

Intermediate Metal Conduit (IMC) & Super Kwik-Couple™ IMC



NEC® recognizes Allied Tube & Conduit® IMC for same uses as RIGID

IMC Conduit

- Light-weight ductile steel conduit for long life and easy bending
- Weighs 1/3 less than rigid conduit
- Saves up to 30% in cost over GRC
- Hot galvanized exterior to increase corrosion resistance and protect against white rust
- Interior coating creates a smooth, continuous raceway for fast wire-pulling
- Listed to UL Safety Standard 1242 and manufactured in accordance with ANSI C80.6
- True Color™ IMC special orders available
- Available in trade sizes 1/2" (16) thru 4" (103)

Super Kwik-Couple™ IMC Conduit Raintight

- Similar benefits of IMC conduit
- High grade durable and ductile steel for long life
- Corrosion resistant exterior and interior finishes
- Super Kwik-Couple™ IMC is listed to UL safety standards 1242 & 514B and manufactured in accordance with ANSI C80.6.
- Eliminates field threading - factory installed patented Super Kwik-Couple™ connects to both threaded and unthreaded material
- Connect IMC to IMC, GRC, 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 1/2" thru 4"

Super Kwik-Couple™ IMC is not approved for Class 1 Division 1 locations

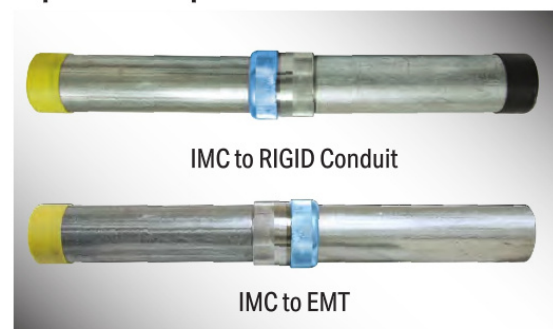
Kwik-Release End Cap No Tools Needed!



Quality, Long Lasting Heavy Duty Steel Conduit



For Faster Installations Use the Super Kwik-Couple™ IMC Connection



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

EC&M
Product of the Year
 2019 Category Winner

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

Intermediate Metal Conduit (IMC) & Super Kwik-Couple™ IMC

Features & Specifications

Allied Tube & Conduit® patented Super Kwik-Couple™ IMC conduit reduces threaded conduit installation time and cost. Super Kwik-Couple™ has an integrated coupling on the conduit exactly where you need it. Allied Tube & Conduit® Super Kwik-Couple™ Intermediate Metal Conduit (IMC) is precision manufactured for economical protection and long lasting value for the electrical raceway system. Super Kwik-Couple™ conduit is manufactured from premium, work hardened steel partnering electrical and mechanical performance with ductility. Super Kwik-Couple™ IMC is resistant to impact and is easy to cut, bend and join for smooth, continuous raceways. Allied Tube & Conduit® Super Kwik-Couple™ IMC is as strong, lighter in weight, and less expensive than rigid. In fact, it can save you as much as 30% in overall costs. IMC, covered by Article 342 in the National Electrical Code® (NEC)®, is recognized as an equipment grounding conductor in Article 250 of the NEC® and also provides excellent shielding from electromagnetic fields.

The Allied Tube & Conduit® Advantage™

Allied Tube & Conduit® Super Kwik-Couple™ IMC has a larger internal diameter than rigid conduit allowing for easier fishing and wire-pulling. Super Kwik-Couple™ IMC is also more "rigid" than RIGID to provide exceptional wiring protection in many applications.

Allied Tube & Conduit® IMC uses the same threaded couplings and fittings as RIGID conduit, and the 3/4" NPT threads (ANSI B1.20.1) are also full cut and galvanized after cutting. Color-coded end-cap thread protectors keep the threads clean and sharp, and also help to provide instant trade size recognition. Even sizes are color-coded orange, 1/2 trade sizes are yellow, and 1/4 trade sizes are green.

Coatings

Allied Tube & Conduit® IMC is hot galvanized using Allied's patented inline Flo-Coat® process. This process combines zinc, a conversion coating, and a clear organic polymer topcoat to form a triple layer of protection against corrosion and abrasion. The interior of Allied Tube & Conduit® IMC is coated with a highly corrosion-resistant lubricating finish for easier wire-pulling. No need to worry about damage to the conduit system, even when pulling through multiple 90° bends.

EMI Shielding

Super Kwik-Couple™ IMC is effective in reducing the effects of electromagnetic fields on encased power distribution circuits, shielding computers and other sensitive electronic equipment from the effects of electromagnetic interference.

Codes & Standards Compliance

IMC is covered by Article 342 of the National Electrical Code® (NEC)®. Allied Tube & Conduit® IMC is listed to Underwriters Laboratories Safety Standard UL 1242 and is manufactured in accordance with ANSI C80.6. These standards have been adopted as Federal Specifications in lieu of WWC-581-Type 2. IMC is recognized as an equipment grounding conductor by NEC® Section 250-118.

Super Kwik-Couple™ IMC is listed to UL Safety Standard 1242 and UL 514-B. Super Kwik-Couple™ IMC.

Super Kwik-Couple™ IMC does not contain a wet locations listing.

