



Electrical Metallic Tubing (EMT) & TrueColor™ EMT

EMT - Electrical Metallic Tubing

E-Z Pull® EMT

- Hot galvanized steel using patented inline Flo-Coat® process for long lasting exterior protection
- E-Z Pull® interior coating provides a smooth raceway for fast, easier wire-pulling
- Excellent mechanical protection for conductors
- Ductility for faster and easier bending
- Optimal EMI shielding characteristics
- Listed to Underwriters Laboratories Safety Standard UL 797
- Manufactured in accordance with ANSI C80.3
- Available in sizes ½" (16) - 4" (103)

Quality Electrical Metallic Tubing



TrueColor™ EMT

- All the benefits of E-Z Pull® EMT
- Instant identification of multiple circuits
- Available in 8 colors
- Available in sizes ½" (16) - 1½" (41)
- Sizes 2" - 4" available by special order
- EMT Elbows (Special order)

Identify Important Circuits Instantly!



TrueColor™ Applications

Black EMT

- Blends in dark colored areas

Fire Alarm® EMT

- Emergency circuits
- Fire alarm and security systems

Orange EMT

- Construction/research areas
- Fiber optic systems
- Auto repair/maintenance

Yellow EMT

- High voltage wiring
- Caution areas
- Special equipment

Green EMT

- Hospital and healthcare areas
- Nurse call stations
- Critical circuits

Blue EMT

- Low voltage wiring
- Data com/video
- Network security

Purple EMT

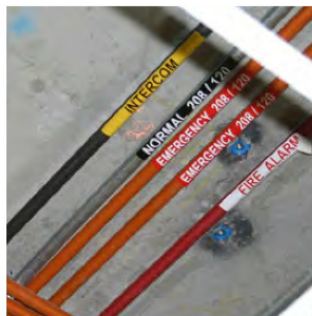
- Specialty wiring systems
- Security systems

White EMT

- Blends in light colored areas

Silver EMT

- Standard Use
- Contemporary architecture



NOTE: Special orders are non-cancelable, non-returnable and non-refundable.
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Allied Tube & Conduit® Catalog

Electrical Metallic Tubing (EMT) & TrueColor™ EMT

FEATURES & SPECIFICATIONS

Manufactured for Long Life

Allied Tube & Conduit® EMT is precision manufactured from high grade mild strip steel for exceptional durability and long-lasting life. Allied Tube & Conduit® EMT is hot galvanized using a 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.

E-Z Pull® EMT combines strength with ductility, providing easy bending, cutting and joining while resisting flattening, kinking and splitting. Available in sizes ½" (16) - 4" (103).

Coatings

Allied Tube & Conduit® EMT (Electrical Metallic Tubing) has a special low friction ID coating called E-Z Pull® that greatly improves the slip properties between conduit and wire. With E-Z Pull® EMT, wire pulls through the EMT smoothly and easily, making installation easier and faster.

EMI Shielding

Allied Tube & Conduit® EMT is very effective in reducing 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® EMT is listed to Underwriters Laboratories Safety Standard UL 797 and is manufactured in accordance with ANSI

C80.3. These standards have been adopted as federal specifications in lieu of WWC 563. EMT is recognized as an equipment grounding conductor by NEC® Section 250-118. Installation of EMT shall be in accordance with the National Electrical Code® (NEC)® and the UL listing information. Allied Tube & Conduit® EMT is listed in category FJMX. Master bundles conform to NEMA Standard RN2.

Specification Data

To specify Allied Tube & Conduit® EMT, include the following: Electrical metallic tubing shall be equal to that manufactured by Allied Tube & Conduit®. EMT shall be hot galvanized steel O.D. with an organic corrosion resistant I.D. coating, and shall be listed to UL Safety Standard 797 and manufactured in accordance with ANSI C80.3.

