834.5	100	10

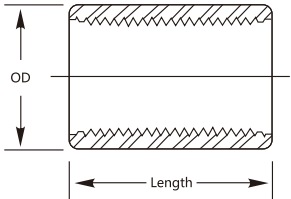
Outside diameter tolerances:
+/- .015 in. (.38mm) for trade sizes 1/2" (16mm) through 1 1/2" (41mm), +/- 1%.for trade size 2" (53mm) through 6" (155mm)
Wall thickness tolerances: +/- 12.5%
NOTE: Length = 10 ft. (3.05m) with a tolerance of +/- .25" (6.35mm)
The length of straight conduit, and the weight of finished zinc-coated conduit or bare threaded tube to be coated with an alternate corrosion-resistant coating with one coupling.

Galvanized Rigid Coupling

Standard: UL 6 ANSI C80.1
Material: Steel
Finish: Zinc plated or HDG+ Zinc plated

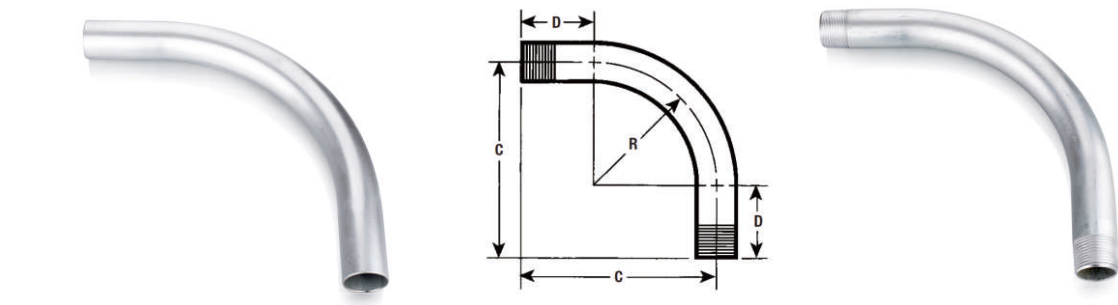
Cat.No.		Size	Threads per inch	O.D.	Min Length
Zinc plated	HDG				
GC15U	GC15HDG	1/2	14	1.010	1-5/8
GC20U	GC20HDG	3/4	14	1.250	1-41/64
GC25U	GC25HDG	1	11-1/2	1.525	1-31/32
GC32U	GC32HDG	1-1/4	11-1/2	1.869	2-1/32
GC40U	GC40HDG	1-1/2	11-1/2	2.155	2-1/16
GC50U	GC50HDG	2	11-1/2	2.650	2-1/8
GC65U	GC65HDG	2-1/2	8	3.250	3-3/16
GC80U	GC80HDG	3	8	3.870	3-5/16
GC90U	GC90HDG	3-1/2	8	4.500	3-13/32
GC100U	GC100HDG	4	8	4.875	3-33/64
GC125U	GC125HDG	5	8	6.000	3-61/64
GC150U	GC150HDG	6	8	7.100	4-1/4

Outside diameter tolerances:
+/- .015 in. (.38mm) for trade sizes 1/2" (16mm) through 1 1/2" (41mm),
+/- 1%.for trade size 2" (53mm) through 6" (155mm)



EMT 90° STANDARD ELBOW

Standard: UL 797 ANSI C80.3
Material: Steel
Finish: HDG or In-line



RIGID 90° STANDARD ELBOW

STANDARD:UL 6 ANSI C80.1
Material: Steel
Finish: HDG



Cat.No.	Trade Size	Metric Size	Min Radius R (in)	Offset C(in)	Straight End D (in)
EMTE9015U	1/2	16	4.00	5.70	1.70
EMTE9020U	3/4	21	4.50	6.65	2.15
EMTE9025U	1	27	5.75	8.10	2.35
EMTE9032U	1-1/4	35	7.25	10.00	2.75
EMTE9040U	1-1/2	41	8.25	11.40	3.15
EMTE9050U	2	53	9.50	13.05	3.55
EMTE9065U	2-1/2	63	10.50	15.55	5.05
EMTE9080U	3	78	13.00	17.80	4.80
EMTE9090U	3-1/2	91	15.00	20.35	5.35
EMTE90100U	4	103	16.00	23.10	7.10

