Galvanized Rigid Conduit (GRC) and Kwik-Couple® GRC

Galvanized Rigid Conduit (GRC)

- Hot-dip galvanized for excellent corrosion resistance
- High strength ductile steel for long life and easy bending
- Smooth, continuous raceways for fast wire pulling
- Kwik-Release End Cap to protect threads
- True Color™ GRC special orders available
- Listed to Safety Standard UL 6
- Manufactured in accordance with ANSI C80.1
- Available in sizes 1/2 (16) - 6 (155)

Quality, Long Lasting Heavy Duty Steel Conduit

Kwik-Couple Galvanized Rigid Conduit (GRC)

- Similar Benefits to standard GRC Conduit*
- Factory installed Kwik-Couple™ couplings are available on GRC conduit

  Just line up the ends, spin the coupling forward onto the next piece and wrench tighten. It's that easy!
- No separate couplings to purchase, inventory or install
- Kwik-Release End Cap to protect threads
- True Color™ Kwik-Couple® GRC special orders available
- Manufactured in accordance with ANSI C80.1
- Available in sizes 2 1/2 (63) - 5 (129)

*Kwik-Couple GRC does not contain a listing for wet locations and is not approved for Class I Division I locations.

Chart on the following page

Kwik-Couple Rigid Elbows

- Also available with pre-installed Kwik-Couple Couplings
- Made to order, contact us for lead times

For Faster Installations Use the Kwik-Couple GRC Connection

* U.S. Patent Numbers 7,404,582 and 7,726,001.

Galvanized Rigid Conduit (GRC)

Listed to UL 6, manufactured in accordance with ANSI C80.1

Trade Size	Metric Designator	Outside Diameter[1]		Nominal Wall Thickness[2]		Approximate Weight Per 100 Ft. (30.5M)		Quantity in Master Bundle*	
		in	mm	in	mm	lb	kg	ft	m
1/2	16	0.840	21.34	0.104	2.64	82	37.2	2500	762.5
3/4	21	1.050	26.67	0.107	2.72	109	49.4	2000	610.0
1	27	1.315	33.40	0.126	3.20	161	73.0	1250	381.3
1 1/4	35	1.660	42.16	0.133	3.38	218	98.9	900	274.5
1 1/2	41	1.900	48.26	0.138	3.51	263	119.3	800	244.0
2	53	2.375	60.33	0.146	3.71	350	158.8	600	183.0
2 1/2	63	2.875	73.03	0.193	4.90	559	253.6	370	112.9
3	78	3.500	88.90	0.205	5.21	727	329.8	300	91.5
3 1/2	91	4.000	101.60	0.215	5.46	880	399.2	250	76.3
4	103	4.500	114.30	0.225	5.72	1030	467.2	200	61.0
5	129	5.563	141.30	0.245	6.22	1520	689.5	150	45.8
6	155	6.625	168.28	0.266	6.76	1785	809.7	100	30.5

[1] Tolerances: Trade Size 1/2 to 1-1/2: ±0.015" (0.38mm); Trade Size 2-6: ±1% Length equals 10 ft. (3.05m) with a tolerance of +/- .25 in. (6.35mm)

[2] For information only. Not a requirement of the UL standard.

* NEMA RN-3 Standard

Project Information

Company Name: _____

Address: _____

City: _____

State & Zip: _____

Phone: _____

Project Name: _____

City: _____

State: _____

NOTE: Special orders are non-cancelable, non-returnable and non-refundable

Galvanized Rigid Conduit (GRC) and Kwik-Couple® GRC

FEATURES & SPECIFICATIONS

Full Electrical System Protection

Manufactured from mild steel, Allied's Rigid Conduit is highly resistant to damage from impact yet ductile to facilitate bending.

The 3/4" taper NPT threads (ANSI B1.20.1) are full cut and hot galvanized after cutting. Color-coded end cap thread protectors keep the threads clean, sharp and also provide instant trade size recognition. Even sizes are color-coded blue, 1/2 sizes black, and 1/4 sizes red.

Coatings

Hot-dip galvanized inside and out to provide galvanic corrosion protection. Also topcoated with a compatible organic layer to protect against white rust. The inside surface is evenly coated for wire-pulling ease, even through multiple 90° bends.

EMI Shielding

Allied Rigid Steel Conduit is very effective in reducing the effects of electromagnetic field levels for encased power distribution circuits, shielding computers and other sensitive electronic equipment from the effects of electromagnetic interference.

Visit www.alliedeg.com to obtain the **GEMI** (**G**rounding and **E**lectro-**M**agnetic **I**nterference) software analysis program.