Electrical Metallic Tubing (EMT) and TrueColor™ EMT

Listed to Underwriters Laboratories Safety Standard UL 797
Manufactured in accordance with ANSI C80.3



Trade Size	Metric Designator	Outside Diameter ¹		Nominal Wall Thickness		Approximate Weight Per 100 (ft) (30.5M)		Red and Galvanized Master Bundle Quantity		TrueColor™ Bundle Quantity	
		(in)	(mm)	(in)	(mm)	(lb)	(kg)	(ft)	(m)	(ft)	(m)
½	16	0.706	17.93	0.042	1.07	30	13.6	7000	2135	3500	1066.8
¾	21	0.922	23.42	0.049	1.24	46	20.9	5000	1525	2500	762.0
1	27	1.163	29.54	0.057	1.45	67	30.4	3000	915	1500*	457.2
1¼	35	1.510	38.35	0.065	1.65	101	45.8	2000	610	2000	609.6
1½	41	1.740	44.20	0.065	1.65	116	52.6	1500	457.5	1500	457.2
2	53	2.197	55.80	0.065	1.65	148	67.1	1200	366.0	1200	365.7
2½	63	2.875	73.03	0.072	1.83	216	98.0	610	186.1	610	185.9
3	78	3.500	88.90	0.072	1.83	263	119.3	510	155.6	510	155.4
3½	91	4.000	101.60	0.083	2.11	349	158.3	370	112.9	370	112.7
4	103	4.500	114.30	0.083	2.11	393	178.3	300	91.5	300	91.5

¹Outside diameter tolerances: +/- .005 (in) (.13mm) for trade sizes ½" (16mm) through 2 (53mm)
+/- .010 (in) (.25mm) for trade sizes 2½" (63mm);
+/- .015 (in) (.38mm) for trade size 3" (78mm);
+/- .020 (in) (.51mm) for trade sizes 3½" (91mm) and 4" (103mm)

*Blue trade size 1 master bundle size: 3000 ft / 915 m
NOTE: Length = 10 (ft) (3.05m) with a tolerance of +/- .25 (in) (6.35 mm)

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





Kwik-Fit® & Kwik-Fit® Compression EMT

Kwik-Fit® EMT

- Integral steel set-screw coupling formed on one end of each length of EMT
- Fast two step installation
- Material and labor savings up to 50%*
- No couplings to purchase, inventory or install
- Hot galvanized steel using patented inline Flo-Coat® process for long lasting exterior protection
- E-Z Pull® interior coating provides a smooth raceway for faster, easier wire pulling
- Excellent mechanical protection for conductors
- Ductility for faster and easier bending
- Optimal EMI shielding characteristics
- Listed to UL Safety Standards 797 and to 514-B.
- Manufactured in accordance with ANSI C80.3
- Available in sizes 1¼" (35) - 4" (103)
- True Color™ available by special order

See our Kwik Challenge Videos at
[youtube.com/AtkoreInternational](https://www.youtube.com/AtkoreInternational)

Kwik-Fit® Compression EMT

- Integral steel compression coupling on one end of each length of EMT
- Fast two step installation
- Material and labor savings of up to 50%*
- No couplings to purchase, inventory, or install
- Couplings seal tight eliminating hours of taping seams
- Hot galvanized steel using patented inline Flo-Coat® process for long lasting exterior protection
- E-Z Pull® interior coating provides a smooth raceway for faster, easier wire pulling
- Excellent mechanical protection for conductors
- Ductility for faster and easier bending
- Optimal EMI shielding characteristics
- Listed to UL Safety Standards 797 and to 514-B
- Manufactured in accordance with ANSI C80.3
- Available in sizes 1¼" (35) - 4" (103)
- True Color™ available by special order

Visit www.kwikcalculator.com to estimate
 your Material and Labor Savings
 by using Kwik-Fit® products

* Installation time will vary with job site conditions.

Faster EMT Installations



Labor & Material Savings EMT



U.S. Patent Number 8,695,218



NOTE: Special orders are non-cancelable, non-returnable and non-refundable.
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Kwik-Fit® & Kwik-Fit® Compression EMT

FEATURES & SPECIFICATIONS

Kwik-Fit® and Kwik-Fit® Compression EMT

Kwik-Fit® and Kwik-Fit® Compression EMT have all the benefits of E-Z Pull® EMT with integrated couplings. These built-in couplings significantly reduce installation time, and eliminate the need to purchase, inventory, and install separate couplings.

