

CATALOG

12,470 VOLTS



CONDUIT, ELBOWS, COUPLINGS AND NIPPLES

Steel (IMC, GRC, EMT) • Aluminum • PVC

Individual Specification Sheets Available at www.alliedeg.com

A PART OF



Allied Tube & Conduit...

a part of Atkore International, is a leading provider of electrical conduit solutions for your infrastructure requirements.

Since 1959, Allied Tube & Conduit has been reshaping the pipe and tube industry. The company began with a small 24,000 square foot facility, an innovative idea to galvanize EMT conduit while still “in line”, one tube mill, and 10 employees. The tubing industry was changed forever and Allied Tube & Conduit was positioned for growth and expansion.

Today, Allied Tube & Conduit is stronger than ever and now is a part of Atkore International. Atkore International has a global manufacturing footprint with service to customers all over the globe. From construction to manufacturing, our products are hard at work in the center of it all. Whether they're part of a building as electrical raceways, sprinkler pipes, structural tubes and perimeter security or being used by an OEM to make their product, just check the schematics. We are there! Beyond that, we strive to be core to each customer's business as well, understanding what they value and need, and providing essential solutions that improve their day-to-day operations.

Allied Tube & Conduit embodies the same entrepreneurial spirit and innovation that shaped the company back in 1959. We are positioned for continued growth, expansion and innovation, which means our best days – and products – are yet to come.

Product Innovation & Excellence

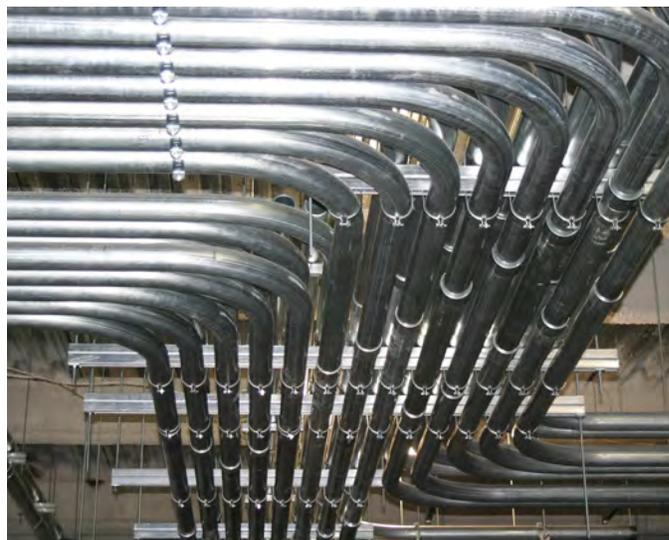
Allied Tube & Conduit is a leading brand for EMT, IMC, and Rigid conduits made of steel, PVC, and Aluminum. We have products and engineered solutions to meet every application challenge and are continually evolving to serve you better.

Allied has the most specified line of EMT, IMC, and GRC conduits, including a complimentary line of products, such as:

- EMT elbows
- GRC elbows, couplings and nipples
- Aluminum rigid conduit, elbows and couplings
- PVC conduit, boxes and fittings

Allied's True Color™ EMT provides instant identification of individual power, datacom, and emergency electrical systems. The eight (8) bright colors eliminate the need to spray, powder coat, or tape in the field so installation is quicker, easier and safer. Allied is the innovator of the E-Z Pull® interior finish for faster wire pulling and a galvanizing process both proven to last.

Allied's Kwik-Fit® EMT has an integral steel setscrew coupling and the Kwik-Fit Compression EMT features built-in steel compression coupling. These innovative built-in couplings significantly reduce installation time up to 50%, and eliminate the need to purchase, store, and install separate couplings.



Allied's Rigid conduit offerings include GRC, Stainless Steel, Aluminum, PVC and IMC. As for IMC, don't let the name fool you. It's true the acronym came from Intermediate Metal Conduit, but the intermediate is specific to the weight and NOT the performance of the conduit. The National Electrical Code recognizes IMC “for the same use as Rigid, including all hazardous location (classified) applications.” When compared with Rigid, Allied's IMC is up to 30% lighter in weight and saves up to 30% on costs. Ask your electrical installer which conduit would he prefer to lift over and over again?

Allied's factory-installed Kwik-Couple® couplings are available on both IMC and GRC conduit and GRC elbows. These patented couplings eliminate the need to buy expensive unions and 3-piece couplings. Simply line up the conduit ends, spin the Kwik-Couple coupling forward onto the next piece, then wrench-tighten. There is no need to spin the heavy conduit or elbows.

Aluminum rigid conduit combines light weight and corrosion resistance to provide a full-line of easy to install, low maintenance conduit whenever specifications call for aluminum. Allied Tube & Conduit offers a broad line of rigid Aluminum conduit, couplings, and elbows in standard 45°, 90° and custom sized radiuses.

Allied's PVC Conduit is proven durable and effective for years of maintenance-free performance in underground, encased and exposed applications. Rigid PVC conduit fittings are available and can be used with all brands of rigid PVC conduit.

Our agents, sales and customer service teams are available to assist with questions on application, installation and availability of our products. Thank you for considering Allied Tube & Conduit for your conduit and fitting requirements.

Table of Contents

EMT • Electrical Metallic Tubing	
	E-Z Pull® EMT 4-5
	True Color™ EMT 4-5
	EMT Elbows 6-8
	Kwik-Fit® EMT 9-10
	Kwik-Fit® Compression EMT 9-10
IMC • Intermediate Metallic Tubing	
	IMC Conduit 11-12
	Kwik-Couple® IMC Conduit 11-12
GRC • Galvanized Rigid Conduit	
	GRC Rigid Steel Conduit 13-14
	Kwik-Couple® GRC Rigid Conduit 13-14
	GRC Couplings, Elbows & Nipples 15-20
ARC • Aluminum Rigid Conduit	
	Aluminum Rigid Conduit 21
	Aluminum Couplings 22
	Aluminum Elbows 22
PVC Conduit & Fittings	
	PVC Rigid Conduit Sch40 & Sch80 23-24
	PVC Conduit Utility Duct DB60 & DB120 25
	PVC Conduit Utility Duct EB20 & EB35 25
	PVC Elbows 26-30
	Plastic Duct Spacers 31
	PVC Couplings, Adapters, Strap & Meter Accessories 32-33
	PVC Fittings, Plates, Cover Boxes & Misc 34-41
	Warranty 42



For your 24/7 online resource, visit our website at www.alliedeg.com

- Downloadable Literature
- How To Videos
- Atkore News Briefs

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



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

Electrical Metallic Tubing (EMT) and True Color™ EMT

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 1/2 (16) - 4 (103)

True Color™ EMT

- All the benefits of E-Z Pull EMT
- Instant identification of multiple circuits
- Fire Alarm® Red EMT
- Healthcare Green EMT
- Data Com Blue EMT
- Available in 8 colors
- Available in sizes 1/2 (16) - 4 (103)

Quality Electrical Metallic Tubing



Identify Important Circuits Instantly!



True Color™ 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



Electrical Metallic Tubing (EMT) and True Color™ 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 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 1/2 (16) - 4 (103).

Coatings

Allied's 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 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.

For more information on EMT shielding, visit www.alliedeg.com to obtain the **GEMI (Grounding and Electro-Magnetic Interference)** software analysis program.

Electrical Metallic Tubing (EMT) and True Color™ EMT

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



Codes & Standards Compliance

Allied EMT is listed to Underwriters Laboratories Safety Standard UL 797 and meets 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. Documentation for compliance with NEC Article 250 is also available in the **GEMI (Grounding and Electro-Magnetic Interference)** analysis software and related research studies found at the www.alliedeg.com website.

Installation of EMT shall be in accordance with the National Electrical Code and the UL listing information. Allied EMT is listed in category FJMX. Master bundles conform to NEMA Standard RN2.

Specification Data

To specify Allied EMT, include the following: Electrical Metallic Tubing shall be equal to that manufactured by Allied Tube & Conduit Corporation. 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.

Trade Size	Metric Designator	Outside Diameter ¹		Nominal Wall Thickness ²		Approximate Weight Per 100 Ft. (30.5M)		Red and Galvanized Master Bundle Quantity		True Color** Bundle Qty.	
		in	mm	in	mm	lb	kg	ft	m	ft	m
1/2	16	0.706	17.93	0.042	1.07	30	13.6	7000	2135	3500	1066.8
3/4	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
1-1/4	35	1.510	38.35	0.065	1.65	101	45.8	2000	610	2000	609.6
1-1/2	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
2-1/2	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
3-1/2	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 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).

*Blue trade size 1 master bundle size: 3000 ft / 915 m

** Other Color Trade Sizes 2 - 4 are available thru special order

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.

www.alliedeg.com

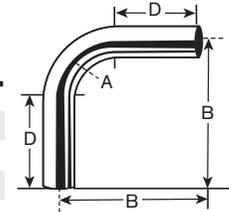
Electrical Metallic Tubing (EMT) Elbows

EMT 90° Elbows

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



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	25	11.3	25
3/4	21	4 1/2	114	7	178	1 1/2	38	46	20.9	50
1	27	5 3/4	146	8 3/4	222	1 7/8	48	84	38.1	25
1 1/4	35	7 1/4	184	10 1/8	257	2	51	144	65.3	20
1 1/2	41	8 1/4	210	11 3/4	298	2	51	193	87.5	15
2	53	9 1/2	241	14	356	2	51	296	134.3	10
2 1/2	63	10 1/2	267	16 1/4	413	3	76	504	228.6	1
3	78	13	330	18 3/4	476	3 1/8	79	701	318.0	1
3 1/2	91	15	381	21 1/4	540	3 1/4	83	1047	474.9	1
4	103	16	406	23 3/8	594	3 3/8	86	1310	594.2	1



¹Minimum requirement as per UL Standard

²Dimensions and weights are approximate

Sizes 2-1/2 (63) and larger shipped in palletized cartons or bulk.

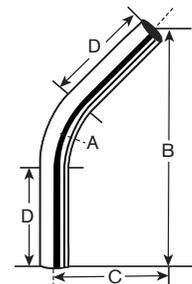
Also available in the following Degrees (60°, 45°, 30°, 22-1/2°, 15° & 11-1/4°)

EMT 45° Elbows

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



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	6 1/8	156	2 1/2	64	1 1/2	38	18	8.2	25
3/4	21	4 1/2	114	7 3/8	187	3 1/8	79	1 1/2	38	33	15.0	50
1	27	5 3/4	146	8 3/4	222	3 5/8	92	1 7/8	48	56	25.4	25
1 1/4	35	7 1/4	184	10 1/8	257	4 1/8	105	2	51	97	44.0	20
1 1/2	41	8 1/4	210	13 1/8	333	5 3/8	137	2	51	145	65.8	15
2	53	9 1/2	241	13 1/8	333	5 1/2	140	2	51	185	83.9	10
2 1/2	63	10 1/2	267	17 1/2	445	7 1/4	184	3	76	360	163.3	1
3	78	13	330	17 1/2	445	7 1/4	184	3 1/8	79	438	198.7	1
3 1/2	91	15	381	26 1/8	664	10 7/8	276	3 1/4	83	873	396.0	1
4	103	16	406	26 1/4	667	10 7/8	276	3 3/8	86	983	445.9	1



¹Minimum requirement as per UL Standard

²Dimensions and weights are approximate

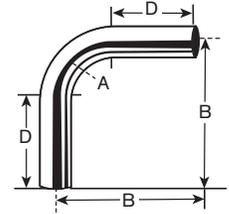
Sizes 2-1/2 (63) and larger shipped in palletized cartons or bulk.

Also available in the following Degrees (90°, 60°, 30°, 22-1/2°, 15° & 11-1/4°)

Electrical Metallic Tubing (EMT) Elbows

EMT Large Radius 90° Elbows

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



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	201	91.2
1	27	15	381	24 1/4	616	9 1/4	235	235	106.6
1	27	18	457	27 7/8	708	9 7/8	251	268	121.6
1	27	24	610	34 5/8	879	10 5/8	270	329	149.2
1	27	30	762	41	1041	11	279	385	174.6
1	27	36	914	46 3/4	1187	10 3/4	273	436	197.8
1	27	42	1067	54	1372	12	305	503	228.2
1	27	48	1219	60 1/4	1530	12 1/4	311	558	253.1
1 1/4	35	12	305	20 5/8	524	8 5/8	219	303	137.4
1 1/4	35	15	381	24 1/4	616	9 1/4	235	354	160.6
1 1/4	35	18	457	27 7/8	708	9 7/8	251	404	183.3
1 1/4	35	24	610	34 5/8	879	10 5/8	270	497	225.4
1 1/4	35	30	762	41	1041	11	279	581	263.5
1 1/4	35	36	914	46 3/4	1187	10 3/4	273	657	298.0
1 1/4	35	42	1067	54	1372	12	305	758	343.8
1 1/4	35	48	1219	60 1/4	1530	12 1/4	311	842	381.9
1 1/2	41	15	381	24 1/4	616	9 1/4	235	406	184.2
1 1/2	41	18	457	27 7/8	708	9 7/8	251	464	210.5
1 1/2	41	24	610	34 5/8	879	10 5/8	270	570	258.6
1 1/2	41	30	762	41	1041	11	279	667	302.6
1 1/2	41	36	914	46 3/4	1187	10 3/4	273	754	342.0
1 1/2	41	42	1067	54	1372	12	305	870	394.6
1 1/2	41	48	1219	60 1/4	1530	12 1/4	311	967	438.6
2	53	15	381	24 1/4	616	9 1/4	235	518	235.0
2	53	18	457	27 7/8	708	9 7/8	251	592	268.5
2	53	24	610	34 5/8	879	10 5/8	270	728	330.2
2	53	30	762	41	1041	11	279	851	386.0
2	53	36	914	46 3/4	1187	10 3/4	273	962	436.4
2	53	42	1067	54	1372	12	305	1110	503.5
2	53	48	1219	60 1/4	1530	12 1/4	311	1233	559.3
2 1/2	63	18	457	27 7/8	708	9 7/8	251	864	391.9
2 1/2	63	24	610	34 5/8	879	10 5/8	270	1062	481.7
2 1/2	63	30	762	41	1041	11	279	1242	563.4
2 1/2	63	36	914	46 3/4	1187	10 3/4	273	1404	636.9
2 1/2	63	42	1067	54	1372	12	305	1620	734.8
2 1/2	63	48	1219	60 1/4	1530	12 1/4	311	1800	816.5

²For 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°)

Chart continued on the next page

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

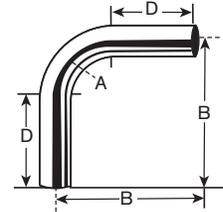
Electrical Metallic Tubing (EMT) Elbows

EMT Large Radius 90° Elbows (continued)

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



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
3	78	15	381	24 1/4	616	9 1/4	235	921	417.8
3	78	18	457	27 7/8	708	9 7/8	251	1052	477.2
3	78	24	610	34 5/8	879	10 5/8	270	1293	586.5
3	78	30	762	41	1041	11	279	1512	685.8
3	78	36	914	46 3/4	1187	10 3/4	273	1710	775.7
3	78	42	1067	54	1372	12	305	1973	895.0
3	78	48	1219	60 1/4	1530	12 1/4	311	2192	994.3
3 1/2	91	18	457	27 7/8	708	9 7/8	251	1396	633.2
3 1/2	91	24	610	34 5/8	879	10 5/8	270	1716	778.4
3 1/2	91	30	762	41	1041	11	279	2007	910.4
3 1/2	91	36	914	46 3/4	1187	10 3/4	273	2269	1029.2
3 1/2	91	42	1067	54	1372	12	305	2618	1187.5
3 1/2	91	48	1219	60 1/4	1530	12 1/4	311	2908	1319.1
4	103	24	610	34 5/8	879	10 5/8	270	1932	876.4
4	103	30	762	41	1041	11	279	2260	1025.1
4	103	36	914	46 3/4	1187	10 3/4	273	2555	1158.9
4	103	42	1067	54	1372	12	305	2948	1337.2
4	103	48	1219	60 1/4	1530	12 1/4	311	3275	1485.5



²For 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-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 1 1/4 (35) - 4 (103)

Kwik Challenge “We Dare You” Video



See our other videos at

<http://www.youtube.com/user/AtkoreInternational/videos>

Kwik-Fit Compression EMT

- Integral 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 1 1/4 (35) - 4 (103)

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

* Installation time will vary with job site conditions.

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

www.alliedeg.com

Faster EMT Installations



Labor & Material Savings EMT



Patent Pending



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's

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's 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 that these UL and ANSI standards have been adopted by the federal government and separate military specifications no longer exist.



Kwik-Fit EMT

Trade Size	Metric Designator	Outside Diameter ¹		Nominal Wall Thickness		Approximate Weight Per 100 Ft. (30.5M)		Quantity in Master Bundle	
		in	mm	in	mm	lb	kg	ft	m
1 1/4	35	1.510	38.35	0.065	1.65	101	45.8	840	256.0
1 1/2	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
2 1/2	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
3 1/2	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

Trade Size	Metric Designator	Outside Diameter ¹		Nominal Wall Thickness		Approximate Weight Per 100 Ft. (30.5M)		Quantity in Master Bundle	
		in	mm	in	mm	lb	kg	ft	m
1 1/4	35	1.510	38.35	0.065	1.65	107	48.5	840	256.0
1 1/2	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
2 1/2	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
3 1/2	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 1-1/4 (35) through 2 (53)
 +/- .010 in. (.25mm) for size 2-1/2 (63);
 +/- .015 in. (.38mm) for size 3 (78);
 +/- .020 in. (.50mm) for sizes 3-1/2 (91) and 4 (103).

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

Intermediate Metal Conduit (IMC) and Kwik-Couple® IMC

NEC recognizes Allied 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
- UL 1242 listed and manufactured in accordance with ANSI C80.6
- True Color IMC special orders available
- Available in trade sizes 1/2(16) thru 4(103)

Kwik-Release End Cap No Tools Needed!