Available in standard sizes 90°, 60°, 45°, 30°, 22.5 ° bends
Available In-line

Cat.No.	Trade Size	Metric Size	Min Radius R (in)	Offset C(in)	Straight End D (in)
RSCE9015U	1/2"	16	4.00	6.50	2.50
RSCE9020U	3/4"	21	4.50	7.20	2.70
RSCE9025U	1"	27	5.75	8.65	2.90
RSCE9032U	1-1/4"	35	7.25	10.50	3.25
RSCE9040U	1-1/2"	41	8.25	11.65	3.40
RSCE9050U	2"	53	9.50	13.80	4.30
RSCE9065U	2-1/2"	63	10.50	15.80	5.30
RSCE9080U	3"	78	13.00	18.55	5.55
RSCE9090U	3-1/2"	91	15.00	21.90	6.90
RSCE90100U	4"	103	16.00	23.10	7.10
RSCE90125U	5"	129	24.00	35.05	11.05
RSCE90150U	6"	155	30.00	42.85	12.85

Available in standard sizes 90°, 60°, 45°, 30°, 22.5 ° bends

LARGE RADIUS EMT/RIGID ELBOW

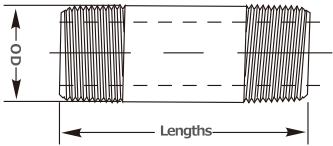
Standard: UL 797 ANSI C80.3
Material: Steel
Finish: HDG

Cat. No.		Trade Size	Metric Size	Min Radius R (in)	Offset C(in)	Straight End D (in)
EMT	RIGID					
LG12E_90	LG12R_90	1"~2 ½"	27~63	12.00	21.00	9.00
LG15E_90	LG15R_90	1"~3"	27~78	15.00	24.00	9.00
LG18E_90	LG18R_90	1"~4"	27~103	18.00	32.00	10.00
LG24E_90	LG24R_90	1"~4"	27~103	24.00	35.00	11.00
LG30E_90	LG30R_90	1"~6"	27~155	30.00	41.00	11.00
LG36E_90	LG36R_90	1"~6"	27~155	36.00	47.00	11.00
LG42E_90	LG42R_90	1"~6"	27~155	42.00	54.00	11.00
LG48E_90	LG48R_90	1"~6"	27~155	48.00	60.00	12.00
LG60E_90	LG60R_90	1"~6"	27~155	60.00	72.00	12.00

Available in standard sizes 90°, 60°, 45°, 30°, 22.5 ° bends

Galvanized Rigid Nipple

Standard: UL 6 ANSI C80.1
Material: Steel
Finish: Zinc plated or HDG+ Zinc plated