Codes & Standards Compliance

Standard Galvanized Rigid Steel Conduit produced by Allied is precision manufactured for dependable, long-lasting value and ultimate protection for electrical conductors. Covered by article 344 of the National Electrical Code® (NEC), rigid steel conduit is highly resistant to damage from impact. It can be installed in all occupancies and locations, including Class I Division 1 hazardous locations. Rigid steel conduit is recognized as an equipment grounding conductor in Section 250.118 of the NEC. It is listed to Underwriters Laboratories Safety Standard UL 6 and is manufactured to ANSI C80.1, both of which have been adopted as Federal Specifications in lieu of WWC 581.

Kwik-Couple Rigid steel conduit is listed to UL 6 and UL 514B and is manufactured in accordance with ANSI C80.1. Kwik-Couple Rigid Steel conduit is Listed for Concrete-tight applications.

Installation of Rigid Metal Conduit shall be in accordance with the National Electrical Code and UL General Information card #DYIX. Master bundles conform to NEMA standard RN2.

Specification Data

To specify, Rigid Steel Conduit and Kwik-Couple Rigid Steel Conduit include the following: Rigid Steel Conduit shall be hot-dip galvanized and manufactured by Allied Tube & Conduit. Threads shall be hot galvanized after cutting. Rigid steel conduit shall be listed to UL Safety Standard 6 by a nationally-recognized testing laboratory with follow up service. It shall be manufactured in accordance with ANSI C80.1.

Note: Federal specification WW-C-581, Class 1, Type A has been superseded by UL Standard 6, which has been adopted by the federal government.

Kwik-Couple (GRC)

UL Safety Standard 6
Manufactured in accordance with ANSI C80.1

KWIK-COUPLE AVAILABLE
Trade Size 2-1/2 to 5

Trade Size	Metric Designator	Outside Diameter[1]		Nominal Wall Thickness[2]		Approximate Weight Per 100 Ft. (30.5M)		Bundle Quantity	
		in	mm	in	mm	lb	kg	ft	m
2 1/2	63	2.875	73.03	0.193	4.90	559	253.6	400	121.9
3	78	3.500	88.90	0.205	5.21	727	329.8	300	91.4
3 1/2	91	4.000	101.60	0.215	5.46	880	399.2	250	76.2
4	103	4.500	114.30	0.225	5.72	1030	467.2	200	61.0
5	129	5.563	141.30	0.245	6.22	1400	635.0	150	45.7

[1] Tolerances: Trade Size 2-1/2 to 5: ± 1%
[2] For information only. Not a requirement of the UL standard.

NOTE: Special orders are non-cancelable, non-returnable and non-refundable

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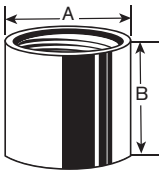
www.alliedeg.com

Galvanized Rigid Conduit (GRC) Couplings & Elbows

allied TUBE & CONDUIT®
A PART OF atkore INTERNATIONAL

Galvanized Rigid Conduit (GRC) Couplings

Manufactured to Underwriters Laboratory Safety Standards UL 6
Manufactured in accordance with ANSI C80.1

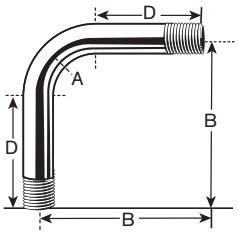


Trade Size	Metric Designator	Nominal O.D. (A)[2]		Length (B)[1]		Threads Per Inch[1]	Approximate Weight Per 100 Pieces		Standard Package
		in	mm	in	mm		lb	kg	
1/2	16	1.01	25.7	1 5/8	41.3	14	12	5.4	100
3/4	21	1.25	31.8	1 41/64	41.7	14	18	8.2	50
1	27	1.53	38.7	1 31/32	50.0	11 1/2	30	13.6	30
1 1/4	35	1.87	47.5	2 1/32	51.6	11 1/2	37	16.8	25
1 1/2	41	2.16	54.7	2 1/16	52.4	11 1/2	52	23.6	25
2	53	2.65	67.3	2 1/8	54.0	11 1/2	72	32.7	20
2 1/2	63	3.25	82.6	3 3/16	81.0	8	170	77.1	1
3	78	3.87	98.3	3 5/16	84.1	8	210	95.3	1
3 1/2	91	4.50	114.3	3 13/32	86.5	8	340	154.2	1
4	103	4.88	123.8	3 33/64	89.3	8	300	136.1	1
5	129	6.00	152.4	3 61/64	100.4	8	475	215.5	1
6	155	7.20	182.9	4 1/4	108.0	8	765	347.0	1