Kwik-Couple® IMC Steel Conduit

- Factory-installed Kwik-Couple couplings are available on IMC rigid conduits
- No separate couplings to purchase, store, carry or install
Just line up the ends, spin the coupling forward onto the next piece and wrench tighten. It's that easy!
- Kwik-Release End Cap · Requires no tools
- All the benefits of IMC Conduit
- True Color IMC special orders available
- Patented
- Trade Sizes 2-1/2(63) thru 4(103)



IMC (Intermediate Metal Conduit) Weights and Dimensions

Trade Size	Metric Designator	Average Outside Diameter ¹		Average 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	0.815	20.70	0.070	1.79	62	28.1	3500	1067.5
3/4	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
1-1/4	35	1.638	41.60	0.085	2.16	158	71.7	1350	411.8
1-1/2	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
2-1/2	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
3-1/2	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 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).

²Wall thickness tolerances:

- + 0.15 in. (.38mm) and - .000 for trade sizes 1/2 (13mm) through 2 (53mm)
- + 0.20 in. (.51mm) and - .000 for trade sizes 2-1/2 (63mm) through 4 (103mm).

NOTE: Length = 10 ft. (3.05m) with a tolerance of +/- .25 in. (6.35mm).
NEMA Standard

Kwik-Couple IMC Conduit Weights and Dimensions

Trade Size	Metric Designator	Average Outside Diameter ¹		Average Wall Thickness ²		Approximate Weight Per 100 Ft. (30.5M)		Quantity In Master Bundle	
		in.	mm.	in.	mm.	lb.	kg.	ft.	m.
2-1/2	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	543	246.3	300	91.5
3-1/2	91	3.971	100.86	0.140	3.56	629	285.3	250	76.3
4	103	4.466	113.4	0.140	3.56	700	317.5	200	61.0

¹Outside diameter tolerances: +/- .010 in. (.25mm)

²Wall thickness tolerances: + .020 in. (.51mm) and - .000

NOTE: Length (w/coupling) = 10 ft. (3.05m) with a tolerance of +/- .25in. (6.35mm).

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

Intermediate Metal Conduit (IMC) and Kwik-Couple® IMC

FEATURES & SPECIFICATIONS

Allied IMC is precision manufactured for economical protection and long lasting value for the electrical raceway system. Manufactured from premium, work hardened steel combining electrical and mechanical performance with ductility. Allied IMC is resistant to impact and is easy to cut, bend and join for smooth, continuous raceways. Allied 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. Intermediate Metal Conduit, 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.

Kwik-Couple IMC Conduit

Innovation from the conduit leaders at Allied

Allied's patented Kwik-Couple IMC reduces threaded conduit installation time and cost significantly. Kwik-Couple has an integrated coupling on the conduit exactly where you need it.

The Allied Advantage

Allied IMC has a larger internal diameter than RIGID conduit to allow for easier fishing and wire-pulling. Allied IMC is also more "rigid" than RIGID to provide superior wiring protection in many applications.

The National Electrical Code recognizes Allied IMC for the same uses as RIGID, including all hazardous location (classified) applications.

Allied 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's 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 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

Allied IMC is very 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.

Visit www.alliedeg.com to obtain the **GEMI** (Grounding and Electromagnetic Interference) software analysis program.

Codes & Standards Compliance

IMC is covered by Article 342 of the National Electric Code (NEC). It can be installed in all occupancies and locations, including Class I, Division I hazardous locations. Allied IMC is listed to Underwriters Laboratories Safety Standard UL 1242 and meets 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.

Installation of IMC conduit and elbows shall be in accordance with the National Electrical Code and the UL listing information. Allied IMC is listed in UL category DYBY. Master bundles conform to NEMA standard RN2.

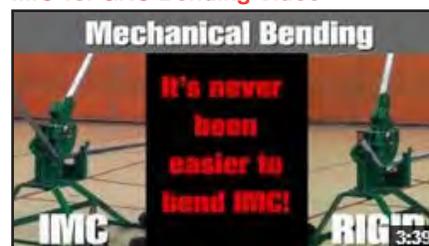
Specification Data

Intermediate Metal Conduit (IMC) conduit and elbows shall be equal to that manufactured by Allied Tube & Conduit Corporation. 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.

Kwik-Couple IMC is Listed to UL Safety Standard 1242 and UL 514-B. Kwik-Couple IMC is Listed for CONCRETE-TIGHT applications.

It is noted that these U.L. standards have been adopted by the federal government and separate military specifications no longer exist.

IMC vs. GRC Bending Video



See our other videos at <http://www.youtube.com/user/AtkoreInternational/videos>

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)

Kwik-Couple Galvanized Rigid Conduit (GRC)

- All the benefits of 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)

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

Quality, Long Lasting Heavy Duty Steel Conduit



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

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 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** (Grounding and Electro-Magnetic Interference) software analysis program.

Codes & Standards Compliance

Allied Rigid Steel 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), 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.

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

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.

Kwik-Couple Rigid steel 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.

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

Kwik-Couple (GRC)

UL Safety Standard 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)		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

¹Tolerances: Trade Size 2-1/2 to 5: ± 1%

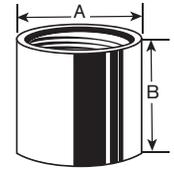
²For information only. Not a requirement of the UL standard.

Galvanized Rigid Conduit (GRC) Couplings & Elbows

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



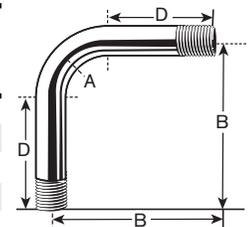
¹Minimum requirement as per UL Standard

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



¹Minimum requirement as per UL Standard

²For 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.

Galvanized Rigid Conduit (GRC) Elbows

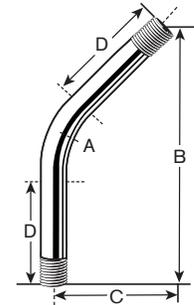
Galvanized Rigid Conduit (GRC) 45 Degree Elbows

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



¹Minimum requirement as per UL Standard

²For 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

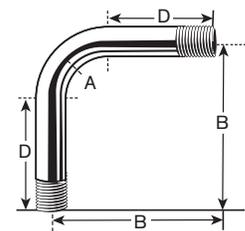
Galvanized Rigid Conduit (GRC) Large Radius 90 Degree Elbows

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



²For 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

Galvanized Rigid Conduit (GRC) Elbows

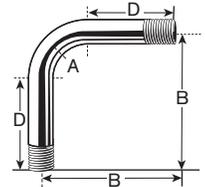
Galvanized Rigid Conduit (GRC) Large Radius 90 Degree Elbows (continued)

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



²For information only, not a requirement as per UL Standard

Chart continued on the next page

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

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

Galvanized Rigid Conduit (GRC) Elbows & Nipples

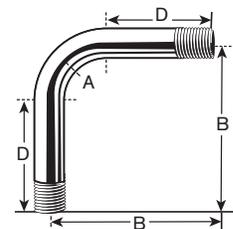
Galvanized Rigid Conduit (GRC) Large Radius 90 Degree Elbows (continued)

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



²For 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

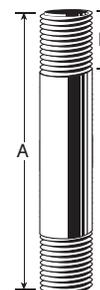
Galvanized Rigid Conduit (GRC) Nipples

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



¹Minimum requirement as per UL Standard

A tolerance of minus one thread applies to Total length of Thread

Chart continued on the next page

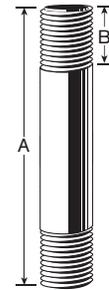
Galvanized Rigid Conduit (GRC) Nipples

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



¹Minimum 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.

Galvanized Rigid Conduit (GRC) Nipples

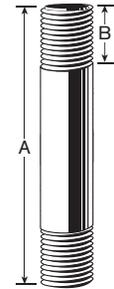
Galvanized Rigid Conduit (GRC) Nipples (continued)

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



¹Minimum requirement as per UL Standard

A tolerance of minus one thread applies to Total length of Thread

Aluminum Rigid Conduit (ARC)

Aluminum Rigid Conduit (ARC)

- Aluminum Rigid Conduit is light weight and is approximately one-third the weight of steel
- Corrosion Resistant aluminum resists most corrosive atmospheres in industrial environments
- Easy to install, no special tools needed to cut, bend or thread
- Low maintenance, doesn't leave discoloring streaks or stains
- Listed to UL Safety Standard 6A
- Manufactured in accordance with ANSI C80.5
- Complete line of elbows, nipples and couplings
- Available in sizes 1/2 (16) - 6 (155)

FEATURES & SPECIFICATIONS

Codes & Standards Compliance

Alloy

Allied Rigid Aluminum Conduits and Fittings are all manufactured of 6063 alloy in temper designation T-1 to ensure maximum performance in electrical installations.

Standards

Allied Rigid Aluminum Conduit is listed by Underwriters' Laboratories to UL 6A, "Standard for Electrical Rigid Metal Conduit — Aluminum, Red Brass and Stainless Steel" and is manufactured to ANSI C80.5 (Replaces Federal specification WWC- 540C).

Thread Protectors

Color-Coded end caps keep threads clean and sharp and help provide trade size recognition. Even sizes are blue; 1/2 trade sizes are black; and 1/4 trade sizes are red.



Aluminum Rigid Conduit (ARC)

Listed to UL Safety Standard 6A

Manufactured in accordance with ANSI C80.5



Trade Size	Metric Designator	Outside Diameter ¹		Nominal Wall Thickness		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	28	12.7	2500	762.5
3/4	21	1.050	26.67	0.107	2.72	37	17.0	2500	762.5
1	27	1.315	33.40	0.126	3.20	55	24.7	2000	610.0
1 1/4	35	1.660	42.16	0.133	3.38	72	32.5	1000	304.8
1 1/2	41	1.900	48.26	0.138	3.51	89	40.2	1000	304.8
2	53	2.375	60.33	0.146	3.71	119	53.8	450	137.2
2 1/2	63	2.875	73.03	0.193	4.90	188	85.0	300	91.5
3	78	3.500	88.90	0.205	5.21	246	111.7	200	61.0
3 1/2	91	4.000	101.60	0.215	5.46	296	134.1	200	61.0
4	103	4.500	114.30	0.225	5.72	350	158.9	200	61.0
5	129	5.563	141.30	0.245	6.22	479	217.2	80	23.4
6	155	6.625	168.28	0.266	6.76	635	287.8	60	18.3

NOTE: ¹Tolerances: 1/2 to 1-1/2 trade sizes +/- 0.15 in. 2 to 6 trade sizes +/- 1%

*Each length of conduit with coupling attached will be nominally 10 feet

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

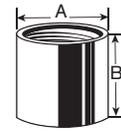
Aluminum Rigid Conduit (ARC) Couplings and Elbows

Listed to UL Safety Standard 6A
 Manufactured in accordance with ANSI C80.5



Aluminum Rigid Conduit (ARC) Couplings

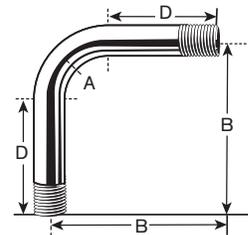
Trade Size	Metric Designator	Nominal Outside Dimensions (A)		Minimum Acceptable Length (B)		Threads Per Inch	Approximate Weight Per 100 Pieces		Standard Package
		in	mm	in	mm		lb	kg	
1/2	16	1.078	27.38	1 5/8	41.3	14	6	2.7	100
3/4	21	1.328	33.73	1 41/64	41.7	14	9	4.1	50
1	27	1.562	39.67	1 31/32	50.0	11 1/2	13	5.9	30
1 1/4	35	1.953	49.61	2 1/32	51.6	11 1/2	19	8.6	25
1 1/2	41	2.219	56.36	2 1/16	52.4	11 1/2	23	10.4	25
2	53	2.750	69.85	2 1/8	54.0	11 1/2	35	15.9	15
2 1/2	63	3.281	83.34	3 3/16	81.0	8	68	30.8	20
3	78	3.812	96.84	3 5/16	84.1	8	91	41.3	15
3 1/2	91	4.438	112.71	3 13/32	86.5	8	108	49.0	12
4	103	5.000	127.00	3 33/64	89.3	8	142	64.4	12
5	129	6.219	157.96	3 61/64	100.4	8	242	109.8	8
6	155	7.312	185.74	4 1/4	108.0	8	320	145.2	6



Aluminum Rigid Conduit (ARC) 90 Degree Elbows



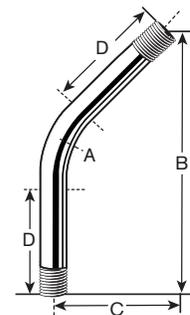
Trade Size	Metric Designator	Nominal Dimensions						Approximate Weight Per 100 Pieces		Standard Package
		Radius (A)		Offset (B)		Straight (D)		lb	kg	
		in	mm	in	mm	in	mm			
1/2	16	4	102	5 7/8	149	1 1/2	38	22	10.0	25
3/4	21	4 1/2	114	7	178	1 1/2	38	32	14.5	40
1	27	5 3/4	146	8 3/4	222	1 7/8	48	62	28.1	25
1 1/4	35	7 1/4	184	10 1/2	267	2	51	99	44.9	10
1 1/2	41	8 1/4	210	11 3/4	298	2	51	137	62.1	10
2	53	9 1/2	241	14 1/2	368	2	51	228	103.4	5
2 1/2	63	10 1/2	267	17 1/4	438	3	76	427	193.7	80
3	78	13	330	22 3/4	578	3 1/8	79	752	341.1	50
3 1/2	91	15	381	23 1/4	591	3 1/4	83	889	403.3	50
4	103	16	406	23 3/8	594	3 3/8	86	1049	475.8	36
5	129	24	610	34 7/8	886	3 5/8	92	2125	963.9	1
6	155	30	762	45 1/2	1156	3 3/4	95	3738	1695.6	1



Aluminum Rigid Conduit (ARC) 45 Degree Elbows



Trade Size	Metric Designator	Nominal Dimensions								Approximate Weight Per 100 Pieces		Standard Package
		Radius (A)		Offset (B)		Offset (C)		Straight (D)		lb	kg	
		in	mm	in	mm	in	mm	in	mm			
1/2	16	4	102	7	178	2 7/8	73	1 1/2	38	18	8.2	25
3/4	21	4 1/2	114	7 7/8	200	3 1/4	83	1 1/2	38	23	10.4	40
1	27	5 3/4	146	8 3/4	222	3 5/8	92	1 7/8	48	40	18.1	25
1 1/4	35	7 1/4	184	10 1/2	267	4 3/8	111	2	51	65	29.5	10
1 1/2	41	8 1/4	210	13 1/8	333	5 3/8	137	2	51	102	46.3	10
2	53	9 1/2	241	14 1/2	368	6	152	2	51	150	68.0	5
2 1/2	63	10 1/2	267	17 1/2	445	7 1/4	184	3	76	278	126.1	80
3	78	13	330	21	533	8 5/8	219	3 1/8	79	442	200.5	50
3 1/2	91	15	381	26 1/8	664	10 7/8	276	3 1/4	83	659	298.9	50
4	103	16	406	26 1/4	667	10 7/8	276	3 3/8	86	777	352.4	36
5	129	24	610	35 7/8	911	14 7/8	378	3 5/8	92	1446	655.9	1
6	155	30	762	43 3/8	1102	18	457	3 3/4	95	2347	1064.6	1



Rigid PVC Conduit & Fittings

- Commercial, Industrial and Utility Usage
- Corrosion Resistant
- Non-Magnetic and non-galvanic
- Self Extinguishing
- Impact Resistant

FEATURES & SPECIFICATIONS

Allied Tube & Conduit offers a complete line of rigid PVC conduit and fittings and PVC utility duct. For commercial, industrial and utility usage, Allied PVC conduit and duct is proven durable and effective for years of maintenance-free performance in underground, encased and exposed applications in accordance with the National Electrical Code.

Corrosion Proof:

Resistant to most chemicals, PVC is typically not affected by corrosive soils or salts.

Non-Magnetic and Non-Galvanic:

Properties of Allied PVC Conduit provide good insulation and no power loss or conductor heating.

Self Extinguishing:

Properties make PVC fire resistant.

Impact Resistant:

Tough, durable, with high tensile strength, yet easy to handle and install right on the jobsite.

Schedule 40 & 80 rigid PVC conduit systems are sunlight resistant and are used exposed, encased in concrete, concealed in walls and in direct burial applications including systems for:

- Utilities
- Cable, data and communication lines
- Institutional, commercial, industrial buildings
- Residential applications, & service entrances
- Street and highway underground feeds
- Transportation systems - subways, bridges, tunnels, airports
- Water and wastewater treatment plants
- Marinas
- Mines and mills

Type DB-60 and DB-120 utility duct are designed for direct burial applications. **Type EB-20 and EB-35** are designed for burial encased in concrete.

PVC Conduit & Fittings are not available in all markets.

Please contact your Allied representative or distributor for details.

www.alliedeg.com



Codes And Standards Compliance

Allied Schedule 40 and Schedule 80 rigid conduits are third-party certified to UL 651 and are allowed for use with 90° C conductors, in accordance with the National Electrical Code. They are manufactured in accordance with NEMA TC2.

Allied Type DB and EB ducts are manufactured in accordance with NEMA TC 6&8 and are allowed for use with 90° C conductors.

Allied PVC fittings are manufactured in accordance with NEMA TC3. The UL standard for PVC fittings is UL 651; for boxes UL 514C, for cover plates UL 514D and for enclosures UL 50.

See product pages for UL listing information.

Specification

All wiring shall be installed in Allied Tube & Conduit rigid PVC conduit and secured by means of proper fittings. All fittings shall be offered by Allied Tube & Conduit. All outlets, pull boxes and junction points shall be fitted with Allied outlet boxes, fittings and junction boxes.

Exposed conduit shall be securely attached and supported by means of straps. The straps shall be installed at the recommended spacing as specified in the National Electrical Code (NEC). The straps must allow for linear expansion and contraction of the conduit due to temperature change. If the variance in temperature exceeds 25°F, expansion joints shall be installed according to the manufacturer's recommendations.

If rigid PVC conduit is embedded in concrete or direct buried, support straps are not required.