SIZE	O.D.	NIPPLE LENGTH										
		CLOSE	2"	2-1/2"	3"	3-1/2"	4"	5"	6"	8"	10"	12"
1/2	0.840	GN15CL	GN1520	GN1525	GN1530	GN1535	GN1540	GN1550	GN1560	GN1580	GN15100	GN15120
3/4	1.015	GN20CL	GN2020	GN2025	GN2030	GN2035	GN2040	GN2050	GN2060	GN2080	GN20100	GN20120
1	1.315	GN25CL	GN2520	GN2525	GN2530	GN2535	GN2540	GN2550	GN2560	GN2580	GN25100	GN25120
1-1/4	1.660	GN32CL	GN3220	GN3225	GN3230	GN3235	GN3240	GN3250	GN3260	GN3280	GN32100	GN32120
1-1/2	1.900	GN40CL	GN4020	GN4025	GN4030	GN4035	GN4040	GN4050	GN4060	GN4080	GN40100	GN40120
2	2.375	GN50CL		GN5025	GN5030	GN5035	GN5040	GN5050	GN5060	GN5080	GN50100	GN50120
2-1/2	2.875	GN65CL			GN6530	GN6535	GN6540	GN6550	GN6560	GN6580	GN65100	GN65120
3	3.500	GN80CL				GN8035	GN8040	GN8050	GN8060	GN8080	GN80100	GN80120
3-1/2	4.000	GN90CL					GN9040	GN9050	GN9060	GN9080	GN90100	GN90120
4	4.500	GN100CL					GN10040	GN10050	GN10060	GN10080	GN100100	GN100120
5	5.563	GN125CL						GN12550	GN12560	GN12580	GN125100	GN125120
6	6.625	GN150CL							GN15060	GN15080	GN150100	GN150120

NOTE: Length tolerances + 1/16"(1.59mm)

ANSI/UL ALUMINUM CONDUIT & ECN



- Light Weight Rigid Aluminum Conduit is approximately one-third the weight of steel.
- Corrosion Resistant Aluminum resists most corrosive atmospheres in industrial environments.
- Easy to Install Aluminum Conduit can be easily cut, bent and threaded without special tools.
- Low Maintenance Aluminum Conduit does not corrode or leave discoloring streaks or stains.

RIGID ALUMINUM CONDUIT(RAC)

Standard: UL 6A ANSI C80.5
Material: 6063 T1
Color-coded thread protectors

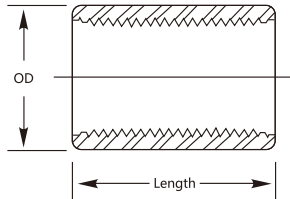


Cat.No.	Trade Size		Normal Outside		Normal Wall		Approx. Wt. Per 100 Ft.(30.5M)		Qty. In Master Bundle	
	US	Metric	in.	mm	in.	mm	lb.	kg	ft.	pcs
RAC15	1/2	16	0.84	21.3	0.104	2.6	28.1	12.7	2500	250
RAC20	3/4	21	1.05	26.7	0.107	2.7	37.4	17.0	2500	250
RAC25	1	27	1.315	33.4	0.126	3.2	54.5	24.7	2000	200
RAC32	1-1/4	35	1.66	42.2	0.133	3.4	71.6	32.5	1000	100
RAC40	1-1/2	41	1.9	48.3	0.138	3.5	88.7	40.2	1000	100
RAC50	2	53	2.375	60.3	0.146	3.7	118.5	53.8	450	45
RAC65	2-1/2	63	2.875	73	0.193	4.9	187.5	85.0	300	30
RAC80	3	78	3.5	88.9	0.205	5.2	246.3	111.7	200	20
RAC90	3-1/2	91	4	101.6	0.215	5.5	295.6	134.1	200	20
RAC100	4	103	4.5	114.3	0.225	5.7	305.2	155.8	200	20
RAC125	5	129	5.563	141.3	0.245	6.2	408.9	217.2	80	8
RAC150	6	155	6.625	168.3	0.266	6.8	630.4	285.9	60	6

Outside diameter tolerances:
+/- .015 in. (.38mm) for trade sizes 1/2" (16mm) through 1 1/2" (41mm), +/- 1% for trade size 2" (53mm) through 6" (155mm)
Wall thickness tolerances: +/- 12.5%
NOTE: Length = 10 ft. (3.05m) with a tolerance of +/- .25" (6.35mm)