[1]Mimimum requirement as per UL Standard

Galvanized Rigid Conduit (GRC) 90 Degree Elbows

Listed to UL Safety Standard 6
Manufactured in accordance with ANSI C80.1



Trade Size	Metric Designator	Radius (A)[1]		Offset (B)[2]		Straight (D)[1]		Approximate Weight Per 100 Pieces		Standard Package
		in	mm	in	mm	in	mm	lb	kg	
1/2	16	4	102	5 7/8	149	1 1/2	38	68	30.8	50
3/4	21	4 1/2	114	7	178	1 1/2	38	109	49.4	50
1	27	5 3/4	146	8 3/4	222	1 7/8	48	201	91.2	25
1 1/4	35	7 1/4	184	10 3/4	273	2	51	336	152.4	20
1 1/2	41	8 1/4	210	12 1/4	311	2	51	460	208.7	15
2	53	9 1/2	241	14 1/2	368	2	51	729	330.7	10
2 1/2	63	10 1/2	267	17	432	3	76	1374	623.2	1
3	78	13	330	19 5/8	498	3 1/8	79	2045	927.6	1
3 1/2	91	15	381	22 3/4	578	3 1/4	83	2860	1297.3	1
4	103	16	406	23 7/8	606	3 3/8	86	3519	1596.2	1
5	129	24	610	34 7/8	886	3 5/8	92	6942	3148.9	1
6	155	30	762	45 1/2	1156	3 3/4	95	11960	5425.1	1

[1]Mimimum requirement as per UL Standard
[2]For information only, not a requirement as per UL Standard
Sizes 2 1/2 (63) and larger shipped in palletized cartons or bulk.
Also available in the following Degrees (60°, 45°, 30°, 22-1/2°, 15° & 11-1/4°)

KWIK-COUPLE ELBOWS AVAILABLE
by special order in Trade Size 2-1/2 to 5

NOTE: Special orders are non-cancelable, non-returnable and non-refundable

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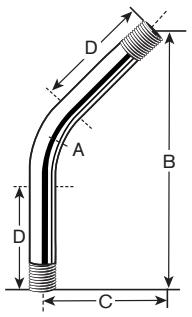
Galvanized Rigid Conduit (GRC) Elbows

Galvanized Rigid Conduit (GRC) 45 Degree Elbows

Listed to UL Safety Standard 6
Manufactured in accordance with ANSI C80.1

Trade Size	Metric Designator	Radius (A)[1]		Offset (B)[2]		Offset (C)[2]		Straight (D)[1]		Approximate Weight Per 100 Pieces		Standard Package
		in	mm	in	mm	in	mm	in	mm	lb	kg	
1/2	16	4	102	7	178	2 7/8	73	1 1/2	38	55	24.9	50
3/4	21	4 1/2	114	7 7/8	200	3 1/4	83	1 1/2	38	82	37.2	50
1	27	5 3/4	146	9 5/8	244	4	102	1 7/8	48	148	67.1	25
1 1/4	35	7 1/4	184	11 1/8	283	4 5/8	117	2	51	232	105.2	20
1 1/2	41	8 1/4	210	13 1/8	333	5 3/8	137	2	51	329	149.2	15
2	53	9 1/2	241	15 3/4	400	6 1/2	165	2	51	525	238.1	10
2 1/2	63	10 1/2	267	17 1/2	445	7 1/4	184	3	76	932	422.8	1
3	78	13	330	21 7/8	556	9	229	3 1/8	79	1515	687.2	1
3 1/2	91	15	381	26 1/8	664	10 7/8	276	3 1/4	83	2200	997.9	1
4	103	16	406	26 1/4	667	10 7/8	276	3 3/8	86	2575	1168.0	1
5	129	24	610	35 7/8	911	14 7/8	378	3 5/8	92	4783	2169.6	1
6	155	30	762	43 3/8	1102	18	457	3 3/4	95	7590	3442.8	1



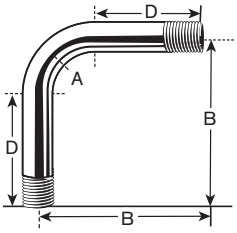
[1]Mimimum requirement as per UL Standard
[2]For information only, not a requirement as per UL Standard
Sizes 2 1/2 (63) and larger shipped in palletized cartons or bulk.
Also available in the following Degrees (60°, 45°, 30°, 22-1/2°, 15° & 11-1/4°)