Rigid PVC Conduit - Schedule 40 & 80

Schedule-40 PVC Rigid Conduit Rated for 90° C Wiring

ALLIED 1/2" RIGID PVC CONDUIT SCH-40 NEMA TC-2 MAX 90°C WIRE SUNLIGHT RESISTANT ALL

Allied Schedule-40 is sunlight resistant. Meets or exceeds the requirements of NEMA TC-2 and UL-651 for Schedule 40 Conduit*.

Schedule 40 PVC Conduit Weight and Dimensions (10' lengths with belled ends)

Trade Size	Metric Designator	Average Outside Dia (in)	Minimum Average I.D. (in)	Min. Wall Thickness (in)	Weight Per Foot	Master Bundle Qty. (ft)	Nominal Bell (Socket) Depth/Inches
1/2	16	.840 ±0.004	.578	.109	.164	6000	1.8
3/4	21	1.050 ±0.004	.780	.113	.218	4400	1.8
1	27	1.315 ±0.005	1.004	.133	.321	3600	2
1-1/4	35	1.660 ±0.005	1.335	.140	.434	3300	2.5
1-1/2	41	1.900 ±0.006	1.564	.145	.518	2250	2.5
2	53	2.375 ±0.006	2.021	.154	.695	1400	4.5
2-1/2	63	2.875 ±0.007	2.414	.203	1.096	930	4.5
3	78	3.500 ±0.008	3.008	.216	1.435	880	4.5
3-1/2	91	4.000 ±0.008	3.486	.226	1.729	630	4.5
4	103	4.500 ±0.009	3.961	.237	2.043	570	5
5	129	5.563 ±0.010	4.975	.258	2.776	380	6
6	155	6.625 ±0.011	5.986	.280	3.600	260	6
8*	200	8.652 ±0.013	7.981	.322	5.474	180	6.5

SPECIAL INFORMATION

- 1. 20' lengths available on special request.
 - 2. Minimum shipment: full pallet quantity per size.
- Third-party certified to UL651
*Not UL Listed

Extra Heavy Wall Schedule-80 PVC Rigid Conduit Rated for 90° C Wiring

ALLIED 1/2" RIGID PVC CONDUIT SCH-80 NEMA TC-2 MAX 90°C WIRE SUNLIGHT RESISTA

Allied Schedule-80 is sunlight resistant. Meets or exceeds the requirements of NEMA TC-2 and UL-651 for Schedule 80 Conduit.

Schedule 80 PVC Conduit Weight and Dimensions (10' lengths with belled ends)

Trade Size	Metric Designator	Average Outside Dia (in)	Minimum Average I.D. (in)	Min. Wall Thickness (in)	Weight Per Foot	Master Bundle Qty. (ft)	Nominal Bell (Socket) Depth/Inches
1/2	16	.840 ±0.004	.502	.147	.205	6000	1.8
3/4	21	1.050 ±0.004	.698	.154	.278	4400	1.8
1	29	1.315 ±0.005	.910	.179	.409	3600	2
1-1/4	35	1.660 ±0.005	1.227	.191	.567	3300	2.5
1-1/2	41	1.900 ±0.006	1.446	.200	.686	2250	2.5
2	53	2.375 ±0.006	1.881	.218	.949	1400	3
2-1/2	63	2.875 ±0.007	2.250	.276	1.449	930	4
3	78	3.500 ±0.008	2.820	.300	1.938	880	4
4	103	4.500 ±0.008	3.737	.377	2.833	570	4.5
5	129	5.563 ±0.009	4.713	.375	3.850	380	5
6	155	6.625 ±0.010	5.646	.432	5.411	260	5

SPECIAL INFORMATION

- 1. 20' lengths available on special request.
 - 2. Minimum shipment: full pallet quantity per size.
- Third-party certified to UL651

PVC Conduit & Fittings are not available in all markets.

Please contact your Allied representative or distributor for details.

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

Rigid PVC Conduit - Utility Duct

Rigid PVC Utility Duct - Type DB-60 for Direct Burial Rated for 90° C Wiring

ALLIED TUBE 2" PVC NEMA TC-6 TYPE DB 1/2" RIGID PVC CONDUIT

Trade Size	Metric Designator	Average Outside Diameter (in)	Min. Wall Thickness (in)	Weight/Ft	Master Bundle Qty. (ft)	Nominal Bell (Socket) Depth/Inches
2	53	2.375	.060	.361	2800	3
3	78	3.500	.092	.716	1760	4
4	103	4.500	.121	1.171	1140	4.5
5	129	5.563	.152	1.778	760	5
6	155	6.625	.182	2.500	520	5

SPECIAL INFORMATION: 1. 20' lengths are standard, 10' lengths available on special request. 2. Minimum shipment: full pallet quantity per size. Type DB-60 for direct burial meets NEMA TC-6 and 8

Rigid PVC Utility Duct - Type DB-120 for Direct Burial Rated for 90° C Wiring

ALLIED TUBE 2" PVC NEMA TC-8 TYPE DB 1/2" RIGID PVC CONDUIT

Trade Size	Metric Designator	Average Outside Diameter (in)	Min. Wall Thickness (in)	Weight/Ft	Master Bundle Qty. (ft)	Nominal Bell (Socket) Depth/Inches
2	53	2.375	.077	.371	2800	3
3	78	3.500	.118	.836	1760	4
4	103	4.500	.154	1.402	1140	4.5
5	129	5.563	.191	2.150	760	5
6	155	6.625	.227	3.045	520	5

SPECIAL INFORMATION: 1. 20' lengths are standard, 10' lengths available on special request. 2. Minimum shipment: full pallet quantity per size. Type DB-120 for direct burial meets NEMA TC-6 and 8

Rigid PVC Utility Duct - Type EB-20 for Encased Burial Rated for 90° C Wiring

ALLIED TUBE 2" PVC NEMA TC-6 TYPE EB 1/2" RIGID PVC CONDUIT

Trade Size	Metric Designator	Average Outside Diameter (in)	Min. Wall Thickness (in)	Weight/Ft	Master Bundle Qty. (ft)	Nominal Bell (Socket) Depth/Inches
2	53	2.375	.060	.361	2800	3
3	78	3.500	.061	.514	1760	4
4	103	4.500	.082	.843	1140	4.5
5	129	5.563	.103	1.268	760	5
6	155	6.625	.125	1.729	520	5

SPECIAL INFORMATION: 1. 20' lengths are standard, 10' lengths available on special request. 2. Minimum shipment: full pallet quantity per size. Type EB-20 for direct burial meets NEMA TC-6 and 8

Rigid PVC Utility Duct - Type EB-35 for Encased Burial Rated for 90° C Wiring

ALLIED TUBE 2" PVC NEMA TC-8 TYPE EB 1/2" RIGID PVC CONDUIT

Trade Size	Metric Designator	Average Outside Diameter (in)	Min. Wall Thickness (in)	Weight/Ft	Master Bundle Qty. (ft)	Nominal Bell (Socket) Depth/Inches
2	53	2.375	.060	.361	2800	3
3	78	3.500	.076	.533	1760	4
4	103	4.500	.100	.923	1140	4.5
5	129	5.563	.126	1.437	760	5
6	155	6.625	.152	2.064	520	5

SPECIAL INFORMATION: 1. 20' lengths are standard, 10' lengths available on special request. 2. Minimum shipment: full pallet quantity per size. Type EB-35 for direct burial meets NEMA TC-6 and 8

PVC Conduit & Fittings are not available in all markets.

Please contact your Allied representative or distributor for details.

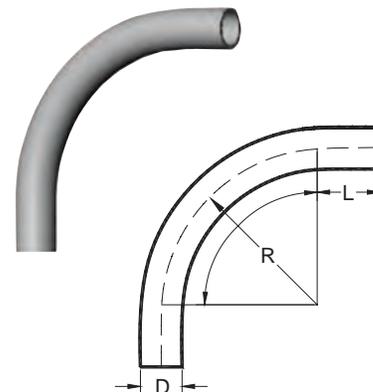
NOTE: Special orders are non-cancelable, non-returnable and non-refundable.

PVC Schedule 40 - Standard Radius Elbows (Plain End)

90° Elbows - Plain End

Trade Size	Part Number	Unit Quantity	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
1/2	59588	35	0.840	1.500	4.00
3/4	59589	50	1.050	1.500	4.50
1	59590	25	1.315	1.875	5.75
1-1/4	59591	30	1.660	2.000	7.25
1-1/2	59592	15	1.900	2.000	8.25
2	59593	20	2.375	2.000	9.50
2-1/2	59594	1	2.875	3.000	10.50
3	59595	1	3.500	3.125	13.00
3-1/2	59596	1	4.000	3.250	15.00
4	59597	1	4.500	3.375	16.00
5	59598	1	5.565	3.622	24.00
6	59599	1	6.625	3.740	30.00

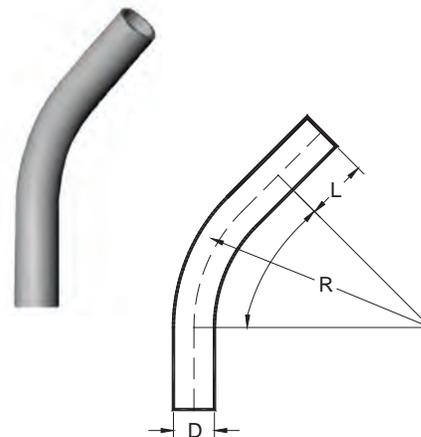
Third-party certified to UL651



45° Elbows - Plain End

Trade Size	Part Number	Unit Quantity	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
1/2	59575	70	0.840	1.500	4.00
3/4	59576	50	1.050	1.500	4.50
1	59577	50	1.315	1.875	5.75
1-1/4	59578	30	1.660	2.000	7.25
1-1/2	59579	20	1.900	2.000	8.25
2	59580	20	2.375	2.000	9.50
2-1/2	59581	12	2.875	3.000	10.50
3	59582	10	3.500	3.125	13.00
3-1/2	59583	1	4.000	3.250	15.00
4	59584	1	4.500	3.375	16.00
5	59585	1	5.565	3.625	24.00
6	59586	1	6.625	3.750	30.00

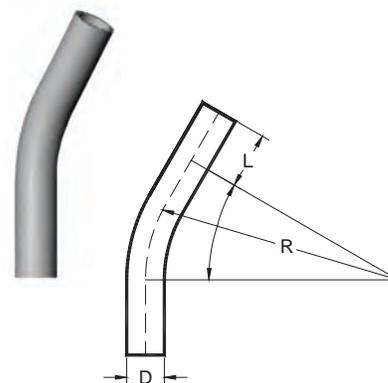
Third-party certified to UL651



30° Elbows - Plain End

Trade Size	Part Number	Unit Quantity	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
1/2	59561	50	0.840	1.500	4.00
3/4	59562	50	1.050	1.500	4.50
1	59563	50	1.315	1.875	5.75
1-1/4	59564	30	1.660	2.000	7.25
1-1/2	59565	25	1.900	2.000	8.25
2	59566	15	2.375	2.000	9.50
2-1/2	59567	10	2.875	3.000	10.50
3	59568	10	3.500	3.125	13.00
3-1/2	59569	1	4.000	3.250	15.00
4	59570	1	4.500	3.375	16.00
5	59571	1	5.565	3.625	24.00
6	59572	1	6.625	3.750	30.00

Third-party certified to UL651



PVC Conduit & Fittings are not available in all markets.

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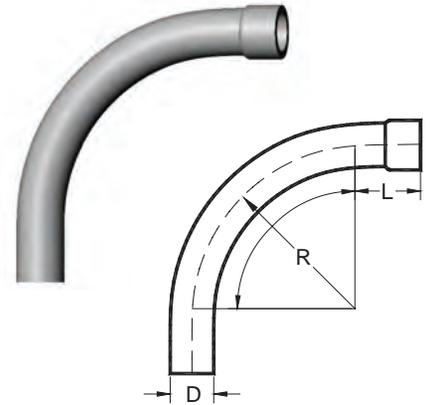
NOTE: Special orders are non-cancelable, non-returnable and non-refundable.

PVC Schedule 40 - Standard Radius Elbows (Bell End)

90° Elbows - Bell End*

Trade Size	Part Number	Unit Quantity	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
1/2	802752	35	0.840	1.500	4.00
3/4	802753	50	1.050	1.500	4.50
1	802754	25	1.315	1.875	5.75
1-1/4	802755	20	1.660	2.000	7.25
1-1/2	802756	15	1.900	2.000	8.25
2	802757	10	2.375	2.000	9.50
2-1/2	802758	1	2.875	3.000	10.50
3	802759	1	3.500	3.125	13.00
3-1/2	802761	1	4.000	3.250	15.00
4	802762	1	4.500	3.375	16.00
5	802763	1	5.565	3.622	24.00
6	802764	1	6.625	3.740	30.00

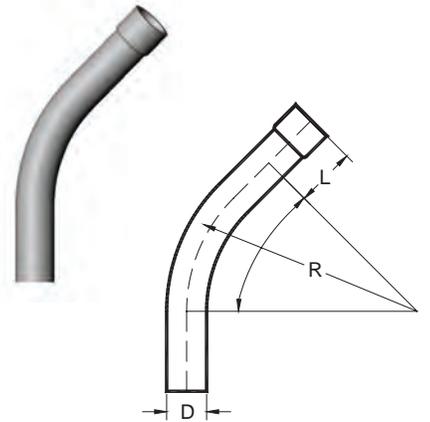
*Special radius available upon request.
Third-party certified to UL651



45° Elbows - Bell End*

Trade Size	Part Number	Unit Quantity	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
1/2	802765	70	0.840	1.500	4.00
3/4	802767	50	1.050	1.500	4.50
1	802768	50	1.315	1.875	5.75
1-1/4	802769	30	1.660	2.000	7.25
1-1/2	802770	15	1.900	2.000	8.25
2	802771	10	2.375	2.000	9.50
2-1/2	802772	1	2.875	3.000	10.50
3	802773	1	3.500	3.125	13.00
3-1/2	802774	1	4.000	3.250	15.00
4	802775	1	4.500	3.375	16.00
5	802776	1	5.565	3.625	24.00
6	802777	1	6.625	3.750	30.00

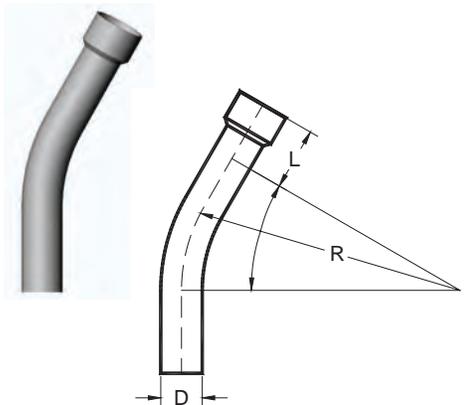
*Special radius available upon request.
Third-party certified to UL651



30° Elbows - Bell End*

Trade Size	Part Number	Unit Quantity	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
1/2	802778	50	0.840	1.500	4.00
3/4	802779	35	1.050	1.500	4.50
1	802780	50	1.315	1.875	5.75
1-1/4	802781	30	1.660	2.000	7.25
1-1/2	802782	50	1.900	2.000	8.25
2	802783	30	2.375	2.000	9.50
2-1/2	802784	1	2.875	3.000	10.50
3	802785	1	3.500	3.125	13.00
3-1/2	802786	1	4.000	3.250	15.00
4	802787	1	4.500	3.375	16.00
5	802788	1	5.565	3.625	24.00
6	802789	1	6.625	3.750	30.00

*Special radius available upon request.
Third-party certified to UL651



PVC Conduit & Fittings are not available in all markets.

Please contact your Allied representative or distributor for details.

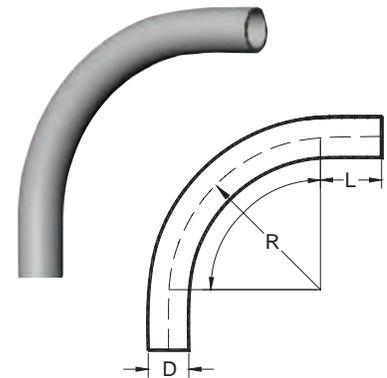
NOTE: Special orders are non-cancelable, non-returnable and non-refundable.

PVC Schedule 80 - Standard Radius Elbows (Plain End)

90° Elbows - Plain End*

Trade Size	Part Number	Unit Quantity	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
1/2	59012	50	0.840	1.500	4.00
3/4	59013	35	1.050	1.500	4.50
1	59014	20	1.315	1.875	5.75
1-1/4	59015	30	1.660	2.000	7.25
1-1/2	59016	30	1.900	2.000	8.25
2	59017	15	2.375	2.000	9.50
2-1/2	59018	8	2.875	3.000	10.50
3	59019	1	3.500	3.125	13.00
4	59021	1	4.500	3.375	16.00
5	59022	1	5.565	3.622	24.00
6	59023	1	6.625	3.740	30.00

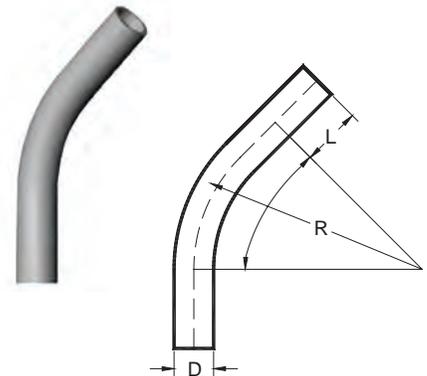
*Belled end available upon request
Third-party certified to UL651



45° Elbows - Plain End*

Trade Size	Part Number	Unit Quantity	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
1/2	59000	50	0.840	1.500	4.00
3/4	59001	25	1.050	1.500	4.50
1	59002	20	1.315	1.875	5.75
1-1/4	59003	25	1.660	2.000	7.25
1-1/2	59004	20	1.900	2.000	8.25
2	59005	10	2.375	2.000	9.50
2-1/2	59006	20	2.875	3.000	10.50
3	59007	1	3.500	3.125	13.00
4	59009	1	4.500	3.375	16.00
5	59010	1	5.565	3.622	24.00
6	59011	1	6.625	3.750	30.00

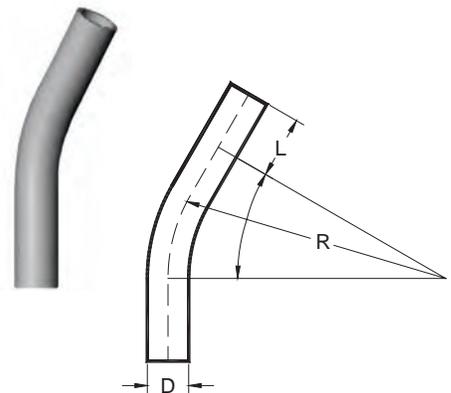
*Belled end available upon request
Third-party certified to UL651



30° Elbows - Plain End*

Trade Size	Part Number	Unit Quantity	Diameter (D) (in)	Length (L) (in)	Radius (R) (in)
1/2	59064	50	0.840	1.500	4.00
3/4	59065	25	1.050	1.500	4.50
1	59066	25	1.315	1.875	5.75
1-1/4	59067	20	1.660	2.000	7.25
1-1/2	59068	25	1.900	2.000	8.25
2	59069	20	2.375	2.000	9.50
2-1/2	59070	1	2.875	3.000	10.50
3	59071	1	3.500	3.125	13.00
4	59072	1	4.500	3.375	16.00
5	59073	1	5.565	3.622	24.00
6	59074	1	6.625	3.750	30.00

*Belled end available upon request
Third-party certified to UL651



PVC Conduit & Fittings are not available in all markets.