Rigid ALUMINUM Coupling

Standard: UL 6A ANSI C80.5
Material: 6063 T5



Cat.No.	Size	Threads perinch	O.D.	Min Length
AC15	1/2	14	1.08	1-5/8
AC20	3/4	14	1.33	1-41/64
AC25	1	11-1/2	1.56	1-31/32
AC32	1-1/4	11-1/2	1.95	2-1/32
AC40	1-1/2	11-1/2	2.22	2-1/16
AC50	2	11-1/2	2.75	2-1/8
AC65	2-1/2	8	3.28	3-3/16
AC80	3	8	3.94	3-5/16
AC90	3-1/2	8	4.44	3-13/32
AC100	4	8	5.00	3-33/64
AC125	5	8	6.30	3-61/64
AC150	6	8	7.39	4-1/4

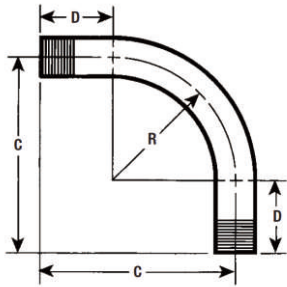
Outside diameter tolerances:
+/- .015 in. (.38mm) for trade sizes 1/2" (16mm) through 1 1/2" (41mm),
+/- 1% for trade size 2" (53mm) through 6" (155mm)

RIGID 90° STANDARD ALUMINUM ELBOW

Standard:UL 6A ANSI C80.5
Material: 6063 T1

Cat.No.	Trade Size	Metric Size	Min Radius R (in)	Offset C(in)	Straight End D(in)
RACE4515	1/2	16	4.00	6.50	2.50
RACE4520	3/4	21	4.50	7.20	2.70
RACE4525	1	27	5.75	8.65	2.90
RACE4532	1-1/4	35	7.25	10.50	3.25
RACE4540	1-1/2	41	8.25	11.65	3.40
RACE4550	2	53	9.50	13.80	4.30
RACE4565	2-1/2	63	10.50	15.80	5.30
RACE4580	3	78	13.00	18.55	5.55
RACE4590	3-1/2	91	15.00	21.90	6.90
RACE45100	4	103	16.00	23.10	7.10
RACE45125	5	129	24.00	35.05	11.05
RACE45150	6	155	30.00	42.85	12.85

Available in standard sizes 90°, 60°, 45°, 30°, 22.5 ° bends



LARGE RADIUS RIGID ALUMINUM ELBOW

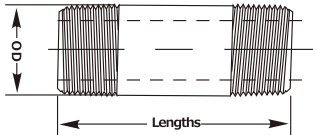
Standard:UL 6A ANSI C80.5
Material: 6063 T1

Cat.No.	Trade Size	Metric Size	Min Radius R (in)	Offset C(in)	Straight End D(in)
LGA12R_90	1~2 ½"	27~63	12.00	21.00	9.00
LGA15R_90	1"~3"	27~78	15.00	24.00	9.00
LGA18R_90	1"~4"	27~103	18.00	32.00	10.00
LGA24R_90	1"~4"	27~103	24.00	35.00	11.00
LGA30R_90	1"-6"	27~155	30.00	41.00	11.00
LGA36R_90	1"-6"	27~155	36.00	47.00	11.00
LGA42R_90	1"-6"	27~155	42.00	54.00	12.00
LGA48R_90	1"-6"	27~155	48.00	60.00	12.00
LGA60R_90	1"-6"	27~155	60.00	72.00	12.00