With Kwik-Fit® EMT simply insert the plain end of the Kwik-Fit® into the coupling end and tighten the set-screws. Unlike traditional set-screw couplings, only two screws need to be tightened.

On the Kwik-Fit® Compression EMT, simply insert the plain end of the EMT into the compression coupling end and tighten the gland nut. Unlike traditional compression couplings, only one gland nut needs to be tightened.

Kwik-Fit® and Kwik-Fit® Compression EMT can reduce the installation time up to 50%. Installation time will vary with job site conditions.

Coatings

Both Kwik-Fit® EMT and Kwik-Fit® Compression EMT are made from our E-Z Pull® EMT. The all steel combinations result in superior strength, performance and an excellent ground return path along with the benefits of built-in couplings. Allied Tube & Conduit® superior E-Z Pull® interior coating allows easier wire pulling while lowering the coefficient of static friction.

E-Z Pull® EMT is hot galvanized on the exterior with a patented inline Flo-Coat® process providing long-lasting protection. This process combines zinc, a conversion coating, and a clear organic polymer topcoat to form a triple layer of protection against corrosion and abrasion.

Codes & Standards Compliance

Kwik-Fit® EMT and Kwik-Fit® Compression EMT are allowed for PLENUM USE and meet the requirements of section 300.22 of the National Electrical Code® (NEC)®. Kwik-Fit® Compression EMT meets the requirements of sections 18-27- 300.22(b)(1) and 18-27-300.22(c)(1)(a) of the Chicago Electrical Code.

Allied Tube & Conduit® Kwik-Fit® EMT is Listed to UL Safety Standards 797 and to 514-B.

Kwik-Fit® Compression EMT is Listed to UL Safety Standards 797 and 514-B and is UL listed as CONCRETE-TIGHT. Kwik-Fit® Compression EMT also meets ANSI Standard C80.3.



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-Fit® EMT

Listed to Underwriters Laboratories Safety Standard UL 797
Manufactured in accordance with ANSI C80.3



Trade Size	Metric Designator	Outside Diameter ¹		Nominal Wall Thickness		Approximate Weight Per 100 (ft) (30.5M)		Master Bundle Quantity	
		(in)	(mm)	(in)	(mm)	(lb)	(kg)	(ft)	(m)
1¼	35	1.510	38.35	0.065	1.65	101	45.8	840	256.0
1½	41	1.740	44.20	0.065	1.65	116	52.6	720	219.5
2	53	2.197	55.80	0.065	1.65	148	67.1	500	152.4
2½	63	2.875	73.03	0.072	1.83	216	98.0	350	106.7
3	78	3.500	88.90	0.072	1.83	263	119.3	300	91.4
3½	91	4.000	101.60	0.083	2.11	349	158.3	250	76.2
4	103	4.500	114.30	0.083	2.11	393	178.3	250	76.2

Kwik-Fit® Compression EMT

Listed to Underwriters Laboratories Safety Standard UL 797
Manufactured in accordance with ANSI C80.3



Trade Size	Metric Designator	Outside Diameter ¹		Nominal Wall Thickness		Approximate Weight Per 100 (ft) (30.5M)		Master Bundle Quantity	
		(in)	(mm)	(in)	(mm)	(lb)	(kg)	(ft)	(m)
1¼	35	1.510	38.35	0.065	1.65	107	48.5	840	256.0
1½	41	1.740	44.20	0.065	1.65	125	56.7	720	219.5
2	53	2.197	55.80	0.065	1.65	162	73.5	500	152.4
2½	63	2.875	73.03	0.072	1.83	239	108.4	350	106.7
3	78	3.500	88.90	0.072	1.83	291	132.0	300	91.4
3½	91	4.000	101.60	0.083	2.11	383	173.7	250	76.2
4	103	4.500	114.30	0.083	2.11	431	195.5	250	76.2

¹Outside diameter tolerances +/- .005 (in) (.13mm) for size 1¼" (35) through 2" (53)
+/- .010 (in) (.25mm) for size 2½" (63);
+/- .015 (in) (.38mm) for size 3" (78);
+/- .020 (in) (.50mm) for sizes 3½" (91) and 4" (103).

NOTE: Length = 10 (ft) (3.05m) with a tolerance of +/- .25 (in) (6mm)

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