Please contact your Allied representative or distributor for details.

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

PVC Schedule 40 - Special Radius Elbows (Plain End)

Schedule 40 - Special Radius Elbows

Trade Size	Degree	18" Radius		24" Radius		30" Radius		36" Radius		48" Radius	
		Part Number	Bundle Quantity	Part Number	Bundle Quantity	Part Number	Bundle Quantity	Part Number	Bundle Quantity	Part Number	Bundle Quantity
1	90°	59701	1 pc.	59708	1 pc.	59717	1 pc.	59727	1 pc.	59738	1 pc.
	45°	59749	1 pc.	59756	1 pc.	59765	1 pc.	59775	1 pc.	59786	1 pc.
	30°	59797	1 pc.	59804	1 pc.	59813	1 pc.	59823	1 pc.	59834	1 pc.
	22-1/2°	59845	1 pc.	59854	1 pc.	59864	1 pc.	59875	1 pc.	59886	1 pc.
1-1/4	90°	59702	1 pc.	59709	1 pc.	59718	1 pc.	59728	1 pc.	59739	1 pc.
	45°	59750	1 pc.	59757	1 pc.	59766	1 pc.	59776	1 pc.	59787	1 pc.
	30°	59798	1 pc.	59805	1 pc.	59814	1 pc.	59824	1 pc.	59835	1 pc.
	22-1/2°	59846	1 pc.	59855	1 pc.	59865	1 pc.	59876	1 pc.	59887	1 pc.
1-1/2	90°	59703	1 pc.	59710	1 pc.	59719	1 pc.	59729	1 pc.	59740	1 pc.
	45°	59751	1 pc.	59758	1 pc.	59767	1 pc.	59777	1 pc.	59788	1 pc.
	30°	59799	1 pc.	59806	1 pc.	59815	1 pc.	59825	1 pc.	59836	1 pc.
	22-1/2°	59847	1 pc.	59856	1 pc.	59866	1 pc.	59877	1 pc.	59888	1 pc.
2	90°	59704	1 pc.	59711	1 pc.	59720	1 pc.	59730	1 pc.	59741	1 pc.
	45°	59752	1 pc.	59759	1 pc.	59768	1 pc.	59778	1 pc.	59789	1 pc.
	30°	59800	1 pc.	59807	1 pc.	59816	1 pc.	59826	1 pc.	59837	1 pc.
	22-1/2°	59848	1 pc.	59857	1 pc.	59867	1 pc.	59878	1 pc.	59889	1 pc.
2-1/2	90°	59705	1 pc.	59712	1 pc.	59721	1 pc.	59731	1 pc.	59742	1 pc.
	45°	59753	1 pc.	59760	1 pc.	59769	1 pc.	59779	1 pc.	59790	1 pc.
	30°	59801	1 pc.	59808	1 pc.	59817	1 pc.	59827	1 pc.	59838	1 pc.
	22-1/2°	59849	1 pc.	59898	1 pc.	59868	1 pc.	59879	1 pc.	59890	1 pc.
3	90°	59706	1 pc.	59713	1 pc.	59722	1 pc.	59732	1 pc.	59743	1 pc.
	45°	59754	1 pc.	59761	1 pc.	59770	1 pc.	59780	1 pc.	59791	1 pc.
	30°	59802	1 pc.	59809	1 pc.	59818	1 pc.	59828	1 pc.	59839	1 pc.
	22-1/2°	59850	1 pc.	59859	1 pc.	59869	1 pc.	59880	1 pc.	59891	1 pc.
3-1/2	90°	Use Standard Schedule 40 Radius (15")		59714	1 pc.	59723	1 pc.	59733	1 pc.	59744	1 pc.
	45°			59762	1 pc.	59771	1 pc.	59781	1 pc.	59792	1 pc.
	30°			59810	1 pc.	59819	1 pc.	59829	1 pc.	59840	1 pc.
	22-1/2°			59860	1 pc.	59870	1 pc.	59881	1 pc.	59892	1 pc.
4	90°	Use Standard Schedule 40 Radius (16")		59715	1 pc.	59724	1 pc.	59734	1 pc.	59745	1 pc.
	45°			59763	1 pc.	59772	1 pc.	59782	1 pc.	59793	1 pc.
	30°			59811	1 pc.	59820	1 pc.	59830	1 pc.	59841	1 pc.
	22-1/2°			59861	1 pc.	59871	1 pc.	59882	1 pc.	59893	1 pc.
5	90°	Use Standard Schedule 40 Radius (24")		***	59725	1 pc.	59735	1 pc.	59746	1 pc.	
	45°			***	59773	1 pc.	59783	1 pc.	59794	1 pc.	
	30°			***	59821	1 pc.	59831	1 pc.	59842	1 pc.	
	22-1/2°			***	59872	1 pc.	59883	1 pc.	59894	1 pc.	
6	90°	Use Standard Schedule 40 Radius (30")				****	59736	1 pc.	59747	1 pc.	
	45°					****	59784	1 pc.	59795	1 pc.	
	30°					****	59832	1 pc.	59843	1 pc.	
	22-1/2°					****	59884	1 pc.	59895	1 pc.	

- 60" radius available upon request
- Special radius bell end elbows available upon request
- Contact your Allied Tube & Conduit Electrical Representative for more information

PVC Conduit & Fittings are not available in all markets.

Please contact your Allied representative or distributor for details.

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

PVC Schedule 80 - Special Radius Elbows (Plain End)

Schedule 80 - Special Radius Elbows

Trade Size	Degree	18" Radius		24" Radius		30" Radius		36" Radius	
		Part Number	Bundle Quantity	Part Number	Bundle Quantity	Part Number	Bundle Quantity	Part Number	Bundle Quantity
1	90°	808827	1 pc.	808831	1 pc.	808835	1 pc.	808845	1 pc.
	45°	808828	1 pc.	808832	1 pc.	808842	1 pc.	808846	1 pc.
	30°	808829	1 pc.	808833	1 pc.	808843	1 pc.	808847	1 pc.
	22-1/2°	808830	1 pc.	808834	1 pc.	808844	1 pc.	808848	1 pc.
1-1/4	90°	808849	1 pc.	808854	1 pc.	808858	1 pc.	808862	1 pc.
	45°	808850	1 pc.	808855	1 pc.	808859	1 pc.	808863	1 pc.
	30°	808851	1 pc.	808856	1 pc.	808860	1 pc.	808864	1 pc.
	22-1/2°	808852	1 pc.	808857	1 pc.	808861	1 pc.	808865	1 pc.
1-1/2	90°	805133	1 pc.	808868	1 pc.	809049	1 pc.	809053	1 pc.
	45°	805131	1 pc.	808869	1 pc.	809050	1 pc.	809054	1 pc.
	30°	808866	1 pc.	808870	1 pc.	809051	1 pc.	809055	1 pc.
	22-1/2°	808867	1 pc.	808871	1 pc.	809052	1 pc.	809056	1 pc.
2	90°	809057	1 pc.	805916	1 pc.	597394	1 pc.	597493	1 pc.
	45°	809058	1 pc.	809061	1 pc.	809067	1 pc.	809070	1 pc.
	30°	809059	1 pc.	809065	1 pc.	809068	1 pc.	809071	1 pc.
	22-1/2°	809060	1 pc.	809066	1 pc.	809069	1 pc.	809072	1 pc.
2-1/2	90°	597043	1 pc.	597123	1 pc.	597391	1 pc.	809081	1 pc.
	45°	805132	1 pc.	809078	1 pc.	809075	1 pc.	809082	1 pc.
	30°	809073	1 pc.	809079	1 pc.	809076	1 pc.	809083	1 pc.
	22-1/2°	809074	1 pc.	809080	1 pc.	809077	1 pc.	809084	1 pc.
3	90°	597063	1 pc.	597152	1 pc.	597392	1 pc.	597494	1 pc.
	45°	809085	1 pc.	809088	1 pc.	809091	1 pc.	809094	1 pc.
	30°	809086	1 pc.	809089	1 pc.	809092	1 pc.	809095	1 pc.
	22-1/2°	809087	1 pc.	809090	1 pc.	809093	1 pc.	809096	1 pc.
4	90°	Use Standard Schedule 40 Radius (16")		597153	1 pc.	597393	1 pc.	597492	1 pc.
	45°			809205	1 pc.	597823	1 pc.	597944	1 pc.
	30°			809206	1 pc.	809208	1 pc.	809210	1 pc.
	22-1/2°			809207	1 pc.	809209	1 pc.	809211	1 pc.
5	90°	-	-	Use Standard Schedule 40 Radius (24")		597395	1 pc.	597495	1 pc.
	45°	-	-			597824	1 pc.	597946	1 pc.
	30°	-	-			809212	1 pc.	809214	1 pc.
	22-1/2°	-	-			809213	1 pc.	809215	1 pc.
6	90°	-	-	-	-	809249	1 pc.	597491	1 pc.
	45°	-	-	-	-	809250	1 pc.	597945	1 pc.
	30°	-	-	-	-	809251	1 pc.	809253	1 pc.
	22-1/2°	-	-	-	-	809252	1 pc.	809254	1 pc.

- 60" radius available upon request
- Contact your Allied Tube & Conduit Electrical Representative for more information

PVC Conduit & Fittings are not available in all markets.

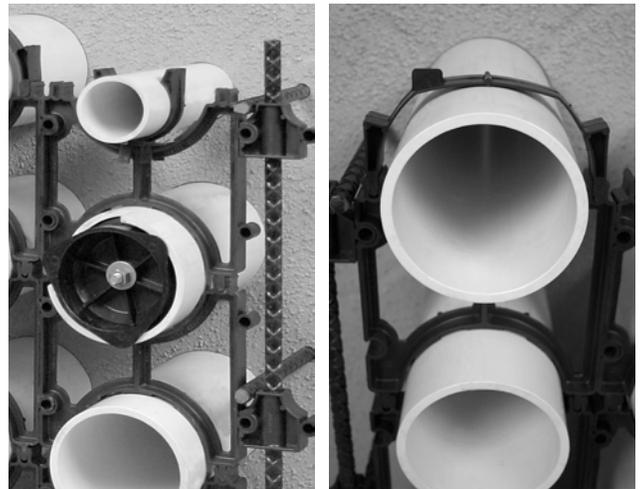
Please contact your Allied representative or distributor for details.

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

Plastic Duct Spacers

Plastic duct spacers for completely enclosed and locked-in duct banks.

- They snap together, vertically, slide together horizontally for fast, secure field assembly.
- Only two components, base and intermediate, are needed. Banding is not necessary.
- With the Vertical-lok spacer, ducts are accurately separated. Spacers lock firmly together, preventing separation.
- Alignment of the duct bank sections is relatively easy with this completely locked-in construction.
- To prevent the top tier from floating during encased burial, it is suggested that an intermediate spacer be used as a cap.
- Used in both EB and DB installations.
- Vertical and horizontal interlocking permits building a strong, lock-in duct bank. A wide baseplate provides solid support for heaviest loads.
- Units slide together for horizontal locking.



Intermediate & Base Spacer Dimensions*

Trade Size	1" Separation			1-1/2" Separation			2" Separation			3" Separation		
	R	A	C	R	A	C	R	A	C	R	A	C
2	Saddle spacers only			1.2	4.0	1.5	1.2	4.5	2.0	1.2	5.5	3.0
3	Saddle spacers only			1.8	5.1	1.5	1.8	5.6	2.0	1.8	6.6	3.0
4	2.3	5.6	1.0	2.3	6.1	1.5	12.3	6.6	2.0	2.3	7.6	3.0
5	Saddle spacers only			2.9	7.3	1.5	2.9	7.9	2.0	2.9	8.9	3.0
6	-	-	-	3.3	8.2	1.5	3.4	6.7	2.0	3.4	9.0	3.0

- Base spacers provide a 3" separation between bottom row of ducts & trench floor, except for 4" x 1", which is 1-3/4".
- All Dimensions are in inches.
- * Not UL Listed



Intermediate Spacers*

Trade Size	1" Separation			1-1/2" Separation			2" Separation			3" Separation		
	Part No.	Std. Pack	Wgt. lbs.	Part No.	Std. Pack	Wgt. lbs.	Part No.	Std. Pack	Wgt. lbs.	Part No.	Std. Pack	Wgt. lbs.
2	-	-	-	150-1	350	34	152-1	300	31	154-1	200	27
3	-	-	-	156-1	225	32	158-1	200	31	160-1	125	23
4	120-1	200	37	185-1	150	30	124-1	125	28	189-1	90	26
5	-	-	-	128-1	100	28	130-1	100	30	191-1	80	23
6	-	-	-	132-1	100	27	134-1	90	31	162-1	70	26

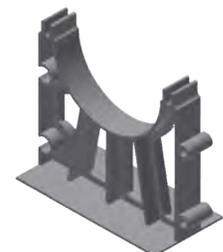
* Not UL Listed



Base Spacers*

Trade Size	1" Separation			1-1/2" Separation			2" Separation			3" Separation		
	Part No.	Std. Pack	Wgt. lbs.	Part No.	Std. Pack	Wgt. lbs.	Part No.	Std. Pack	Wgt. lbs.	Part No.	Std. Pack	Wgt. lbs.
2	-	-	-	151-1	250	31	153-1	225	33	155-1	225	35
3	-	-	-	157-1	175	31	159-1	155	28	161-1	150	32
4	121-1	175	35	186-1	140	39	125-1	140	42	190-1	120	40
5	-	-	-	129-1	120	42	131-1	120	42	192-1	100	38
6	-	-	-	133-1	100	32	135-1	100	42	163-1	95	38

* Not UL Listed



PVC Conduit & Fittings are not available in all markets.

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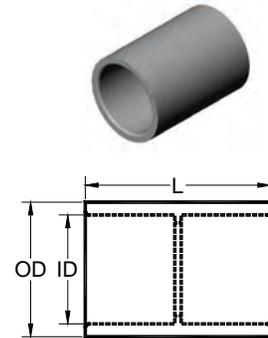
NOTE: Special orders are non-cancelable, non-returnable and non-refundable.

PVC Couplings and Adapters

Couplings

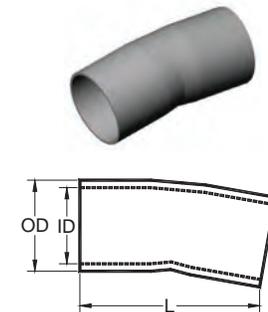
Trade Size	Part Number	Unit Quantity	Outside (OD) Diameter (in)	Inside (ID) Diameter (in)	Length (L) (in)
1/2	59601	200	1.080	0.840	1.437
3/4	59602	125	1.300	1.050	1.703
1	59603	70	1.590	1.315	2.031
1-1/4	59604	40	2.000	1.660	2.156
1-1/2	59605	30	2.230	1.900	2.281
2	59606	40	2.720	2.375	2.406
2-1/2	59607	20	3.320	2.875	3.187
3	59608	40	4.000	3.500	3.437
3-1/2	59609	30	4.500	4.000	3.625
4	59610	20	5.000	4.500	3.750
5	59611	10	6.120	5.565	4.187
6	59612	8	7.370	6.625	4.562

Listed to UL651



5° Couplings

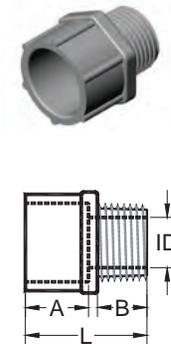
Trade Size	Part Number	Unit Quantity	Outside (OD) Diameter (in)	Inside (ID) Diameter (in)	Length (L) (in)
2	802731	20	2.375	2.049	4.0
2-1/2	802732	12	2.875	2.445	5.5
3	802733	25	3.500	3.042	6.0
3-1/2	802734	15	4.000	3.521	7.0
4	802735	15	4.500	3.998	7.0
5	802736	8	5.565	5.018	7.5
6	802737	4	6.625	6.031	11.0



Terminal Adapters

Trade Size	Part Number	Unit Quantity	A (in)	B (in)	Inside (ID) Diameter (in)	Length (L) (in)
1/2	59615	200	0.750	0.700	0.591	1.550
3/4	59616	125	1.000	0.675	0.790	1.750
1	59617	70	1.115	0.625	1.000	1.860
1-1/4	59618	40	1.300	0.640	1.311	2.125
1-1/2	59619	30	1.425	0.725	1.530	2.250
2	59620	40	1.150	0.800	1.970	2.100
2-1/2	59621	20	1.900	0.800	2.346	2.930
3	59622	40	2.000	0.815	2.915	3.055
3-1/2	59623	30	1.715	1.000	3.385	3.055
4	59624	20	1.990	0.815	3.850	3.215
5	59625	10	2.000	1.725	5.015	5.985
6	59626	8	2.130	1.875	6.025	6.500

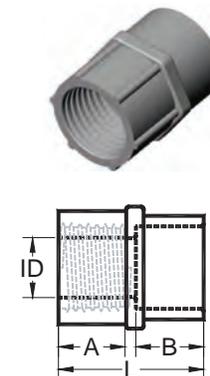
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Female Adapters - NPT Tapered Thread

Trade Size	Part Number	Unit Quantity	A (in)	B (in)	Inside (ID) Diameter (in)	Length (L) (in)
1/2	59630	200	0.800	0.825	0.620	1.725
3/4	59631	125	0.800	1.000	0.820	1.900
1	59632	70	1.000	1.200	1.065	2.300
1-1/4	59633	40	1.015	1.300	1.395	2.425
1-1/2	59634	30	1.050	1.290	1.575	2.440
2	59635	40	1.075	1.375	2.050	2.550
2-1/2	59636	20	1.675	1.985	2.470	3.760
3	59637	40	1.630	2.150	3.090	4.100
3-1/2	59638	30	1.800	2.000	3.540	3.985
4	59639	20	1.755	2.185	4.025	4.210
5	59640	10	2.065	3.000	5.035	5.240
6	59641	8	2.065	3.000	6.045	5.235

Listed to UL651



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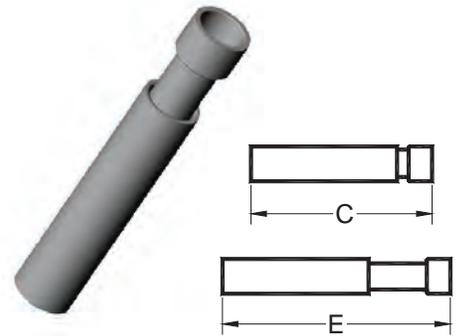
Please contact your Allied representative or distributor for details.