Available in standard sizes 90°, 60°, 45°, 30°, 22.5 ° bends

ALUMINUM Rigid Nipple

Standard: UL 6A ANSI C80.5
Material: 6063 T1



SIZE	OD	NIPPLE LENGTH										
		CLOSE	2"	2-1/2"	3"	3-1/2"	4"	5"	6"	8"	10"	12"
1/2	0.840	AN15CL	AN1520	AN1525	AN1530	AN1535	AN1540	AN1550	AN1560	AN1580	AN15100	AN15120
3/4	1.015	AN20CL	AN2020	AN2025	AN2030	AN2035	AN2040	AN2050	AN2060	AN2080	AN20100	AN20120
1	1.315	AN25CL	AN2520	AN2525	AN2530	AN2535	AN2540	AN2550	AN2560	AN2580	AN25100	AN25120
1-1/4	1.660	AN32CL	AN3220	AN3225	AN3230	AN3235	AN3240	AN3250	AN3260	AN3280	AN32100	AN32120
1-1/2	1.900	AN40CL	AN4020	AN4025	AN4030	AN4035	AN4040	AN4050	AN4060	AN4080	AN40100	AN40120
2	2.375	AN50CL		AN5025	AN5030	AN5035	AN5040	AN5050	AN5060	AN5080	AN50100	AN50120
2-1/2	2.875	AN65CL			AN6530	AN6535	AN6540	AN6550	AN6560	AN6580	AN65100	AN65120
3	3.500	AN80CL				AN8035	AN8040	AN8050	AN8060	AN8080	AN80100	AN80120
3-1/2	4.000	AN90CL					AN9040	AN9050	AN9060	AN9080	AN90100	AN90120
4	4.500	AN100CL					AN10040	AN10050	AN10060	AN10080	AN100100	AN100120
5	5.563	AN125CL						AN12550	AN12560	AN12580	AN125100	AN125120
6	6.625	AN150CL							AN15060	AN15080	AN150100	AN150120

NOTE: Length tolerances + 1/16"(1.59mm)

ANSI/UL COLOR CONDUIT



Applications

Red • Emergency circuits • Fire alarm and security systems	Green • Hospital and healthcare areas • Nurse call stations • Critical circuits	Yellow • High voltage wiring • Caution areas • Special equipment	Blue • Low voltage wiring • Data com/video • Network security
Orange • Construction/research areas • Fiber optic systems • Auto repair/maintenance	Purple • Specialty wiring systems • Security systems	Black • Blends in dark colored areas	White • Blends in light colored areas

COLOR ELECTRICAL METALLIC TUBING(COLOR EMT)

Standard: UL 797 /ANSI C80.3

Trade Size		Cat number								Qty. In Master Bundle	
US	Metric	Red	Green	Yellow	Blue	Orange	Purple	Black	White	ft.	pcs
1/2	16	EMT15-RD	EMT15-GN	EMT15-YE	EMT15-BU	EMT15-OR	EMT15-PU	EMT15-BK	EMT15-WH	2500	250
3/4	21	EMT20-RD	EMT20-GN	EMT20-YE	EMT20-BU	EMT20-OR	EMT20-PU	EMT20-BK	EMT20-WH	2000	200
1	27	EMT25-RD	EMT25-GN	EMT25-YE	EMT25-BU	EMT25-OR	EMT25-PU	EMT25-BK	EMT25-WH	1000	100
1-1/4	35	EMT32-RD	EMT32-GN	EMT32-YE	EMT32-BU	EMT32-OR	EMT32-PU	EMT32-BK	EMT32-WH	500	50
1-1/2	41	EMT40-RD	EMT40-GN	EMT40-YE	EMT40-BU	EMT40-OR	EMT40-PU	EMT40-BK	EMT40-WH	500	50
2	53	EMT50-RD	EMT50-GN	EMT50-YE	EMT50-BU	EMT50-OR	EMT50-PU	EMT50-BK	EMT50-WH	610	61
2-1/2	63	EMT65-RD	EMT65-GN	EMT65-YE	EMT65-BU	EMT65-OR	EMT65-PU	EMT65-BK	EMT65-WH	370	37
3	78	EMT80-RD	EMT80-GN	EMT80-YE	EMT80-BU	EMT80-OR	EMT80-PU	EMT80-BK	EMT80-WH	200	20
3-1/2	91	EMT90-RD	EMT90-GN	EMT90-YE	EMT90-BU	EMT90-OR	EMT90-PU	EMT90-BK	EMT90-WH	100	10
4	103	EMT100-RD	EMT100-GN	EMT100-YE	EMT100-BU	EMT100-OR	EMT100-PU	EMT100-BK	EMT100-WH	100	10