KWIK-COUPLE ELBOWS AVAILABLE
by special order in Trade Size 2-1/2 to 5

Galvanized Rigid Conduit (GRC) Large Radius 90 Degree Elbows

Listed to UL Safety Standard 6
Manufactured in accordance with ANSI C80.1

Trade Size	Metric Designator	Radius (A)		Offset (B)[2]		Straight (D)[2]		Approximate Weight Per 100 Pieces	
		in	mm	in	mm	in	mm	lb	kg
1	27	12	305	20 5/8	524	8 5/8	219	483	219.1
1	27	15	381	24 1/4	616	9 1/4	235	564	255.8
1	27	18	457	27 7/8	708	9 7/8	251	644	292.1
1	27	24	610	34 5/8	879	10 5/8	270	792	359.3
1	27	30	762	41	1041	11	279	926	420.0
1	27	36	914	46 3/4	1187	10 3/4	273	1047	474.9
1	27	42	1067	54	1372	12	305	1208	547.9
1	27	48	1219	61 1/4	1556	13 1/4	337	1369	621.0
1 1/4	35	12	305	20 5/8	524	8 5/8	219	654	296.7
1 1/4	35	15	381	24 1/4	616	9 1/4	235	763	346.1
1 1/4	35	18	457	27 7/8	708	9 7/8	251	872	395.5
1 1/4	35	24	610	34 5/8	879	10 5/8	270	1072	486.3
1 1/4	35	30	762	41	1041	11	279	1254	568.8
1 1/4	35	36	914	46 3/4	1187	10 3/4	273	1417	642.8
1 1/4	35	42	1067	54	1372	12	305	1635	741.6
1 1/4	35	48	1219	61 1/4	1556	13 1/4	337	1853	840.5



[2]For information only, not a requirement as per UL Standard
Shipped in palletized cartons or bulk.
Also available in the following Degrees (90°, 60°, 30°, 22-1/2°, 15° & 11-1/4°)

Chart continued on the next page

NOTE: Special orders are non-cancelable, non-returnable and non-refundable

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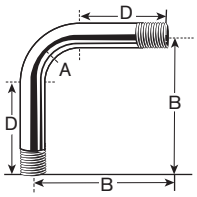
Galvanized Rigid Conduit (GRC) Elbows

Galvanized Rigid Conduit (GRC) Large Radius 90 Degree Elbows (continued)

Listed UL Safety Standard 6
Manufactured in accordance with ANSI C80.1



Trade Size	Metric Designator	Radius (A)		Offset (B)[2]		Straight (D)[2]		Approximate Weight Per 100 Pieces	
		in	mm	in	mm	in	mm	lb	kg
1 1/2	41	12	305	20 5/8	524	8 5/8	219	789	357.9
1 1/2	41	15	381	24 1/4	616	9 1/4	235	921	417.8
1 1/2	41	18	457	27 7/8	708	9 7/8	251	1052	477.2
1 1/2	41	24	610	34 5/8	879	10 5/8	270	1293	586.5
1 1/2	41	30	762	41	1041	11	279	1512	685.8
1 1/2	41	36	914	46 3/4	1187	10 3/4	273	1710	775.7
1 1/2	41	42	1067	54	1372	12	305	1973	895.0
1 1/2	41	48	1219	61 1/4	1556	13 1/4	337	2236	1014.2
2	53	15	381	24 1/4	616	9 1/4	235	1225	555.7
2	53	18	457	27 7/8	708	9 7/8	251	1400	635.0
2	53	24	610	30 3/8	772	6 3/8	162	1473	668.2
2	53	30	762	41	1041	11	279	2013	913.1
2	53	36	914	46 3/4	1187	10 3/4	273	2275	1031.9
2	53	42	1067	54	1372	12	305	2625	1190.7
2	53	48	1219	61 1/4	1556	13 1/4	337	2975	1349.5
2 1/2	63	18	457	24 3/8	619	6 3/8	162	1910	866.4
2 1/2	63	24	610	31 1/8	791	7 1/8	181	2422	1098.6
2 1/2	63	30	762	37 1/2	953	7 1/2	191	2888	1310.0
2 1/2	63	36	914	44 3/4	1137	8 3/4	222	3447	1563.6
2 1/2	63	42	1067	54	1372	12	305	4193	1901.9
2 1/2	63	48	1219	61 1/4	1556	13 1/4	337	4752	2155.5
3	78	15	381	24 1/4	616	9 1/4	235	2545	1154.4
3	78	18	457	24 3/8	619	6 3/8	162	2484	1126.7
3	78	24	610	33 1/8	841	9 1/8	232	3393	1539.1
3	78	30	762	38 5/8	981	8 5/8	219	3892	1765.4
3	78	36	914	46 7/8	1191	10 7/8	276	4741	2150.5
3	78	42	1067	54	1372	12	305	5453	2473.5
3	78	48	1219	60 1/4	1530	12 1/4	311	6058	2747.9
3	78	60	1524	75 7/8	1927	15 7/8	403	7634	3462.8
3 1/2	91	18	457	26 3/8	670	8 3/8	213	3300	1496.9
3 1/2	91	24	610	35 1/8	892	11 1/8	283	4400	1995.8
3 1/2	91	30	762	38 1/2	978	8 1/2	216	4693	2128.7
3 1/2	91	36	914	47	1194	11	279	5757	2611.4
3 1/2	91	42	1067	54	1372	12	305	6600	2993.8
3 1/2	91	48	1219	60 1/4	1530	12 1/4	311	7333	3326.2
4	103	18	457	27 3/8	695	9 3/8	238	4034	1829.8
4	103	24	610	35 1/8	892	11 1/8	283	5150	2336.0
4	103	30	762	39 3/8	1000	9 3/8	238	5644	2560.1
4	103	36	914	47	1194	11	279	6738	3056.4
4	103	42	1067	54	1372	12	305	7725	3504.1
4	103	48	1219	60 1/4	1530	12 1/4	311	8583	3893.2
4	103	60	1524	75 7/8	1927	15 7/8	403	10815	4905.7