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

PVC Expansion Couplings, Straps, Meter Accessories

Expansion Couplings - Two Piece

Trade Size	Part Number	Unit Quantity	Expanded (E) (in)	Contracted (C) (in)	Travel (in)
1/2*	789646	25	12.00	8.00	4.00
3/4	789647	10	12.00	8.00	4.00
1	789648	10	12.50	8.50	4.00
1-1/4	789649	5	13.00	9.00	4.00
1-1/2	789650	5	13.00	9.00	4.00
2	789651	25	13.25	9.25	4.00
2-1/2*	789652	12	13.25	9.25	4.00
3	789653	12	22.25	14.25	8.00
3-1/2*	789654	6	22.25	14.25	8.00
4	789655	6	22.25	14.25	8.00
5*	789656	1	22.25	14.25	8.00
6	789657	1	22.25	14.25	8.00



Third-party certified to UL 651 except for trade sizes marked with an asterisk*

Pipe Straps* - PVC - 2 Hole

Trade Size	Part Number	Unit Quantity
1/2	59280	300
3/4	59281	200
1	59282	200
1-1/4	59283	200
1-1/2	59284	200
2	59285	200



Listed to UL651

Meter Hubs

Trade Size	Part Number	Unit Quantity
1-1/4	802801	50
1-1/2	802802	25
2	802803	50



Listed to UL651

Meter Offsets

Trade Size	Part Number	Unit Quantity
1-1/4	59193	15
2	59194	8



Listed to UL651

Service Entrance Fittings

Trade Size	Part Number	Unit Quantity
1/2	59269	10
3/4	59270	10
1	59271	20
1-1/4	59272	20
1-1/2	59273	20
2	59274	5
2-1/2*	59275	5
3	59276	5
3-1/2*	59277	5
4	59278	1



Listed to UL651

Pulling Elbow

Trade Size	Part Number	Unit Quantity
1/2	52400	75
3/4	52401	50



Listed to UL651

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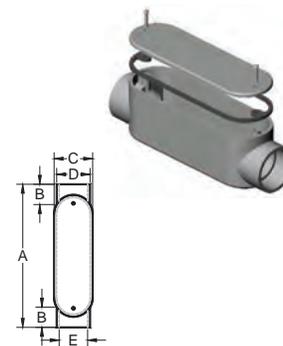
Please contact your Allied representative or distributor for details.
NOTE: Special orders are non-cancelable, non-returnable and non-refundable.

PVC Access Fittings

Type C

Trade Size	Part Number	Unit Quantity	A (in)	B (in)	C (in)	D (in)	E (in)
1/2	59260	25	5.606	0.639	1.268	1.100	0.840
3/4	59261	15	5.606	0.810	1.536	1.325	1.050
1	59262	10	6.500	0.910	1.700	1.600	1.335
1-1/4	59263	10	7.900	1.050	2.300	2.250	1.100
1-1/2	59264	10	8.500	1.125	2.675	2.250	1.900
2	59265	5	10.875	1.160	3.188	2.820	2.375
2-1/2	59266	5	14.600	1.750	4.500	3.950	2.870
3	59267	5	14.600	1.900	4.500	3.950	3.510
3-1/2	59268	4	17.040	2.125	5.536	5.000	4.000
4	59279	4	17.040	2.125	5.536	5.000	4.530

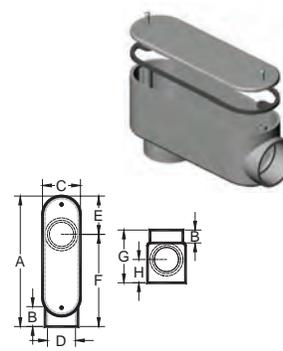
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Type LB

Trade Size	Part Number	Unit Quantity	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)	H (in)
1/2	59200	25	4.337	0.639	1.268	0.840	1.297	4.095	2.487	1.005
3/4	59201	15	5.395	0.810	1.536	1.050	1.297	4.095	2.487	1.005
1	59202	10	6.250	0.910	1.700	1.335	1.500	4.750	2.075	1.125
1-1/4	59203	10	7.625	1.050	2.300	1.100	1.750	5.750	3.575	1.562
1-1/2	59204	10	8.250	1.125	2.675	1.900	1.750	6.500	3.938	1.656
2	59205	5	10.531	1.160	3.188	2.375	2.344	8.156	4.535	1.968
2-1/2	59206	5	13.630	1.750	4.500	2.870	3.805	9.825	6.240	2.610
3	59207	5	13.630	1.900	4.500	3.510	2.733	10.897	6.240	2.610
3-1/2	59208	4	16.000	2.125	5.536	4.000	4.535	11.465	7.500	2.975
4	59209	4	16.000	2.125	5.536	4.530	4.535	11.465	7.500	2.975

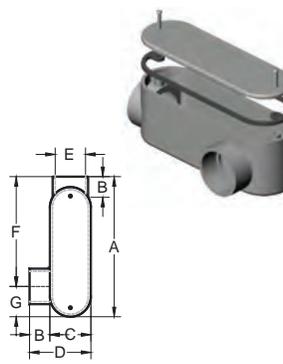
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Type LL

Trade Size	Part Number	Unit Quantity	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)
1/2	59210	25	4.337	0.639	1.268	2.487	0.840	4.095	1.297
3/4	59211	15	5.395	0.810	1.536	2.487	1.050	4.095	1.297
1	59212	10	6.250	0.910	1.700	2.075	1.335	4.750	1.500
1-1/4	59213	10	7.625	1.050	2.300	3.575	1.100	5.750	1.750
1-1/2	59214	10	8.250	1.125	2.675	3.938	1.900	6.500	1.750
2	59215	5	10.531	1.160	3.188	4.535	2.375	8.156	2.344
2-1/2	59216	5	13.630	1.750	4.500	6.240	2.870	9.825	3.805
3	59217	5	13.630	1.900	4.500	6.240	3.510	10.897	2.733
3-1/2	59218	4	16.000	2.125	5.536	7.500	4.000	11.465	4.535
4	59219	4	16.000	2.125	5.536	7.500	4.530	11.465	4.535

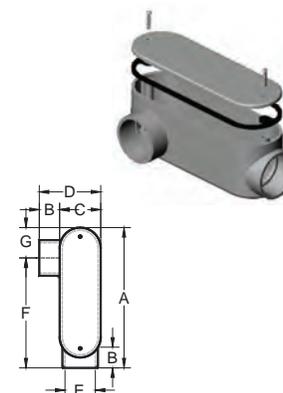
Listed to UL651



Type LR

Trade Size	Part Number	Unit Quantity	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)
1/2	59220	25	4.337	0.639	1.268	2.487	0.840	4.095	1.297
3/4	59221	15	5.395	0.810	1.536	2.487	1.050	4.095	1.297
1	59222	10	6.250	0.910	1.700	2.075	1.335	4.750	1.500
1-1/4	59223	10	7.625	1.050	2.300	3.575	1.100	5.750	1.750
1-1/2	59224	10	8.250	1.125	2.675	3.938	1.900	6.500	1.750
2	59225	5	10.531	1.160	3.188	4.535	2.375	8.156	2.344
2-1/2	59226	5	13.630	1.750	4.500	6.240	2.870	9.825	3.805
3	59227	5	13.630	1.900	4.500	6.240	3.510	10.897	2.733
3-1/2	59228	4	16.000	2.125	5.536	7.500	4.000	11.465	4.535
4	59229	4	16.000	2.125	5.536	7.500	4.530	11.465	4.535

Listed to UL651



PVC Conduit & Fittings are not available in all markets.

Please contact your Allied representative or distributor for details.

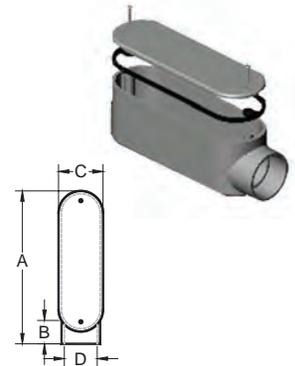
NOTE: Special orders are non-cancelable, non-returnable and non-refundable.

PVC Access Fittings

Type E

Trade Size	Part Number	Unit Quantity	A (in)	B (in)	C (in)	D (in)
1/2	59090	30	4.337	0.639	1.268	0.840
3/4	59091	20	5.395	0.810	1.536	1.050
1	59092	15	6.250	0.910	1.700	1.335
1-1/4	59093	20	7.625	1.050	2.300	1.100
1-1/2	59094	10	8.250	1.125	2.675	1.900
2	59095	15	10.531	1.160	3.188	2.375
2-1/2	59296	4	13.630	1.750	4.500	2.870
3	59297	4	13.630	1.900	4.500	3.510
3-1/2	59298	4	16.000	2.125	5.536	4.000
4	59299	4	16.000	2.125	5.536	4.530

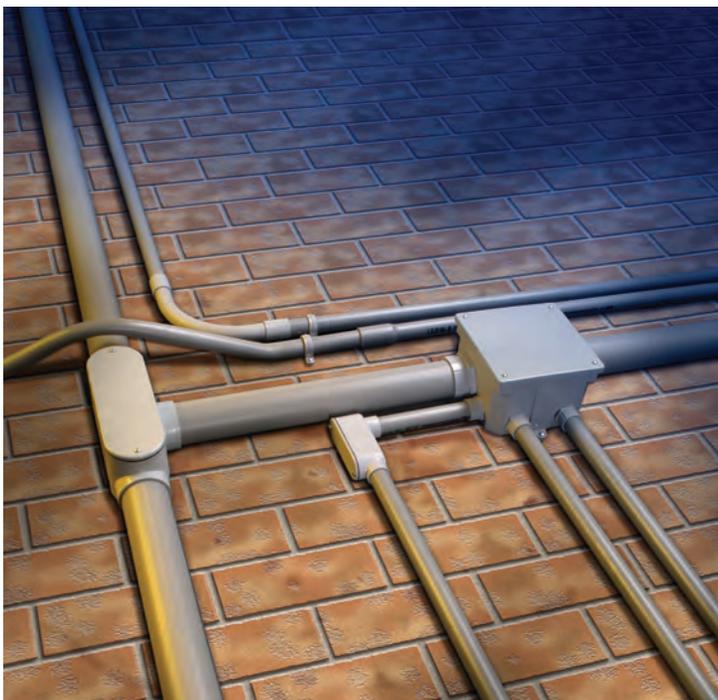
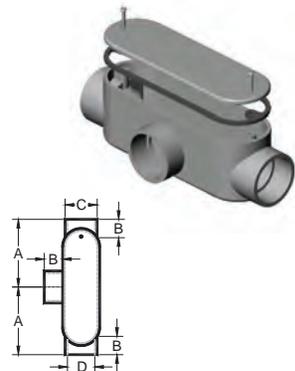
Listed to UL651



Type T

Trade Size	Part Number	Unit Quantity	A (in)	B (in)	C (in)	D (in)
1/2	59230	25	2.280	0.639	1.100	0.840
3/4	59231	15	2.803	0.810	1.325	1.050
1	59232	10	3.250	0.910	1.600	1.335
1-1/4	59233	10	3.950	1.050	2.250	1.100
1-1/2	59234	10	4.250	1.125	2.250	1.900
2	59235	5	5.438	1.160	2.820	2.375
2-1/2	59236	2	7.300	1.750	3.950	2.870
3	59237	2	7.300	1.900	3.950	3.510
3-1/2	59238	1	8.535	2.125	5.000	4.000
4	59239	1	8.535	2.125	5.000	4.530

Listed to UL651



PVC Conduit & Fittings are not available in all markets.

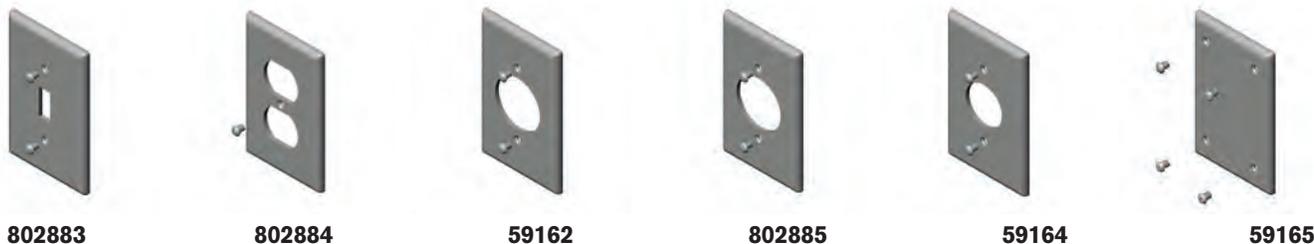
Please contact your Allied representative or distributor for details.

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

www.alliedeg.com

PVC Cover Plates

Single Gang Cover Plates - F Series



Description	Part Number	Unit Quantity
Toggle Switch	802883	100
Duplex Receptacle	802884	100
Single Receptacle - 15 Amp	59162	100
Single Receptacle - 20 Amp	802885	100
Single Receptacle - 30 Amp	59164	100
Single Blank with Gasket	59165	50

Listed to UL651

Double Gang Cover Plates - F Series



Description	Part Number	Unit Quantity
Double Switch	59156	50
Combo Switch/Receptacle	802904	50
Double Duplex	802905	50
Double Blank with Gasket	59159	50

Listed to UL651

Triple Gang Cover Plates - F Series



Description	Part Number	Unit Quantity
Triple Switch	802909	50
Double Switch/Receptacle	802914	50
Double Receptacle/Switch	802915	50
Triple Receptacle	802916	50
Triple Blank with Gasket	802917	50

Listed to UL651

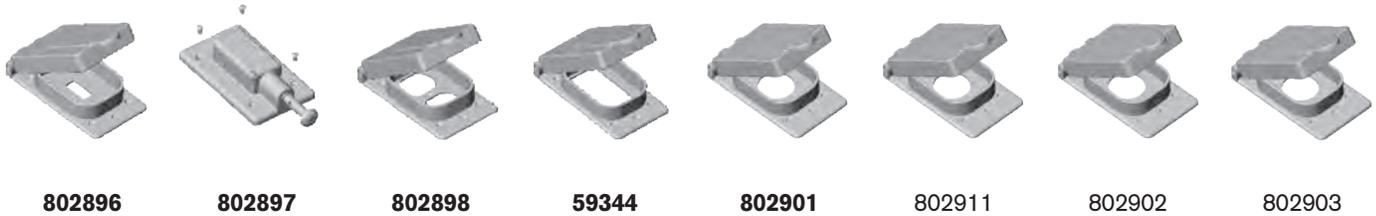
PVC Conduit & Fittings are not available in all markets.

Please contact your Allied representative or distributor for details.

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

PVC Weatherproof Box Covers

Single Gang Box Covers



Description	Part Number	Unit Quantity
Toggle Switch	802896	10
Plunger Switch	802897	10
Duplex Receptacle	802898	10
GFI Receptacle	59344	10
Receptacle - 15 Amp	802901	10
Receptacle - 20 Amp	802911	10
Receptacle - 30 Amp	802902	10
Receptacle - 50 Amp	802903	10

Listed to UL651

Double Gang Box Covers



Description	Part Number	Unit Quantity
Toggle Switch	802906	10
Combo Switch/Receptacle	59142	10
Combo Switch/GFI	802907	10

Listed to UL651

PVC Conduit & Fittings are not available in all markets.

Please contact your Allied representative or distributor for details.

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

PVC Exposed Boxes

Single Gang Boxes - F Series



FS FSS FSC FSCC

Description	Part Number	Unit Quantity	Volume (in ³)
1/2" FS	59240	10	17.0
3/4" FS	59241	10	17.0
1/2" FSS	59243	10	17.5
3/4" FSS	59244	10	17.5
1/2" FSC	59246	10	16.3
3/4" FSC	59247	10	16.3
1/2" FSCC	59345	10	17.0
3/4" FSCC	59346	10	17.0

Listed to UL651

Double Gang Boxes - F Series



FS FSS FSC FSCC BLANK

Description	Part Number	Unit Quantity	Volume (in ³)
Outside Dimensions: Length = 4.5", Width = 4.75", Height = 2.5", except BLANK, L = 4.75", W = 4.75", H = 3.0"			
1/2" FS	802861	5	39.5
3/4" FS	802862	5	39.5
1" FS	59153	5	39.5
1/2" FSS	802864	5	37.0
3/4" FSS	802865	5	37.0
1" FSS	59348	5	37.0
1/2" FSC	802867	5	37.0
3/4" FSC	802868	5	37.0
1" FSC	802869	5	37.0
1/2" FSCC	802870	5	36.0
3/4" FSCC	802871	5	36.0
1" FSCC	59349	5	36.0
BLANK	59155	5	52.0

Listed to UL651

Triple Gang Boxes - F Series



FS FSC BLANK

Description	Part Number	Unit Quantity	Volume (in ³)
Outside Dimensions: Length = 4.5", Width = 6.6", Height = 2.5", except BLANK, L = 4.5", W = 6.6", H = 3.0"			
1/2" FSC	802874	10	56.0
3/4" FSC	802876	10	56.0
1" FSC	59146	10	56.0
1/2" FS	802878	10	54.0
3/4" FS	802879	10	54.0
1" FS	802880	10	54.0
BLANK	802881	10	73.8

PVC Conduit & Fittings are not available in all markets.

