

# Galvanized Rigid Conduit (GRC) & Super 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 ½" (16) - 6" (155)

## Quality, Long Lasting Heavy Duty Steel Conduit



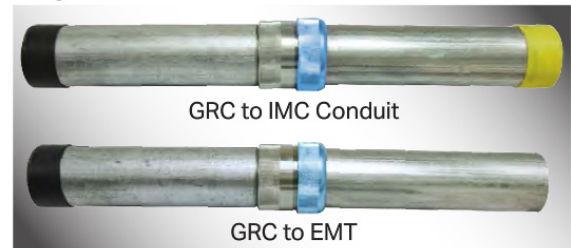
## Super Kwik-Couple™ GRC Conduit (SKC) Raintight

- Similar benefits of GRC conduit
- High grade durable and ductile steel for long life
- Corrosion resistant exterior and interior finishes
- Super Kwik-Couple™ GRC is listed to UL safety standards 6 & 514B and manufactured in accordance with ANSI C80.1.
- Eliminates field threading - Factory installed patented Super Kwik-Couple™ connects to both threaded and unthreaded material
- Connect GRC to GRC, IMC, or EMT
- Reduces Material Cost - no separate couplings to purchase, store, carry, or install
- Reduces labor cost - quick and easy installations
- Compact design allows for easier installation in tight spaces
- Super Kwik-Couple™ coupling can be easily removed from the conduit and reinstalled in seconds using standard tongue and groove pliers or a strap wrench
- Listed for wet locations
- Permitted for use in Class 1 Division 2 locations per Section 501-10(B)(1) of the NEC®
- Available in sizes ½" - 5"

## Quality, Long Lasting Heavy Duty Steel Conduit



## For Faster Installations Use the Super Kwik-Couple™ GRC Connection



\* U.S. Patent Number: 8,586,881

**\*\* Super Kwik-Couple™ GRC is not approved for Class 1 Division 1 locations**

## Galvanized Rigid Conduit (GRC)

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



Trade Size	Metric Designator	Outside Diameter <sup>1</sup>		Nominal Wall Thickness <sup>2</sup>		Approximate Weight Per 100 (ft) (30.5M)		Master Bundle Quantity	
		(in)	(mm)	(in)	(mm)	(lb)	(kg)	(ft)	(m)
½	16	0.840	21.34	0.104	2.64	82	37.2	2500	762.5
¾	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
1¼	35	1.660	42.16	0.133	3.38	218	98.9	900	274.5
1½	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
2½	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
3½	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	1400	634.5	150	45.8
6	155	6.625	168.28	0.266	6.76	1840	833.9	100	30.5

<sup>1</sup>Tolerances: Trade Size ½" to 1½" ±0.015" (0.38mm); Trade Size 2"-6": ±1% Length equals 10 (ft) (3.05m) with a tolerance of +/- .25 (in) (6.35mm)

<sup>2</sup>For information only. Not a requirement of the UL standard. \* NEMA RN-3 Standard

**EC&M**  
**Product of the Year**  
 2019 Category Winner

NOTE: Special orders are non-cancelable, non-returnable and non-refundable.  
**800.882.5543**



GRC - Galvanized Rigid Conduit

Allied Tube & Conduit® Catalog

# Galvanized Rigid Conduit (GRC) & Super Kwik-Couple™ GRC

## FEATURES & SPECIFICATIONS

### Full Electrical System Protection

Allied Tube & Conduit® Super Kwik-Couple™ GRC conduit is manufactured from mild steel and is highly resistant to damage from impact yet ductile to facilitate bending.

Color-coded end cap thread protectors keep the threads clean, sharp and also provide instant trade size recognition. Even sizes are color-coded blue, ½" sizes black, and ¼" sizes red.

### Coatings

Conduit: Hot-dip galvanized inside and out providing galvanic corrosion protection. In addition, top coated 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.

Coupling: Electro-galvanized inside and out to provide galvanic corrosion protection.

### EMI Shielding

Allied Tube & Conduit® GRC Conduit is 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.

### Codes & Standards Compliance

Allied Tube & Conduit® Super Kwik-Couple™ GRC Conduit is precision manufactured for dependable, long-lasting value and ultimate protection for electrical conductors. Covered by Article 344 of the National Electrical Code® (NEC)®, GRC conduit is highly resistant to damage from impact. GRC conduit is recognized as an equipment

grounding conductor in Section 250.118 of the NEC®. Super Kwik-Couple™ Rigid is listed to UL Safety Standard 6 and UL 514-B. Super Kwik-Couple™ Rigid is listed for wet location applications.

Super Kwik-Couple™ GRC does not contain a wet locations listing. It is also manufactured to ANSI C80.1, both of which have been adopted as Federal Specifications in lieu of WW-C 581. Installation of Rigid Metal Conduit shall be in accordance with the National Electrical Code® (NEC)® and UL General Information card #DYIX. Master bundles conform to NEMA standard RN2.

### Specification Data

To specify, Super Kwik-Couple™ GRC Conduit include the following: GRC Conduit shall be hot-dip galvanized and manufactured by Allied Tube & Conduit®. Threads shall be hot galvanized after cutting. GRC 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.

Super Kwik-Couple™ GRC conduit shall be listed to UL 6 and UL 514B and 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.

**Super Kwik-Couple™ GRC Available**  
Trade Size ½" to 4"

### Super Kwik-Couple™ (GRC) Raintight

Safety Standard UL 6 and UL 514B

Manufactured in accordance with ANSI C80.1



Trade Size		Average Outside Diameter <sup>1</sup>		Average Wall Thickness <sup>2</sup>		Approximate Weight Per 100 (ft) (30.5M)		Bundle Quantity	
(in)	(mm)	(in)	(mm)	(in)	(mm)	(lb)	(kg)	(ft)	(m)
½	16	0.840	21.34	0.104	2.64	83	37.6	1600	487.8
¾	21	1.050	26.67	0.107	2.72	110	49.9	1260	384.1
1	27	1.315	33.40	0.126	3.20	162	73.5	840	256.1
1¼	35	1.660	42.16	0.133	3.38	220	99.8	700	213.4
1½	41	1.900	48.26	0.138	3.51	265	120.2	600	182.9
2	53	2.375	60.33	0.146	3.71	351	159.2	450	137.2
2½	63	2.875	73.03	0.193	4.90	559	253.6	400	122.0
3	78	3.500	88.90	0.205	5.21	726	329.3	300	91.5
3½	91	4.000	101.60	0.215	5.46	872	395.5	250	76.3
4	103	4.500	114.30	0.225	5.72	1036	469.9	200	61.0
5	129	5.563	141.30	0.245	6.22	1414	641.4	150	45.7

<sup>1</sup>Tolerances: Trade Size ½" to 1½" ±0.015" (0.38mm); Trade Size 2-6: ±1%  
<sup>2</sup>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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