[2]For information only, not a requirement as per UL Standard
Shipped in palletized cartons or bulk.
Also available in the following Degrees (60°, 45°, 30°, 22-1/2°, 15° & 11-1/4°)

Chart continued on the next page

KWIK-COUPLE AVAILABLE
Trade Size 2-1/2 to 5 by special order

NOTE: Special orders are non-cancelable, non-returnable and non-refundable

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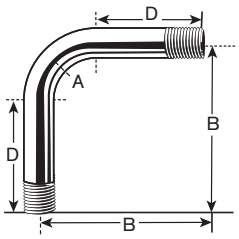
Galvanized Rigid Conduit (GRC) Elbows & Nipples

Galvanized Rigid Conduit (GRC) Large Radius 90 Degree Elbows (continued)

Listed to UL Safety Standard 6
Manufactured in accordance with ANSI C80.1



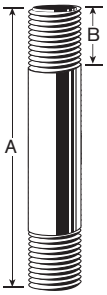
Trade Size	Metric Designator	Radius (A)		Offset (B)[2]		Straight (D)[2]		Approximate Weight Per 100 Pieces	
		in	mm	in	mm	in	mm	lb	kg
5	129	36	914	50 3/4	1289	14 3/4	375	10033	4551.0
5	129	48	1219	65 1/4	1657	17 1/4	438	12833	5821.0
5	129	60	1524	75 7/8	1927	15 7/8	403	14700	6667.9
6	155	36	914	50 3/4	1289	14 3/4	375	13187	5981.6
6	155	48	1219	65 1/4	1657	17 1/4	438	16867	7650.9
6	155	60	1524	75 7/8	1927	15 7/8	403	19320	8763.6

[2]For information only, not a requirement as per UL Standard
Shipped in palletized cartons or bulk.
Also available in the following Degrees (60°, 45°, 30°, 22-1/2°, 15° & 11-1/4°)

KWIK-COUPLE AVAILABLE
Trade Size 2-1/2 to 5 by special order

Galvanized Rigid Conduit (GRC) Nipples

Listed to UL Safety Standard 6
Manufactured in accordance with ANSI C80.1



Trade Size	Metric Designator	Length (A)		Total Thread Length (B)[1]		Threads Per Inch[1]	Approximate Weight Per 100 Pieces		Standard Package
		in	mm	in	mm		lb	kg	
1/2	16	(Close) 1 1/8	29	0.78	19.8	14	6	2.7	25
1/2	16	1 1/2	38	0.78	19.8	14	8	3.6	25
1/2	16	2	51	0.78	19.8	14	12	5.4	25
1/2	16	2 1/2	64	0.78	19.8	14	15	6.8	25
1/2	16	3	76	0.78	19.8	14	19	8.6	25
1/2	16	3 1/2	89	0.78	19.8	14	22	10.0	25
1/2	16	4	102	0.78	19.8	14	26	11.8	25
1/2	16	5	127	0.78	19.8	14	33	15.0	25
1/2	16	6	152	0.78	19.8	14	40	18.1	25
1/2	16	8	203	0.78	19.8	14	54	24.5	25
1/2	16	10	254	0.78	19.8	14	68	30.8	25
1/2	16	12	305	0.78	19.8	14	82	37.2	25
3/4	21	(Close) 1 3/8	35	0.79	20.1	14	9	4.1	25
3/4	21	1 1/2	38	0.79	20.1	14	10	4.5	25
3/4	21	2	51	0.79	20.1	14	14	6.4	25
3/4	21	2 1/2	64	0.79	20.1	14	19	8.6	25
3/4	21	3	76	0.79	20.1	14	24	10.9	25
3/4	21	3 1/2	89	0.79	20.1	14	28	12.7	25
3/4	21	4	102	0.79	20.1	14	34	15.4	25
3/4	21	5	127	0.79	20.1	14	43	19.5	25
3/4	21	6	152	0.79	20.1	14	52	23.6	25
3/4	21	8	203	0.79	20.1	14	73	33.1	25
3/4	21	10	254	0.79	20.1	14	89	40.4	25
3/4	21	12	305	0.79	20.1	14	109	49.4	25

[1]Mimimum requirement as per UL Standard
A tolerance of minus one thread applies to Total length of Thread