Please contact your Allied representative or distributor for details.

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

PVC Exposed Boxes

Octagonal Boxes

Size (in)	Part Number	Unit Quantity
4 x 1-1/2	802804	20
4 x 2	802805	12
3/4 KO PLUG	802806	1
1 KO PLUG	802807	1

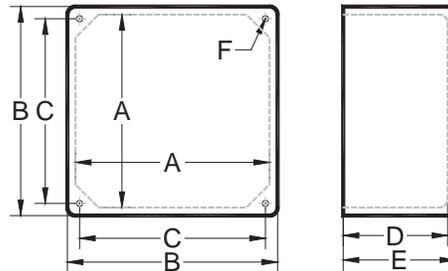
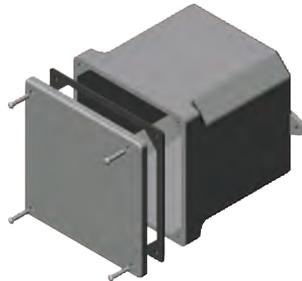
Listed to UL651



Octagonal Box Extension Rings

Size (in)	Part Number	Unit Quantity
1	802808	20
2	802809	20

Listed to UL651



Junction Boxes with Gasket

Nominal Size (in)	Part Number	Unit Quantity	Inside Length & Width (A) (in)	Outside Length Width (B) (in)	Length Screw to Screw (C) (in)	Outside Height (E) (in)	Inside Height (D) (in)	Screw Size (F)	Volume (in ³)
4 x 4 x 2	59250	10	3.675	4.000	3.450	2.125	2.000	8-32	25.4
4 x 4 x 4	59251	10	3.675	4.000	3.450	4.188	3.750	8-32	47.5
4 x 4 x 6	59252	10	3.675	4.000	3.450	6.225	6.000	8-32	76.1
5 x 5 x 2	59253	10	4.680	5.000	4.485	2.000	1.845	8-32	38.7
6 x 6 x 4	59254	10	6.000	6.375	5.813	4.188	4.000	10-32	139.5
6 x 6 x 6	59255	5	6.000	6.375	5.813	6.188	6.000	10-32	209.3
8 x 8 x 4	59256	5	8.075	8.625	7.996	4.230	4.005	1/4-20	258.6
8 x 8 x 7	59257	4	8.100	8.625	7.996	7.250	7.035	1/4-20	455.6
12 x 12 x 4	59258	2	12.085	12.580	11.874	4.256	4.030	1/4-20	578.3
12 x 12 x 6	59259	2	12.085	12.580	11.874	6.240	6.025	1/4-20	864.6
12 x 12 x 8	802944	3	12.085	12.580	11.874	8.250	8.025	1/4-20	1,151.6

Solid box - no knockouts

Listed to UL651



PVC Conduit & Fittings are not available in all markets.

Please contact your Allied representative or distributor for details.

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

PVC Fittings - Misc., & Solvent Cement

End Cap

Trade Size	Part Number	Unit Quantity
1/2	59645	100
3/4	59646	100
1	59647	50
1-1/4	59648	25
1-1/2	59649	25
2	59125	50
2-1/2	59126	25
3	59127	25
4	59128	25
5	59129	25
6	59130	10



End Bell Molded

Trade Size	Part Number	Unit Quantity
1/2	59673	100
3/4	59674	100
1	59675	50
1-1/4	59676	50
1-1/2	59677	50
2	59678	40
2-1/2	59679	50
3	59680	50
3-1/2	59681	50
4	59682	50
5	59683	25
6	59684	15



Junction Box Adapters

Trade Size	Part Number	Unit Quantity
1/2	33715	100
3/4	33716	100
1	33717	100
1-1/4	33718	50
1-1/2	33719	50
2	33720	25
2-1/2	33721	10
3	33722	10
3-1/2	33723	10
4	33724	10



Reducer Bushings

Trade Size	Part Number	Unit Quantity
3/4 x 1/2	59897	100
1 x 1/2*	802738	300
1 x 3/4	59899	100
1-1/4 x 3/4*	802739	100
1-1/4 x 1*	59901	50
1-1/2 x 1*	802740	50
1-1/2 x 1-1/4*	59903	50
2 x 1*	802741	50
2 x 1-1/4*	802742	25
2 x 1-1/2	59905	25
2-1/2 x 2*	59906	25
3 x 2*	802743	25
3 x 2-1/2*	59909	25
4 x 2*	802744	15
4 x 3*	59908	20
4 x 3-1/2*	59910	20



Poly Plug with Pulling Eye

Trade Size	Part Number	Unit Quantity
2	802918	60
3	802919	30
4	802920	48
5	802921	30
6	802922	30



UL Listed - **Bolded**

* Not UL Listed

Conduit Cement #99

Size	Part Number	Unit Quantity
1/2 Pint	85177	24
Pint	85174	12
Quart	85175	12
Gallon	85176	6



Primer Clear

Size	Part Number	Unit Quantity
1/2 Pint	813088	24
Pint	813085	12
Quart	813087	12
Gallon	813091	6



- Purple primer and gray conduit cement available upon request.
- Contact your Allied Tube & Conduit Electrical Representative for more information

PVC Cross-Reference Chart

	Couplings				Terminal Adapters				Female Adapters			
	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy
1/2	59601	6141623	E940D	078001	59615	5140103	E943D	078084	59630	5140043	E942D	078070
3/4	59602	6141624	E940E	078002	59616	5140104	E943E	078085	59631	5140044	E942E	078071
1	59603	6141625	E940F	078003	59617	5140105	E943F	078086	59632	5140045	E942F	078072
1-1/4	59604	6141626	E940G	078004	59618	5140106	E943G	078087	59633	5140046	E942G	078073
1-1/2	59605	6141627	E940H	078005	59619	5140107	E943H	078088	59634	5140047	E942H	078074
2	59606	6141628	E940J	078006	59620	5140108	E943J	078089	59635	5140048	E942J	078075
2-1/2	59607	6141629	E940K	078007	59621	5140109	E943K	078090	59636	5140049	E942K	078076
3	59608	6141630	E940L	078008	59622	5140110	E943L	078091	59637	5140050	E942L	078077
3-1/2	59609	6141631	E940M	078009	59623	5140111	E943M	078092	59638	5140051	E942M	078078
4	59610	6141632	E940N	078010	59624	5140112	E943N	078093	59639	5140052	E942N	078079
5	59611	6141633	E940P	078012	59625	5140113	E943P	078094	59640	5140053	E942P	078080
6	59612	6141634	E940R	078014	59626	5140114	E943R	078095	59641	5140054	E942R	078081
	Schedule 40 90° Std. Radius Elbows - PE				Schedule 40 45° Std. Radius Elbows - PE				Schedule 40 30° Std. Radius Elbows - PE			
	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy
1/2	59588	5133823	UA9AD	078540	59575	5133763	UA7AD	078552	59561	5133755	UA6AD	078564
3/4	59589	5133824	UA9AE	078541	59576	5133764	UA7AE	078553	59562	5133744	UA6AE	078565
1	59590	5133825	UA9AF	078542	59577	5133765	UA7AF	078554	59563	5133745	UA6AF	078566
1-1/4	59591	5133826	UA9AG	078543	59578	5133766	UA7AG	078555	59564	5133746	UA6AG	078567
1-1/2	59592	5133827	UA9AH	078544	59579	5133767	UA7AH	078556	59565	5133747	UA6AH	078568
2	59593	5133828	UA9AJ	078545	59580	5133768	UA7AJ	078557	59566	5133748	UA6AJ	078569
2-1/2	59594	5133829	UA9AK	078546	59581	5133769	UA7AK	078558	59567	5133749	UA6AK	078570
3	59595	5133830	UA9AL	078547	59582	5133770	UA7AL	078559	59568	5133750	UA6AL	078571
3-1/2	59596	5133831	UA9AM	078548	59583	5133771	UA7AM	078560	59569	5133751	UA6AM	078572
4	59597	5133832	UA9AN	078549	59584	5133772	UA7AN	078561	59570	5133752	UA6AN	078573
5	59598	5133833	UA9AP	078550	59585	5133773	UA7AP	078562	59571	5133753	UA6AP	078574
6	59599	5133834	UA9AR	078551	59586	5133774	UA7AR	078563	59572	5133754	UA6AR	078575
	Schedule 40 90° Std. Radius Elbows - Bell End				Schedule 40 45° Std. Radius Elbows - Bell End				Schedule 40 30° Std. Radius Elbows - Bell End			
	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy
1/2	802752	5233823	UA9ADB	078588	802765	5233763	UA7ADB	078600	802778	-	UA6ADB	-
3/4	802753	5233824	UA9AEB	078589	802767	5233764	UA7AEB	078601	802779	-	UA6AEB	-
1	802754	5233825	UA9AFB	078590	802768	5233765	UA7AFB	078602	802780	-	UA6AFB	-
1-1/4	802755	5233826	UA9AGB	078591	802769	5233766	UA7AGB	078603	802781	-	UA6AGB	-
1-1/2	802756	5233827	UA9AHB	078592	802770	5233767	UA7AHB	078604	802782	-	UA6AHB	-
2	802757	5233828	UA9AJB	078593	802771	5233768	UA7AJB	078605	802783	5233748	UA6AJB	-
2-1/2	802758	5233829	UA9AKB	078594	802772	5233769	UA7AKB	078606	802784	-	UA6AKB	-
3	802759	5233830	UA9ALB	078595	802773	5233770	UA7ALB	078607	802785	5233750	UA6ALB	-
3-1/2	802761	5233831	UA9AMB	078596	802774	5233771	UA7AMB	078608	802786	5233751	UA6AMB	-
4	802762	5233832	UA9ANB	078597	802775	5233772	UA7ANB	078609	802787	5233752	UA6ANB	-
5	802763	5233833	UA9APB	078598	802776	5233773	UA7APB	078610	802788	5233753	UA6APB	-
6	802764	5233834	UA9ARB	078599	802777	5233774	UA7ARB	078611	802789	5233754	UA6ARB	-
	Schedule 80 90° Std. Radius Elbows - PE				Schedule 80 45° Std. Radius Elbows - PE				Schedule 80 30° Std. Radius Elbows - PE			
	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy
1/2	59012	5121053	UB9AD	078620	59000	5121003	UB7AD	078631	59064	5121000	UB6AD	078642
3/4	59013	5121054	UB9AE	078621	59001	5121004	UB7AE	078632	59065	5121001	UB6AE	078643
1	59014	5121055	UB9AF	078622	59002	5121005	UB7AF	078633	59066	5121002	UB6AF	078644
1-1/4	59015	5121056	UB9AG	078623	59003	5121006	UB7AG	078634	59067	5121106	UB6AG	078645
1-1/2	59016	5121057	UB9AH	078624	59004	5121007	UB7AH	078635	59068	5121850	UB6AH	078646
2	59017	5121058	UB9AJ	078625	59005	5121008	UB7AJ	078636	59069	5121108	UB6AJ	078647
2-1/2	59018	5121059	UB9AK	078626	59006	5121009	UB7AK	078637	59070	5121109	UB6AK	078648
3	59019	5121060	UB9AL	078627	59007	5121010	UB7AL	078638	59071	5121110	UB6AL	078649
4	59021	5121061	UB9AN	078628	59009	5121011	UB7AN	078639	59072	5121111	UB6AN	078650
5	59022	5121062	UB9AP	078629	59010	5121012	UB7AP	078640	59073	5121112	UB6AP	078651
6	59023	5121063	UB9AR	078630	59011	5121013	UB7AR	078641	59074	5121113	UB6AR	078652
	Access Fittings - Type C				Access Fittings - Type LB				Access Fittings - Type LL			
	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy
1-1/2	59260	5133101	E987D	078116	59200	5133663	E986D	078140	59210	5133660	E984D	078152
3/4	59261	5133102	E987E	078117	59201	5133664	E986E	078141	59211	5133661	E984E	078153
1	59262	5133103	E987F	078118	59202	5133665	E986F	078142	59212	5133662	E984F	078154
1-1/4	59263	5133104	E987G	078119	59203	5133666	E986G	078143	59213	5133663	E984G	078155
1-1/2	59264	5133105	E987H	078120	59204	5133667	E986H	078144	59214	5133664	E984H	078156
2	59265	5133106	E987J	078121	59205	5133668	E986J	078145	59215	5133667	E984J	078157
2-1/2	59266	5133108	-	078122	59206	5133669	E986K	078146	59216	5133644	-	078158
3	59267	5133107	-	078123	59207	5133670	E986L	078147	59217	5133646	-	078159
3-1/2	59268	5133110	-	078124	59208	5133671	E986M	078148	59218	5133640	-	078160
4	59279	5133109	-	078125	59209	5133672	E986N	078149	59219	5133645	-	078161
	Access Fittings - Type E				Access Fittings - Type T				Access Fittings - Type LR			
	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy	Allied	Cantex	Carlton	Kraloy
1/2	59090	5133151	E988D	078128	59230	5133563	E983D	078176	59220	5133650	E985D	078164
3/4	59091	5133152	E988E	078129	59231	5133564	E983E	078177	59221	5133651	E985E	078165
1	59092	5133153	E988F	078130	59232	5133565	E983F	078178	59222	5133652	E985F	078166
1-1/4	59093	5133154	E988G	078131	59233	5133566	E983G	078179	59223	5133653	E985G	078167
1-1/2	59094	5133155	E988H	078132	59234	5133567	E983H	078180	59224	5133654	E985H	078168
2	59095	5133156	E988J	078133	59235	5133568	E983J	078181	59225	5133655	E985J	078169
2-1/2	59296	5133157	-	078134	59236	5133569	-	078182	59226	5133658	-	078170
3	59297	5133158	-	078135	59237	5133570	-	078183	59227	5133656	-	078171
3-1/2	59298	5133160	-	078136	59238	5133572	-	078184	59228	5133659	-	078172
4	59299	5133159	-	078137	59239	5133571	-	078185	59229	5133657	-	078173

PVC Conduit & Fittings are not available in all markets.
 Please contact your Allied representative or distributor for details.
 NOTE: Special orders are non-cancelable, non-returnable and non-refundable.

Warranty

Warranties. Seller warrants the products will meet Underwriter's Laboratory (UL) specifications if such products are UL listed. No warranty is given for products or components that have been (i) manufactured by companies other than Seller; (ii) subject to misuse, improper installation, corrosion, or negligence; (iii) disassembled, modified or repaired by unauthorized persons; (iv) used in any manner contrary to Seller's instructions or recommendations; or (v) subject to (1) corrosion beyond normal weathering; (2) corrosion caused by disruption of any product coating after production; (3) corrosion occurring at points in the product that have been drilled, cut or welded; or (4) corrosion occurring in unusual or highly corrosive soil, environmental or industrial conditions (in case of corrosion under this subsection (v)(4), Seller's limited obligation is to ensure that the product complies with its published specifications). SELLER DISCLAIMS ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ANY WARRANTY THAT THE PRODUCTS WILL CONFORM TO ANY SAMPLES, ANY WARRANTY THAT THE PRODUCTS WILL NOT DISCOLOR OR THE TEXTURE OR FINISH WILL NOT CORRODE OR DETERIORATE, ANY WARRANTY RELATED TO THE FAILURE OF ANY SOLVENT WELD JOINT OR DEFECTIVE SOLVENT USED IN MAKING ANY SUCH JOINT (EXCLUDING SOLVENT WELDS MADE BY SELLER), AND ANY WARRANTY REGARDING ANY ANCILLARY SERVICES RENDERED.

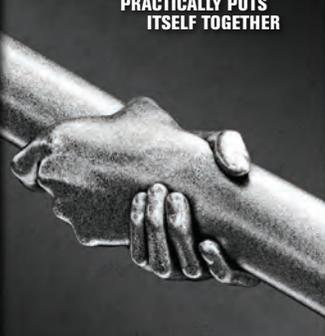
Remedy and Limitation of Liability. If the products do not comply with the warranties set forth above, Buyer must provide prompt written notice to Seller of the non-conformance in reasonably sufficient detail (and such other detail as Seller requests) and must comply with Seller's instructions and policies regarding the non-conforming product. Buyer must provide such notice within 30 days of receipt of the products. Seller's liability will terminate upon expiration of the notice period. Seller's sole liability for non-conforming products will be to repair or replace the non-conforming product or return the purchase price paid therefore, at Seller's sole option. Buyer will bear all disassembly, shipment and reinstallation costs of repaired or replaced products. IN NO EVENT WILL SELLER BE LIABLE IN CONTRACT, TORT, STRICT LIABILITY OR OTHERWISE FOR INCIDENTAL, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES, REGARDLESS OF WHETHER SELLER WAS INFORMED OF THE POSSIBILITY OF SUCH DAMAGES, AND IN NO EVENT WILL SELLER'S LIABILITY EXCEED AN AMOUNT EQUAL TO THE SALES PRICE OF THE PRODUCTS.