Installation of Super Kwik-Couple™ IMC conduit and elbows shall be in accordance with the National Electrical Code® (NEC)® and the UL listing information. Allied Tube & Conduit® IMC is listed in UL category DYBY. Master bundles conform to NEMA standard RN2.

Specification Data

To specify, Super Kwik-Couple™ IMC include the following: Intermediate Metal Conduit (IMC) conduit and elbows shall be equal to that manufactured by Allied Tube & Conduit®. IMC shall be hot galvanized steel O.D. with an organic corrosion resistant I.D. coating and shall be listed to UL Safety Standard 1242 and manufactured in accordance with ANSI C80.6. It shall be listed by a nationally recognized testing laboratory with follow-up service. Threads shall be hot galvanized after cutting.



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™ IMC Available

Trade Size 1/2" to 4"

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



Intermediate Metal Conduit (IMC) & Super Kwik-Couple™ IMC

NEC® recognizes Allied Tube & Conduit® IMC for same uses as RIGID

IMC (Intermediate Metal Conduit) Weights and Dimensions

Listed to Underwriters Laboratories Safety Standard UL 1242 and UL 514B
 Manufactured in accordance with ANSI C80.6



Trade Size	Metric Designator	Average Outside Diameter ¹		Average Wall Thickness ²		Approximate Weight Per 100 (ft) (30.5M)		Master Bundle Quantity	
		(in)	(mm)	(in)	(mm)	(lb)	(kg)	(ft)	(m)
½	16	0.815	20.70	0.070	1.79	62	28.1	3500	1067.5
¾	21	1.029	26.13	0.075	1.90	84	38.1	2500	762.5
1	27	1.290	32.76	0.085	2.16	119	54.0	1700	518.5
1¼	35	1.638	41.60	0.085	2.16	158	71.7	1350	411.8
1½	41	1.883	47.82	0.090	2.29	194	88.0	1100	335.5
2	53	2.360	59.94	0.095	2.41	256	116.1	800	244.0
2½	63	2.857	72.56	0.140	3.56	441	200.0	370	112.9
3	78	3.476	88.29	0.140	3.56	543	246.3	300	91.5
3½	91	3.971	100.86	0.140	3.56	629	285.3	240	73.2
4	103	4.466	113.43	0.140	3.56	700	317.5	240	73.2

¹Outside diameter tolerances:

- +/- .005 (in) (.13mm) for trade sizes ½" (16mm) through 1" (25mm)
- +/- .0075 (in) (.19mm) for trade sizes 1¼" (36mm) through 2" (53mm)
- +/- 0.10 (in) (.25mm) for trade sizes 2½" (63mm) through 4" (103mm).

²Wall thickness tolerances:

- + 0.15 (in) (.38mm) and - .000 for trade sizes ½" (13mm) through 2" (53mm)
- + 0.20 (in) (.51mm) and - .000 for trade sizes 2½" (63mm) through 4" (103mm).
- NOTE: Length = 10 (ft) (3.05m) with a tolerance of +/- .25 (in) (6.35mm). NEMA Standard

Super Kwik-Couple™ IMC Raintight

Super Kwik-Couple™ IMC shall be listed to Underwriters Laboratories Safety Standard UL 1242 and UL 514B
 Manufactured in accordance with ANSI C80.6



Trade Size		Average Outside Diameter ¹		Average Wall Thickness ²		Approximate Weight Per 100 (ft) (30.5M)		Master Bundle Quantity	
(in)	(mm)	(in)	(mm)	(in)	(mm)	(lb)	(kg)	(ft)	(m)
½	16	0.815	20.70	0.070	1.79	63	28.6	1600	487.8
¾	21	1.029	26.13	0.075	1.90	85	38.6	1260	384.1
1	27	1.290	32.76	0.085	2.16	120	54.4	840	256.1
1¼	35	1.638	41.60	0.085	2.16	160	72.6	700	213.4
1½	41	1.883	47.82	0.090	2.29	196	88.9	600	182.9
2	53	2.360	59.94	0.095	2.41	257	116.6	450	137.2
2½	63	2.857	72.56	0.140	3.56	441	200.0	400	122.0
3	78	3.476	88.29	0.140	3.56	542	245.8	300	91.5
3½	91	3.971	100.86	0.140	3.56	621	281.7	250	76.3
4	103	4.466	113.43	0.140	3.56	706	320.2	200	61.0

¹Outside diameter tolerances:

- +/- .005 (in) (.13mm) for trade sizes ½" (16mm) through 1" (25mm)
- +/- .0075 (in) (.19mm) for trade sizes 1¼" (36mm) through 2" (53mm)
- +/- 0.10 (in) (.25mm) for trade sizes 2½" (63mm) through 4" (103mm)

Also available in dry location

²Wall thickness tolerances:

- + 0.15 (in) (.38mm) and - .000 for trade sizes ½" (13mm) through 2" (53mm)
- + 0.20 (in) (.51mm) and - .000 for trade sizes 2½" (63mm) through 4" (103mm)
- NOTE: Length = 10 (ft) (3.05m) with a tolerance of +/- .25 (in) (6.35mm)

IMC - Intermediate Metallic Tubing

Allied Tube & Conduit® Catalog

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