Chart continued on the next page

NOTE: Special orders are non-cancelable, non-returnable and non-refundable

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Galvanized Rigid Conduit (GRC) Nipples

Galvanized Rigid Conduit (GRC) Nipples (continued)

Listed to UL Safety Standard 6
Manufactured in accordance with ANSI C80.1

Trade Size	Metric Designator	Length (A)		Total Thread Length (B)[1]		Threads Per Inch[1]	Approximate Weight Per 100 Pieces		Standard Package
		in	mm	in	mm		lb	kg	
1	27	(Close) 1 1/2	38	0.98	24.9	11 1/2	16	7.3	25
1	27	2	51	0.98	24.9	11 1/2	22	10.0	25
1	27	2 1/2	64	0.98	24.9	11 1/2	28	12.7	25
1	27	3	76	0.98	24.9	11 1/2	36	16.3	25
1	27	3 1/2	89	0.98	24.9	11 1/2	43	19.5	25
1	27	4	102	0.98	24.9	11 1/2	49	22.2	25
1	27	5	127	0.98	24.9	11 1/2	64	29.0	25
1	27	6	152	0.98	24.9	11 1/2	78	35.4	25
1	27	8	203	0.98	24.9	11 1/2	109	49.4	25
1	27	10	254	0.98	24.9	11 1/2	138	62.6	25
1	27	12	305	0.98	24.9	11 1/2	166	75.3	25
1 1/4	35	(Close) 1 5/8	41	1.01	25.7	11 1/2	22	10.0	25
1 1/4	35	2	51	1.01	25.7	11 1/2	28	12.7	25
1 1/4	35	2 1/2	64	1.01	25.7	11 1/2	37	16.8	25
1 1/4	35	3	76	1.01	25.7	11 1/2	47	21.3	25
1 1/4	35	3 1/2	89	1.01	25.7	11 1/2	55	24.9	25
1 1/4	35	4	102	1.01	25.7	11 1/2	66	29.9	25
1 1/4	35	5	127	1.01	25.7	11 1/2	84	38.1	25
1 1/4	35	6	152	1.01	25.7	11 1/2	100	45.4	25
1 1/4	35	8	203	1.01	25.7	11 1/2	136	61.7	25
1 1/4	35	10	254	1.01	25.7	11 1/2	176	79.8	40
1 1/4	35	12	305	1.01	25.7	11 1/2	216	98.0	30
1 1/2	41	(Close) 1 3/4	44	1.03	26.2	11 1/2	28	12.7	25
1 1/2	41	2	51	1.03	26.2	11 1/2	34	15.4	25
1 1/2	41	2 1/2	64	1.03	26.2	11 1/2	44	20.0	25
1 1/2	41	3	76	1.03	26.2	11 1/2	56	25.4	25
1 1/2	41	3 1/2	89	1.03	26.2	11 1/2	68	30.8	25
1 1/2	41	4	102	1.03	26.2	11 1/2	80	36.3	25
1 1/2	41	5	127	1.03	26.2	11 1/2	103	46.7	25
1 1/2	41	6	152	1.03	26.2	11 1/2	122	55.3	50
1 1/2	41	8	203	1.03	26.2	11 1/2	170	77.1	40
1 1/2	41	10	254	1.03	26.2	11 1/2	216	98.0	30
1 1/2	41	12	305	1.03	26.2	11 1/2	260	117.9	20
2	53	(Close) 2	51	1.06	26.9	11 1/2	44	20.0	25
2	53	2 1/2	64	1.06	26.9	11 1/2	59	26.8	25
2	53	3	76	1.06	26.9	11 1/2	72	32.7	25
2	53	3 1/2	89	1.06	26.9	11 1/2	88	39.9	40
2	53	4	102	1.06	26.9	11 1/2	103	46.7	40
2	53	5	127	1.06	26.9	11 1/2	132	59.9	40
2	53	6	152	1.06	26.9	11 1/2	160	72.6	30
2	53	8	203	1.06	26.9	11 1/2	220	99.8	20
2	53	10	254	1.06	26.9	11 1/2	285	129.3	20
2	53	12	305	1.06	26.9	11 1/2	335	152.0	15

[1]Mimimum requirement as per UL Standard
A tolerance of minus one thread applies to Total length of Thread

Chart continued on the next page

NOTE: Special orders are non-cancelable, non-returnable and non-refundable

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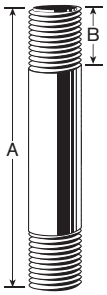
Galvanized Rigid Conduit (GRC) Nipples

Galvanized Rigid Conduit (GRC) Nipples (continued)