COLOR RIGID STEEL CONDUIT(COLOR RSC)

Standard: UL 6 /ANSI C80.1

Trade Size		Cat number								Qty. In Master Bundle	
US	Metric	Red	Green	Yellow	Blue	Orange	Purple	Black	White	ft.	pcs
1/2	16	RSC15-RD	RSC15-GN	RSC15-YE	RSC15-BU	RSC15-OR	RSC15-PU	RSC15-BK	RSC15-WH	2500	250
3/4	21	RSC20-RD	RSC20-GN	RSC20-YE	RSC20-BU	RSC20-OR	RSC20-PU	RSC20-BK	RSC20-WH	2000	200
1	27	RSC25-RD	RSC25-GN	RSC25-YE	RSC25-BU	RSC25-OR	RSC25-PU	RSC25-BK	RSC25-WH	1250	125
1-1/4	35	RSC32-RD	RSC32-GN	RSC32-YE	RSC32-BU	RSC32-OR	RSC32-PU	RSC32-BK	RSC32-WH	900	90
1-1/2	41	RSC40-RD	RSC40-GN	RSC40-YE	RSC40-BU	RSC40-OR	RSC40-PU	RSC40-BK	RSC40-WH	800	80
2	53	RSC50-RD	RSC50-GN	RSC50-YE	RSC50-BU	RSC50-OR	RSC50-PU	RSC50-BK	RSC50-WH	600	60
2-1/2	63	RSC65-RD	RSC65-GN	RSC65-YE	RSC65-BU	RSC65-OR	RSC65-PU	RSC65-BK	RSC65-WH	370	37
3	78	RSC80-RD	RSC80-GN	RSC80-YE	RSC80-BU	RSC80-OR	RSC80-PU	RSC80-BK	RSC80-WH	300	30
3-1/2	91	RSC90-RD	RSC90-GN	RSC90-YE	RSC90-BU	RSC90-OR	RSC90-PU	RSC90-BK	RSC90-WH	250	25
4	103	RSC100-RD	RSC100-GN	RSC100-YE	RSC100-BU	RSC100-OR	RSC100-PU	RSC100-BK	RSC100-WH	200	20

Features:

- Choose from 8 color coatings for easy circuit identification
- Excellent mechanical protection for conductors
- Ductile steel for faster and easier bending
- High grade mild strip steel for durability and longer life
- Listed to Underwriters Laboratories Safety Standard UL 797 and UL 6
- Available in trade sizes ½" (16) –4" (103)

BS GALVANIZED CONDUIT & EC



- Features:
- Hot Dipped Galvanised to Class 4
 - High grade mild strip steel for durability and longer life
 - The range comprises 20, 25 and 32mm, 1½" and 2" diameters

BS Galvanized Conduit

Hot dipped galvanized (Class 4), Ends with thread, zinc-coating protected one end with steel coupling , another with plastic cap



	Cat.No.	Size	O.D. mm	Thickness mm	Length meters	Packing pcs/bundle
EN 61386	IEC20	20	20.0	1.40	3.75	200
	IEC25	25	25.0	1.40	3.75	150
	IEC32	32	32.0	1.40	3.75	100
BS 4568	BS20	20	20.0	1.60	3.75	200
	BS25	25	25.0	1.60	3.75	150
	BS32	32	32.0	1.60	3.75	100
BS 31	BS38	1-1/2"	38.1	1.83	3.75	50
	BS50	2"	50.8	2.03	3.75	35

BS Elbow

Hot dipped galvanized (Class 4)
Internal Thread



Cat.No.	Size
BSE20	20
BSE25	25
BSE32	32
BSE38	1-1/2"
BSE50	2"

BS Coupling

Hot dipped galvanized (Class 4)
Internal Thread



Cat.No.	Size
BSK20	20
BSK25	25
BSK32	32
BSK38	1-1/2"
BSK50	2"