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HEAVY ON SAVINGS**

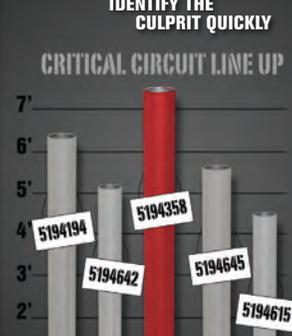


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Up to 30% lighter in weight
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Conduit Systems

Steel Conduit

- E-Z Pull® & True Color™ EMT
- EMT Elbows
- IMC
- Rigid (GRC)
- GRC Elbows, Nipples & Couplings

Kwik Products

- Kwik-Fit® EMT (built-in set-screw coupling)
- Kwik-Couple® IMC/GRC (built-in rotating coupling)
- Kwik-Fit® Compression EMT

Aluminum Conduit

- Rigid
- Aluminum Elbows
- Aluminum Couplings

PVC

- Schedule - 40 & 80 Rigid PVC
- EB/DB Duct
- PVC Elbows
- Fittings, Spacers & Accessories



Conduit Systems Canada

All items listed above, plus
 • Aluminum Nipples
 and **except** for the following:

- IMC
- Kwik-Couple IMC
- PVC

Cable Systems

AC & MC Cable

- MC TUFF® Lightweight Steel (MC) Cable
- MC TUFF® IG (MC) Cable with Isolated Ground
- MC Lite® Metal Clad Aluminum (MC) Cable
- MC-Quik® (MC) Cable
- MC-Stat® (MC) Cable
- MC-Plus® (MC) Cable
- HCF-90® & HCF-Lite™
- AC-90® & AC-Lite™
- Fire Alarm® Cable
- Home Run Cable®
- Parking Deck/Lot Cable®
- Super Neutral Cable®

Flexible Conduit

- LIQUID-TUFF® Liquid-Tight Flexible Conduit
- Full and Reduced Wall Flexible Metal Conduit

Fittings

- EMT Steel Compression & Set-Screw Fittings
- Liquid-Tight Metallic & Non-Metallic Fittings
- MC/AC Cable Connectors

AFC Accessories

- Light, Power, & Appliance Whips
- Temp-Lites™
- Bare Armored Ground



Modular Wiring Systems

ACS/Uni-Fab

- Modular Lighting Systems
- Raised Floor Assemblies
- Pre-Fab Assemblies

Framing Systems

Channel

- Steel Channel
- Aluminum Channel
- Stainless Steel Channel
- Fiberglass Channel
- Junior Channel

Fittings & Accessories

- Channel Brackets
- Channel Fittings
- Pipe Clamps
- Threaded Rods
- Fiberglass Fittings
- Junior Channel Fittings
- Concrete Inserts
- Slotted Angles

Finishes

- Pre-Galvanized Channel
- Green Channel
- Hot-Dip Galv. Channel
- Gold Channel

Solar Products



Framing Systems

All items listed above, **plus** the following:

- Gratings
- Roof Walks
- Solar Products
- Telestrut® Telescoping Strut System
- UniPier® Rooftop Supports

Cable Tray Systems

Aluminum Tray

- Aluminum Ladder Tray
- Aluminum Trof Tray
- Aluminum Channel
- Aluminum Fittings

Steel Tray

- Steel Ladder Tray
- Steel Trof Tray
- Steel Channel
- Steel Fittings

I-Beam™ Cable Tray

- I-BEAM™ Aluminum Tray
- I-BEAM™ Accessories

Fiberglass Tray

- Cope-glas™ Fiberglass Tray
- Fiberglass Fittings

Other Cope Products

- Cable Channel

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- Wire Basket Tray
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Construction



TECTRON Tube



SprinkFLEX

KAF-TECH



EMT Conduit - Standard: Steel, Galvanized, 2 in Trade Size, 10 ft Nominal Lg

Item **5ZM23** Mfr. Model **583245**

Web Price *i*

\$81.25 / each

This item requires special shipping, additional charges may apply.

Qty
1

Add to Cart

Ship

Pickup

Expected to arrive **Tue. Jun 17.**

Ship to **77373** | [Change](#)

Shipping Weight **14 lbs**

[Ship Availability Terms](#)

[Add to List](#)

Product Details

Catalog Page [291](#)

Brand **ALLIED**

Color **Gray**

Conduit Style **Conduit**

Conduit Type **EMT**

Finish **Galvanized**

Inside Diameter **2.06 in**

Material **Steel**

Nominal Length **10 ft**

Outside Diameter **2.19 in**

Documents

[Dimensional Drawing](#)

[Grainger Approved Electrical Conduit Selection Guide](#)

Alternate Products *i*



[Chat with an Agent](#)

Standards **UL**

Trade Size **2 in**

Wall Thickness **0.06 in**

Manufacturer Part Number **583245**

UNSPSC **39121202**

Country of Origin **USA (subject to change)**

Product Description

Standard EMT conduit is ideal for general purpose installations in industrial and commercial applications. It's lightweight and has a smooth, internal surface for routing and protecting runs of wire and cable. Fittings may be attached to join lengths of this conduit together, or to connect it to electrical boxes and enclosures.

Beam Clip with Conduit & Pipe Hanger, Hammer-On: 14/2 AWG to 10/4 AWG, 3/8 in Trade Size, Black

Item **4RHU8**

Web Price 

\$4.68 / each

Qty
1

Add to Cart

Compatible Products



Angler Conduit Clamp: Steel, Electroplated, 2 in Conduit Trade Size

Item **1PLA6**

Web Price 

\$92.97 / pkg. of 10

Qty
1

Add to Cart



Conduit & Cable Hanger - Screw-On: Galvanized, 2 in Trade Size, CD5B

Item **2KWP7**

Web Price 

\$4.20 / each

Qty
1

Add to Cart



Beam Clip with Conduit & Pipe Hanger, Hammer-On: 2 in Trade Size, 75 lb Load Capacity, Gray

Item **2KWT2**

Web Price 

\$8.30 / each

Qty
1

Add to Cart



RACO Threaded Chase Nipple: 2 in Trade Size, Zinc, 1 5/32 in Overall Lg, Chase Closed Nipple

Item **3LP53**

Web Price 

\$10.40 / each

Qty
1

Add to Cart

FI\$Cal SCPRS Details

Detailed Information 

Department: 5225 - Dept of Corrections & Rehab	LPA ID: 7-18-51-02
Purchase Document #: 4500701807	Version #: 0
Transaction Status: Active	Bill Code: 017487
Start Date: 20/08/2024	Acquisition Type: NON-IT Goods
End Date: 20/08/2024	Acquisition Method: Cooperative Agreements
Supplier: WW GRAINGER INC Prime/Subcontracting Details	Merchandise Amount: \$1,111,60
Buyer Name: Kimberlee Meier kimberlee.meier@cdcr.ca.gov	Freight/Tax/Misc: \$91,71
	Grand Total: \$1,203,31

Purchase Document Line Item Details 

Line #	Item ID	Item Description	UNSPSC	UNSPSC Description	Unit of Measure	Quantity	Unit Price	Line Total	Line Status	EPP/SABRC
1	N/A	EMT Conduit-Standard, Steel, Trd Sz 2in Item# 5ZM23	27112503	Hand Tools - Prying & bending tools - Conduit Benders	Each	10,00	\$64,93	\$649,30	Active	EPP/SABRC
2	N/A	Hubbell Receptacle, Single, Black, 50A 2P3W, Back; Side, 1PK Item# 5Z897	39121406	Electrical equipment & components - Electrical lugs plugs & connectors - Electrical receptacles	Each	6,00	\$63,26	\$379,56	Active	EPP/SABRC
3	N/A	Electrical Box Cover, 30-50A Item# 3LR94	39121303	Electrical boxes enclosures fittings & accessories - Electrical boxes	Each	6,00	\$13,79	\$82,74	Active	EPP/SABRC



EMT Conduit - Standard: Steel, Galvanized, 2 in Trade Size, 10 ft Nominal Lg

Item **5ZM23** Mfr. Model **583245**

Web Price *i*

\$81.25 / each

This item requires special shipping, additional charges may apply.

Qty
1

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Ship

Pickup

Expected to arrive **Tue. Jun 17.**

Ship to **77373** | [Change](#)

Shipping Weight **14 lbs**

[Ship Availability Terms](#)

[Add to List](#)

Product Details

Catalog Page [291](#)

Brand **ALLIED**

Color **Gray**

Conduit Style **Conduit**

Conduit Type **EMT**

Finish **Galvanized**

Inside Diameter **2.06 in**

Material **Steel**

Nominal Length **10 ft**

Outside Diameter **2.19 in**

Documents

[Dimensional Drawing](#)

[Grainger Approved Electrical Conduit Selection Guide](#)

Alternate Products *i*



[Chat with an Agent](#)

Standards **UL**

Trade Size **2 in**

Wall Thickness **0.06 in**

Manufacturer Part Number **583245**

UNSPSC **39121202**

Country of Origin **USA (subject to change)**

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Standard EMT conduit is ideal for general purpose installations in industrial and commercial applications. It's lightweight and has a smooth, internal surface for routing and protecting runs of wire and cable. Fittings may be attached to join lengths of this conduit together, or to connect it to electrical boxes and enclosures.

Beam Clip with Conduit & Pipe Hanger, Hammer-On: 14/2 AWG to 10/4 AWG, 3/8 in Trade Size, Black

Item **4RHU8**

Web Price 

\$4.68 / each

Qty
1

Add to Cart

Compatible Products



Angler Conduit Clamp: Steel, Electroplated, 2 in Conduit Trade Size

Item **1PLA6**

Web Price 

\$92.97 / pkg. of 10

Qty
1

Add to Cart



Conduit & Cable Hanger - Screw-On: Galvanized, 2 in Trade Size, CD5B

Item **2KWP7**

Web Price 

\$4.20 / each

Qty
1

Add to Cart



Beam Clip with Conduit & Pipe Hanger, Hammer-On: 2 in Trade Size, 75 lb Load Capacity, Gray

Item **2KWT2**

Web Price 

\$8.30 / each

Qty
1

Add to Cart



RACO Threaded Chase Nipple: 2 in Trade Size, Zinc, 1 5/32 in Overall Lg, Chase Closed Nipple

Item **3LP53**

Web Price 

\$10.40 / each

Qty
1

Add to Cart

EMT & CONDUIT





EMT & CONDUIT

Quality, durability and efficiency for every electrical installation

Since 1931, Wheatland Tube has manufactured high-quality electrical conduit that meets your needs, deadlines and budget. We rigorously test each product to adhere to the standard specifications your installations require. Our complete production capabilities and quality control programs ensure consistency. And we're proud that every product in our electrical line is made in the USA.

At Wheatland, we help you maximize efficiency and minimize cost in every installation. Our rigid aluminum conduit, rigid metal conduit (RMC) and intermediate metal conduit (IMC) come with couplings supplied on one end and color-coded thread protectors on the other. In addition to our standard 10' lengths, we offer 20' EMT to give you the perfect fit for every installation. We also produce a line of time-saving products to help you work faster and smarter without sacrificing quality.

For more information, call **800.257.8182** or visit **wheatland.com**

Designed to provide long-lasting protection

EMT

Our EMT is made from mild strip steel in state-of-the-art ERW mills using the industry's leading in-line galvanizing process, and our proprietary ID coating ensures corrosion resistance and easy wire pulling.

EMT complies with:

- ✓ UL-797
- ✓ ANSI C80.3
- ✓ Federal specification WW-C-563 (replaced by UL®)
- ✓ NEC® Article 358
- ✓ NFPA 70: NEC 250.118 (4)

RMC

Our rigid metal conduit (RMC) is hot-formed using North America's only continuous-weld tube line. Its uniform grain improves durability and saves you time when threading, bending and cutting.

RMC complies with:

- ✓ UL-6
- ✓ ANSI C80.1
- ✓ Federal specification WW-C-581 (replaced by UL)
- ✓ NEC Article 344
- ✓ NFPA 70: NEC 250.118 (2)
- ✓ ANSI/ASME B1.20.1

IMC

Our IMC is cold-formed and in-line galvanized in our ERW mills, and also features our proprietary ID coating. It offers a lighter-weight alternative to RMC while providing an outstanding level of protection.

IMC complies with:

- ✓ UL-1242
- ✓ ANSI C80.6
- ✓ Federal specification WW-C-581 (replaced by UL)
- ✓ NEC Article 342
- ✓ NFPA 70: NEC 250.118 (3)
- ✓ ANSI/ASME B1.20.1

ALUMINUM

Our rigid aluminum conduit is made from "marine grade" 6063 aluminum alloy, T-1 temper, delivering exceptional strength and corrosion resistance, and the lightweight design allows for easy installation.

Rigid aluminum conduit complies with:

- ✓ UL-6A
- ✓ ANSI C80.5
- ✓ NEC Article 344
- ✓ ANSI/ASME B1.20.1

Wheatland electrical product features

- Proprietary ID coating for fast wire-pulling performance
- Corrosion resistance
- 10' lengths, with special lengths available
- Steel couplings produced in-house
- Accurate circular cross sections

- Uniform wall thickness
- Interior surface free from defects injurious to conductors
- Contain recycled material
- Recyclable
- Long life

Ask about our time-saving products and full line of EC&N!

EMT WEIGHTS, DIMENSIONS AND PACKAGING (10' LENGTHS)

TRADE SIZE	WEIGHT/100 FT.		MASTER BUNDLE QUANTITY		MASTER BUNDLE WEIGHT		OUTSIDE DIAMETER		INSIDE DIAMETER*	
	lbs.		Pieces	ft.	lbs.		in.	mm	in.	mm
½	30		700	7000	2100		0.706	17.93	0.622	15.80
¾	46		500	5000	2300		0.922	23.42	0.824	20.93
1	67		300	3000	2010		1.163	29.54	1.049	26.64
1¼	101		200	2000	2020		1.510	38.35	1.380	35.05
1½	116		150	1500	1740		1.740	44.20	1.610	40.89
2	148		120	1200	1776		2.197	55.80	2.067	52.50
2½	216		61	610	1317.6		2.875	73.03	2.731	69.37
3	263		51	510	1341.3		3.500	88.90	3.356	85.24
3½	349		37	370	1291.3		4.000	101.60	3.834	97.38
4	393		30	300	1179		4.500	114.30	4.334	110.08

* For information only; not a UL-797 requirement.

Silver (traditional galvanized EMT) is available from stock ½-4. Minimum order quantities may apply.

EMT WEIGHTS, DIMENSIONS AND PACKAGING (20' LENGTHS)

TRADE SIZE	WEIGHT/100 FT.		MASTER BUNDLE QUANTITY		MASTER BUNDLE WEIGHT		OUTSIDE DIAMETER		INSIDE DIAMETER*	
	lbs.		Pieces	ft.	lbs.		in.	mm	in.	mm
½	30		350	7000	2100		0.706	17.93	0.622	15.80
¾	46		250	5000	2300		0.922	23.42	0.824	20.93
1	67		153	3060	2050		1.163	29.54	1.049	26.64
1¼	101		120	2400	2424		1.510	38.35	1.380	36.05
1½	116		120	2400	2784		1.740	44.20	1.610	40.89
2	148		120	2400	3552		2.197	55.80	2.067	52.50
2½	216		61	1220	2635		2.875	73.03	2.731	69.37
3	263		51	1020	2683		3.500	88.90	3.356	85.24
3½	349		37	740	2583		4.000	101.60	3.834	97.38
4	393		30	600	2358		4.500	114.30	4.334	110.08

* For information only; not a UL-797 requirement.

Silver (traditional galvanized EMT) is available from stock ½-4. Minimum order quantities may apply.

SMARTSET™ EMT WEIGHTS, DIMENSIONS AND PACKAGING (10' LENGTHS)

TRADE SIZE	WEIGHT/FT.		MASTER BUNDLE QUANTITY		MASTER BUNDLE WEIGHT		OUTSIDE DIAMETER		INSIDE DIAMETER*	
	lbs.		Pieces	ft.	lbs.		in.	mm	in.	mm
1¼	0.95		84	840	798		1.510	38.35	1.380	35.05
1½	1.10		72	720	792		1.740	44.20	1.610	40.89
2	1.40		50	500	700		2.197	55.80	2.067	52.50
2½	2.05		35	350	718		2.875	73.03	2.731	69.37
3	2.50		30	300	750		3.500	88.90	3.356	85.24
3½	3.25		25	250	813		4.000	101.60	3.834	97.38
4	3.70		25	250	925		4.500	114.30	4.334	110.08

* For information only; not a UL-797 requirement.

SmartSet EMT with integral set screw coupling is available in 10' and 20' lengths through special order for standard EMT. Minimum order quantities apply.

SMARTSET EMT WEIGHTS, DIMENSIONS AND PACKAGING (20' LENGTHS)

TRADE SIZE	WEIGHT/FT.		MASTER BUNDLE QUANTITY		MASTER BUNDLE WEIGHT		OUTSIDE DIAMETER		INSIDE DIAMETER*	
	lbs.		Pieces	ft.	lbs.		in.	mm	in.	mm
1¼	0.95		50	1000	950		1.510	38.35	1.380	35.05
1½	1.10		36	720	792		1.740	44.20	1.610	40.89
2	1.40		36	720	1008		2.197	55.80	2.067	52.50
2½	2.05		20	400	820		2.875	73.03	2.731	69.37
3	2.50		20	400	1000		3.500	88.90	3.356	85.24
3½	3.25		20	400	1300		4.000	101.60	3.834	97.38
4	3.70		12	240	888		4.500	114.30	4.334	110.08

* For information only; not a UL-797 requirement.

SmartSet EMT with integral set screw coupling is available in 10' and 20' lengths through special order for standard EMT. Minimum order quantities apply.

SMARTCOMPRESSION™ EMT WEIGHTS AND DIMENSIONS (10' LENGTHS)

TRADE SIZE	OUTSIDE DIAMETER	INSIDE DIAMETER*	WALL THICKNESS	MINIMUM WEIGHT EMT	COUPLING WEIGHT	MASTER BUNDLE QUANTITY	MASTER BUNDLE WEIGHT
	in.	in.	in.	lbs./ft.	lbs.	ft.	lbs.
2	2.197	2.067	0.065	1.400	0.480	500	723
2½	2.875	2.731	0.072	2.050	1.060	350	757
3	3.500	3.356	0.072	2.500	1.300	300	832
3½	4.000	3.834	0.083	3.250	1.540	250	891
4	4.500	4.334	0.083	3.700	1.790	250	1010

* For information only; not a standards requirement.

SmartCompression EMT is listed to safety standards UL-797 and UL-514B, and manufactured in accordance with ANSI C80.3.