Listed to UL Safety Standard 6
Manufactured in accordance with ANSI C80.1



Trade Size	Metric Designator	Length (A)		Total Thread Length (B)[1]		Threads Per Inch [1]	Approximate Weight Per 100 Pieces		Standard Package
		in	mm	in	mm		lb	kg	
2 1/2	63	(Close) 2 3/4	70	1.57	39.9	8	84	38.1	1
2 1/2	63	3	76	1.57	39.9	8	100	45.4	1
2 1/2	63	3 1/2	89	1.57	39.9	8	120	54.4	1
2 1/2	63	4	102	1.57	39.9	8	150	68.0	1
2 1/2	63	5	127	1.57	39.9	8	197	89.4	1
2 1/2	63	6	152	1.57	39.9	8	240	108.9	1
2 1/2	63	8	203	1.57	39.9	8	329	149.2	1
2 1/2	63	10	254	1.57	39.9	8	422	191.4	1
2 1/2	63	12	305	1.57	39.9	8	505	229.1	1
3	78	(Close) 2 5/8	67	1.63	41.4	8	118	53.5	1
3	78	3	76	1.63	41.4	8	130	59.0	1
3	78	3 1/2	89	1.63	41.4	8	157	71.2	1
3	78	4	102	1.63	41.4	8	200	90.7	1
3	78	5	127	1.63	41.4	8	260	117.9	1
3	78	6	152	1.63	41.4	8	300	136.1	1
3	78	8	203	1.63	41.4	8	411	186.4	1
3	78	10	254	1.63	41.4	8	528	239.5	1
3	78	12	305	1.63	41.4	8	630	285.8	1
3 1/2	91	(Close) 2 3/4	70	1.68	42.7	8	160	72.6	1
3 1/2	91	4	102	1.68	42.7	8	240	108.9	1
3 1/2	91	5	127	1.68	42.7	8	320	145.2	1
3 1/2	91	6	152	1.68	42.7	8	373	169.2	1
3 1/2	91	8	203	1.68	42.7	8	510	231.3	1
3 1/2	91	10	254	1.68	42.7	8	655	297.1	1
3 1/2	91	12	305	1.68	42.7	8	785	356.1	1
4	103	(Close) 2 7/8	73	1.73	43.9	8	180	81.6	1
4	103	4	102	1.73	43.9	8	285	129.3	1
4	103	5	127	1.73	43.9	8	380	172.4	1
4	103	6	152	1.73	43.9	8	440	199.6	1
4	103	8	203	1.73	43.9	8	600	272.2	1
4	103	10	254	1.73	43.9	8	775	351.5	1
4	103	12	305	1.73	43.9	8	925	419.6	1
5	129	(Close) 3	76	1.84	46.7	8	240	108.9	1
5	129	5	127	1.84	46.7	8	480	217.7	1
5	129	6	152	1.84	46.7	8	600	272.2	1
5	129	8	203	1.84	46.7	8	825	374.2	1
5	129	10	254	1.84	46.7	8	1055	478.5	1
5	129	12	305	1.84	46.7	8	1260	571.5	1
6	155	(Close) 3 1/8	79	1.95	49.5	8	350	158.8	1
6	155	5	127	1.95	49.5	8	660	299.4	1
6	155	6	152	1.95	49.5	8	820	372.0	1
6	155	8	203	1.95	49.5	8	1125	510.3	1
6	155	10	254	1.95	49.5	8	1440	653.2	1
6	155	12	305	1.95	49.5	8	1720	780.2	1

[1]Mimimum requirement as per UL Standard
A tolerance of minus one thread applies to Total length of Thread

NOTE: Special orders are non-cancelable, non-returnable and non-refundable

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WM TAO & ASSOCIATES
CONSULTING ENGINEERS

Shop Drawing Submittal Review

Transmitted To: Cannon Design

Date: June 29, 2016

Attention: **stl-cac@cannondesign.com**

Contact Person / WTA Field Inspector: Patrick Garner

Project Name: Webster University-**ISB**

Reviewed by: Bill Shaw

Project No. WT 14127.01

☐ UPS ☐ Courier ☒ **Email**

Copies	No.	Description
1 PDF	261300E03	(Submittal No. 261300-003) – Raceways & Boxes

Remarks:

c: **Kelvin Patel**
Kpatel@cannondesign.com

☒ **Furnish as Submitted** ☐ Furnish as Noted

☐ Rejected ☐ Revise & Resubmit

☐ Reviewed ☐

Corrections or comments made on shop drawings during this review do not relieve contractor from compliance with requirements of drawings and specifications. This check is only for review of general conformance with the design concept of project and general compliance with information given in contract documents. Contractor is responsible for: confirming and correlating all quantities and dimensions; selecting fabrication processes and techniques of construction; coordinating his work with that of all other trades; and performing his work in a safe and satisfactory manner.

WTASHOP - Webster ISB - 26 1300-003

From: STL-CAC <STL-CAC@CANNONDESIGN.COM>
To: 'Patrick Garner' <pgarner@wmtao.com>, WTASHOP <wtashop@wmtao.com>
Date: 6/20/2016 5:06 PM
Subject: Webster ISB - 26 1300-003
Cc: "Patel, Kelvin" <kpatel@CANNONDESIGN.COM>, "Grossman, Lynn" <lgrossman@C...
Attachments: 261300-003 Raceways and Boxes.pdf

Attached for review.

Melissa Pirtle
Construction Admin
CANNONDESIGN
1100 Clark Ave
St. Louis, Missouri 63102
T 314.425.8797 • M
cannondesign.com

CANNONDESIGN

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB
PROJECT NAME

8274 BIG BEND BLVD
ADDRESS

NUMBER

WEBSTER UNIVERSITY
OWNER

CANNON DESIGN
ARCHITECT / ENGINEER

Joe Voypick
SUBMITTED BY

261300-003
CONTRACTOR / CM SUBMITTAL NO.

CANNON DESIGN SUBMITTAL NO.

DRAWING / DETAIL REFERENCE

261300
SPECIFICATION SECTION / PARAGRAPH

Guarantee Electrical
MANUFACTURER / SUPPLIER

ITEM / PRODUCT ID

REQUIRED DATE

PRIORITY

◯ CRITICAL

ITEM BEING SUBMITTED (check only one)

- ◉ Shop Drawings
- ◯ Samples (_____ copies)
- ◯ LEED Submittal
- ◯ Certification / Qualifications
- ◯ Record Documents
- ◯ Product Data
- ◯ Coordination Drawing
- ◯ Calculations
- ◯ Schedules
- ◯ O&M Manuals
- ◯ Other _____

ITEM BEING SUBMITTED FOR (check only one)

◉ Action ◯ Information Only ◯ Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION
(SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)

PARIC

PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

By:
Devin D. Gates

Joe Voypick
REVIEWED BY

6/20/16
DATE

To be completed by Reviewer

26 1300-003
CANNON DESIGN SUBMITTAL NUMBER

6/21/16
RECEIVED DATE

- ◯ A. No Exceptions Taken
  No further review of submittal is required.
- ◯ B. Make Corrections Noted
  Incorporate corrections in work; resubmission is not required.
- ◯ C. Revise and Resubmit
  Revise as noted, and resubmit for review.
- ◯ D. Rejected
  Submittal is not in compliance with Contract Documents; provide new submittal.
- ◯ E. For Record / Information Only
  Submittal was reviewed for Record / Information purposes only.
- ◯ F. Not Required for Review
  Submittal is not required by Contract Documents and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS ◯ See attached sheet(s) for additional comments

REVIEWED BY

DATE

77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0097

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 06/20/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

RE: Raceways and Boxes

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
☐ Shop Drawings	☑ Approval	☐ Approved as Submitted
☐ Letter	☐ Your Use	☐ Approved as Noted
☐ Prints	☐ As Requested	☐ Returned After Loan
☐ Change Order	☐ Review and Comment	☐ Resubmit
☐ Plans		☐ Submit
☐ Samples	**SENT VIA:**	☐ Returned
☐ Specifications	☐ Attached	☐ Returned for Corrections
☑ Other: Product Data	☐ Separate Cover Via:	☐ Due Date:

Item	*Package*	*Code*	*Rev.*	*Copies*	*Date*	*Description*	*Status*
Submittal		261300-003	1		06/20/2016	Raceways and Boxes	Submitted

NOTES:

CC: Paric Corporation, Kathy Bathe

Project Coordinator: Paric Corporation, Kathy Bathe

Signed: _____
Devin Gates

GUARANTEE
ELECTRICAL CONSTRUCTION

3415 Bent Avenue
St. Louis, MO 63116
Phone: (314) 772-5400
Fax: (314) 772-2526

Transmittal

To Paric Corporation

Date 6/16/16

Job Number 11317

Job Name Webster Univ. ISB Building

Attention Devin Gates

Transmittal Number 11317-003

We are sending you:

- X Attached
- ___ Under separate cover, the following:
- ___ Preliminary Drawings
- ___ Samples
- ___ Construction Drawings
- ___ Copy of Letter
- ___ Specifications
- ___ Other

Quantity	Drawing #	Date/Revision	Description
1			Submittal for Raceways & Boxes - Spec
			Section 26 13 00

These are transmitted as checked:

- X For Your Review & Comment
- X For Approval
- ___ For Your File
- ___ As Requested
- ___ Approved As Noted
- ___ Returned For Corrections
- ___ Approved As Submitted
- ___

Copy: Transmittal Enclosure

___ ___

___ ___

___ ___

Rick Branstetter

Signed: Rick Branstetter, Project Manager