IMC WEIGHTS AND DIMENSIONS (10' LENGTHS)

TRADE SIZE	THREADS/ INCH	ACCEPTABLE LENGTH OF FINISHED CONDUIT WITHOUT COUPLING		WEIGHT OF 10 UNIT LENGTHS WITH COUPLINGS	NOMINAL OUTSIDE DIAMETER*		NOMINAL INSIDE DIAMETER**		NOMINAL WALL THICKNESS*	
		ft.	+/- .25 in.		lbs.	in.	mm	in.	mm	in.
½	14	9	11¼	62	0.815	20.70	0.660	16.76	0.078	1.97
¾	14	9	11¼	84	1.029	26.14	0.864	21.94	0.083	2.10
1	11½	9	11	119	1.290	32.77	1.105	28.07	0.093	2.35
1¼	11½	9	11	158	1.638	41.59	1.448	36.77	0.095	2.41
1½	11½	9	11	194	1.883	47.82	1.683	42.74	0.100	2.54
2	11½	9	11	256	2.360	59.93	2.150	54.60	0.105	2.67
2½	8	9	10½	441	2.857	72.57	2.557	64.95	0.150	3.81
3	8	9	10½	543	3.476	88.29	3.176	80.67	0.150	3.81
3½	8	9	10¼	629	3.971	100.86	3.671	93.24	0.150	3.81
4	8	9	10¼	700	4.466	113.44	4.166	105.82	0.150	3.81

* Figures are the average of the maximum and minimum dimensions as given in UL-1242.

** Calculated from nominal outside diameter and nominal wall thickness.

Steel IMC is manufactured to produce a 10' (3.05 m) length of conduit when a standard coupling is attached.

IMC PACKAGING (10' LENGTHS)

TRADE SIZE	THREAD PROTECTOR COLOR	QUANTITY/BUNDLE		QUANTITY/LIFT*		WEIGHT/LIFT	
		ft.	Pieces	Bundles	ft.	lbs.	
½	Yellow	100	—	35	3500	2170	
¾	Green	50	—	50	2500	2100	
1	Orange	50	—	34	1700	2023	
1¼	Green	—	135	—	1350	2133	
1½	Yellow	—	110	—	1100	2134	
2	Orange	—	80	—	800	2048	
2½	Yellow	—	37	—	370	1632	
3	Orange	—	30	—	300	1629	
3½	Yellow	—	24	—	240	1510	
4	Orange	—	24	—	240	1680	

* The quantity per lift conforms to the National Electrical Manufacturers Association Standards Publication RN-2, Packaging of Master Bundles for Steel Rigid Conduit, Intermediate Metal Conduit (IMC) and Electrical Metallic Tubing (EMT).

SPEEDCOUPLE IMC WEIGHTS, DIMENSIONS AND PACKAGING (10' LENGTHS)

TRADE SIZE	OUTSIDE DIAMETER	INSIDE DIAMETER	WEIGHT/FT.	MASTER BUNDLE QUANTITY		MASTER BUNDLE WEIGHT
	in.	in.		ft.	Pieces	
2	2.360	2.150	2.42	800	80	1936
2½	2.857	2.557	4.28	400	40	1712
3	3.476	3.176	5.26	300	30	1578
3½	3.971	3.671	6.12	250	25	1530
4	4.466	4.166	6.82	200	20	1364

SpeedCouple IMC shall be listed to safety standards UL-1242 and UL-514B. Manufactured in accordance with ANSI C80.6.



RIGID METAL CONDUIT WEIGHTS AND DIMENSIONS (10' LENGTHS)

TRADE SIZE	THREADS/INCH	WEIGHT/100 FT.	NOMINAL OUTSIDE DIAMETER		NOMINAL INSIDE DIAMETER	
		lbs.	in.	mm	in.	mm
½	14	82	0.840	21.34	0.632	16.05
¾	14	109	1.050	26.67	0.836	21.23
1	11½	161	1.315	33.40	1.063	27.00
1¼	11½	218	1.660	42.16	1.394	35.41
1½	11½	263	1.900	48.26	1.624	41.25
2	11½	350	2.375	60.33	2.083	52.91
2½	8	559	2.875	73.03	2.489	63.22
3	8	727	3.500	88.90	3.090	78.49
3½	8	880	4.000	101.60	3.570	90.68
4	8	1030	4.500	114.30	4.050	102.87
5	8	1400	5.563	141.30	5.073	128.85
6	8	1840	6.625	168.28	6.093	154.76

Applicable tolerances: Outside diameter ½-1½: ±0.015" (16-41: ±0.38 mm), 2-6 (53-155): ± 1%.

RIGID METAL CONDUIT PACKAGING (10' LENGTHS)

TRADE SIZE	THREAD PROTECTOR COLOR	QUANTITY/BUNDLE		QUANTITY/LIFT*			WEIGHT/LIFT
		ft.	Pieces	Bundles	ft.	lbs.	
½	Black	100	—	25	2500	2050	
¾	Red	50	—	40	2000	2180	
1	Blue	50	—	25	1250	2013	
1¼	Red	—	90	—	900	1962	
1½	Black	—	80	—	800	2104	
2	Blue	—	60	—	600	2100	
2½	Black	—	37	—	370	2068	
3	Blue	—	30	—	300	2181	
3½	Black	—	25	—	250	2200	
4	Blue	—	20	—	200	2060	
5	Blue	—	15	—	150	2100	
6	Blue	—	10	—	100	1840	

* The quantity per lift conforms to the National Electrical Manufacturers Association Standards Publication RN-2, Packaging of Master Bundles for Steel Rigid Metal Conduit, Intermediate Metal Conduit (IMC) and Electrical Metallic Tubing (EMT). Pack quantities for Canadian distribution do not comply with NEMA RN-2.

SPEEDCOUPLE RIGID METAL CONDUIT WEIGHTS, DIMENSIONS AND PACKAGING (10' LENGTHS)

TRADE SIZE	OUTSIDE DIAMETER	INSIDE DIAMETER	WEIGHT/FT.	MASTER BUNDLES—10'		
	in.	in.	lbs.	ft.	pieces	lbs.
2	2.375	2.083	3.32	450	45	1494
2½	2.875	2.489	5.27	400	40	2108
3	3.500	3.090	6.82	300	30	2046
3½	4.000	3.570	8.31	250	25	2078
4	4.500	4.050	9.72	200	20	1944
5	5.563	5.073	13.14	150	15	1971

SpeedCouple rigid metal conduit shall be listed to safety standards UL-6 and UL-514B. Manufactured in accordance with ANSI C80.1.

RIGID ALUMINUM CONDUIT WEIGHTS AND DIMENSIONS

TRADE SIZE	THREADS/INCH	ACCEPTABLE LENGTH* OF FINISHED CONDUIT WITHOUT COUPLING		WEIGHT OF 10 UNIT LENGTHS WITH COUPLINGS	NOMINAL OUTSIDE DIAMETER**		NOMINAL INSIDE DIAMETER***		NOMINAL WALL THICKNESS***	
		ft.	+/- .25 in.	lbs.	in.	mm	in.	mm	in.	mm
½	14	9	11¼	28.1	0.840	21.34	0.632	16.05	0.104	2.64
¾	14	9	11¼	37.4	1.050	26.67	0.836	21.23	0.107	2.72
1	11½	9	11	54.5	1.315	33.40	1.063	27.00	0.126	3.20
1¼	11½	9	11	71.6	1.660	42.16	1.394	35.41	0.133	3.38
1½	11½	9	11	88.7	1.900	48.26	1.624	41.25	0.138	3.51
2	11½	9	11	118.5	2.375	60.33	2.083	52.91	0.146	3.71
2½	8	9	10½	187.5	2.875	73.03	2.489	63.22	0.193	4.90
3	8	9	10½	246.3	3.500	88.90	3.090	78.49	0.205	5.21
3½	8	9	10¼	295.6	4.000	101.60	3.570	90.68	0.215	5.46
4	8	9	10¼	350.2	4.500	114.30	4.050	102.87	0.225	5.72
5	8	9	10	478.9	5.563	141.30	5.073	128.85	0.245	6.22
6	8	9	10	630.4	6.625	168.28	6.093	154.76	0.266	6.76

* Rigid aluminum conduit is manufactured to produce a 10' (3.05 m) length of conduit when a standard coupling is attached.

** Applicable tolerances: Outside diameter ½-1½: ± 0.015" (16-41): ± 0.38 mm, 2-6 (53-155): ± 1%.

*** For information only; not a standards requirement.

RIGID ALUMINUM CONDUIT PACKAGING

TRADE SIZE	THREAD PROTECTOR COLOR	QUANTITY/BUNDLE		QUANTITY/LIFT		WEIGHT/LIFT	
		ft.	Pieces	Bundles	ft.	lbs.	
½	Black	100	—	25	2500	703	
¾	Red	100	—	25	2500	935	
1	Blue	100	—	20	2000	1090	
1¼	Red	—	100	—	1000	716	
1½	Black	—	100	—	1000	887	
2	Blue	—	45	—	450	533	
2½	Black	—	30	—	300	563	
3	Blue	—	20	—	200	493	
3½	Black	—	20	—	200	591	
4	Blue	—	20	—	200	700	
5	Blue	—	8	—	80	383	
6	Blue	—	6	—	60	378	

A formal industry packaging standard for aluminum conduit does not exist.



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800.257.8182
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Corporate Office
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Suite 2100
Chicago, IL 60606
312.275.1600
info@zekelman.com
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About Wheatland Tube Electrical Conduit and Fittings

Wheatland Tube produces a broad spectrum of steel electrical conduit, including intermediate metal conduit (IMC), electrical metallic tubing (EMT) and hot-dip galvanized steel rigid metal conduit (RMC). We also supply a full line of steel and aluminum elbows and nipples, steel couplings, and rigid aluminum conduit and couplings. Additionally, we now offer a line of time-saving electrical products, including SpeedCouple, a pre-installed swivel coupling; SmartSet™ EMT with integral set screw coupling; and SmartCompression™ EMT with pre-installed compression coupling.

For more information, contact Wheatland Tube at:

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DURAGUARD WEIGHTS AND DIMENSIONS (10' AND 20' LENGTHS)

TRADE SIZE	METRIC DESIGNATOR	THREADS/ INCH	WEIGHT PER 100 FT.		NOMINAL OUTSIDE DIAMETER		NOMINAL INSIDE DIAMETER	
			lbs.	kg	in.	mm	in.	mm
½	16	14	82	37.2	0.840	21.34	0.632	16.05
¾	21	14	109	49.4	1.050	26.67	0.836	21.23
1	27	11½	161	73.0	1.315	33.40	1.063	27.00
1¼	35	11½	218	98.9	1.660	42.16	1.394	35.41
1½	41	11½	263	119.3	1.900	48.26	1.624	41.25
2	53	11½	350	158.8	2.375	60.33	2.083	52.91
2½	63	8	559	253.6	2.875	73.03	2.489	63.22
3	78	8	727	329.8	3.500	88.90	3.090	78.49
3½	91	8	880	399.2	4.000	101.60	3.570	90.68
4	103	8	1030	467.2	4.500	114.30	4.050	102.87
5	129	8	1400	635.0	5.563	141.30	5.073	128.85
6	155	8	1840	834.6	6.625	168.28	6.093	154.76

Applicable tolerances: Outside Diameter ½-1½: ±0.015" (16-41: ±0.38 mm), 2-6: (53-155) ± 1%.

PACKAGING (10' LENGTHS)

TRADE SIZE	METRIC DESIGNATOR	THREAD PROTECTOR COLOR	QUANTITY / BUNDLE			QUANTITY / LIFT*				WEIGHT / LIFT		VOLUME / LIFT	
			ft.	m	Pieces	Bundles	ft.	m	lbs.	kg	cu. ft.	cu. m	
½	16	Black	100	30.5	—	25	2500	762	2050	929.9	19.4	0.6	
¾	21	Red	50	15.2	—	40	2000	610	2180	988.8	26.7	0.8	
1	27	Blue	50	15.2	—	25	1250	381	2013	913.1	22.2	0.6	
1¼	35	Red	—	—	90	—	900	274	1962	889.9	28.3	0.8	
1½	41	Black	—	—	80	—	800	244	2104	954.4	27.2	0.8	
2	53	Blue	—	—	60	—	600	183	2100	952.5	36.1	1.0	
2½	63	Black	—	—	37	—	370	113	2068	938.0	35.0	1.0	
3	78	Blue	—	—	30	—	300	91	2181	989.3	41.5	1.2	
3½	91	Black	—	—	25	—	250	76	2200	997.9	43.3	1.2	
4	103	Blue	—	—	20	—	200	61	2060	934.4	48.6	1.4	
5	129	Blue	—	—	15	—	150	46	2100	952.5	52.1	1.5	
6	155	Blue	—	—	10	—	100	30	1840	834.6	43.8	1.2	

* The quantity per lift conforms to the National Electrical Manufacturers Association Standards Publication RN-2 Packaging of Master Bundles for Steel Rigid Metal Conduit, Intermediate Metal Conduit (IMC) and Electrical Metallic Tubing (EMT).
Pack quantities for Canadian distribution does not comply with NEMA RN-2.

PACKAGING (20' LENGTHS)

TRADE SIZE	METRIC DESIGNATOR	THREAD PROTECTOR COLOR	QUANTITY / LIFT			WEIGHT / LIFT		VOLUME / LIFT	
			Pieces	ft.	m	lbs.	kg	cu. ft.	cu. m
½	16	Black	125	2500	762	2050	929.9	13.9	0.4
¾	21	Red	100	2000	610	2180	988.8	20.0	0.6
1	27	Blue	60	1200	366	1932	876.4	17.5	0.5
1¼	35	Red	45	900	274	1962	890.0	19.4	0.5
1½	41	Black	40	800	244	2104	954.4	18.7	0.5
2	53	Blue	30	600	183	2100	952.6	29.6	0.8
2½	63	Black	18	360	110	2012	912.6	23.4	0.7
3	78	Blue	15	300	91	2181	989.3	28.0	0.8
3½	91	Black	12	240	73	2112	958.0	32.2	0.9
4	103	Blue	10	200	61	2060	934.4	30.8	0.9
5	129	Blue	7	140	43	1960	889.1	35.0	1.0
6	155	Blue	5	100	30	1840	834.6	34.3	1.0

The length is nominal and subject to the tolerance of UL Standard for Safety for Electrical Rigid Metal Conduit—Steel, UL-6.



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Wheatland Tube
2 in. x 10 ft. Rigid Metal Conduit

★★★★★ (4.6 / 111)

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This 1-1/4 in. x 10 ft. Rigid Metal Conduit (RMC) is designed to provide exceptional physical protection for electrical cables and conductors, ensuring durability and safety in various applications. Made from high-quality hot-dip galvanized steel, this RMC offers outstanding resistance to corrosion, making it ideal for both indoor and outdoor installations, as well as in harsh environments where protection from moisture, chemicals, and physical damage is critical. The conduit is manufactured to meet or exceed industry standards, providing a reliable solution for safeguarding electrical wiring systems. The 1-1/4 in. diameter ensures a perfect fit for a wide range of electrical cables, offering ample space for wiring and allowing for ease of installation. With its 10-foot length, it provides a versatile and convenient length for most installations, minimizing the need for additional coupling or splicing. One end of the conduit features a coupling, enabling seamless connection to other conduit sections, while the other end is equipped with a thread protector to prevent damage to the threads during transport or handling. Whether you're working on residential, commercial, or industrial projects, this RMC delivers the robust protection needed to maintain the integrity of your electrical systems and ensure a safe and compliant installation.

Highlights

- Designed for the physical protection and routing of conductors and cables
- Use as an equipment grounding conductor when installed with its associated coupling and appropriate fittings in accordance with the National Electrical Code
- Permitted as an equipment grounding conductor
- Conduit is lightweight and easy to bend
- Coupling on 1 end and a thread protector on the other end

Additional Resources

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From the Manufacturer

- [Warranty](#)
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- Brand received (wheatland, allied tube or republic conduit) varies by zip code
- Please note: The product may vary depending on the store.
- Note: product may vary by store
- [Return Policy](#)

Product Information

Internet # 202068052

Model # 0544110000

Store SKU # 562109

Specifications ^

Dimensions

Product Length (ft.)	10 ft
Trade Size (in.)	1-1/4

Details

Conduit Type	Rigid
Indoor/Outdoor	Indoor, Outdoor
Material	Steel
Metallic/Non-Metallic	Metallic
Pack Size	1
Product Weight (lb.)	21.8 lb

Warranty / Certifications

Certifications and Listings	CSA Listed, UL Listed
Manufacturer Warranty	Wheatland agrees to replace or allow credit, at its option, for material found to be defective within a reasonable time, but in no event more than one year after receipt by Buyer.

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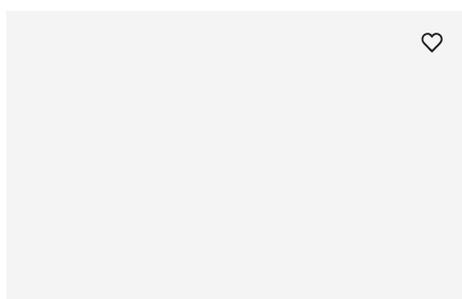
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Steel

Trade Size (in.)

1-1/4

1-1/2

1-1/2

1-1/2

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10.02 ft

Metallic/Non-Metallic

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Feedback

Wheatland Tube

2 in, x 10 ft, Electrical Metallic Tubing (EMT) Conduit

★★★★★ (4.5 / 17)

\$38⁰⁰

Halex

2 in. Electrical Metallic Tube (EMT) Set-Screw Coupling

★★★★★ (5 / 3)

\$2⁸³
(\$1.42/unit)

Cantex

2 in. x 10 ft. Gray Non-Metallic PVC Schedule 40-Conduit

★★★★★ (4.5 / 98)

\$17⁸⁴

Square D

Homeline 20 Amp Single-Pole Circuit Breaker(HOM120CP)

★★★★★ (4.7 / 1641)

\$6⁹⁸

Steel City

4 in. 30.3 cu. in. Metal Square Box (521711234EW-25R)

★★★★★ (4.6 / 186)

\$3⁶⁸ < 1/1 >

Subtotal: **\$70³¹**

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Get an immediate answer with AI

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AI-generated from the text of manufacturer documentation. To verify or get additional information, please contact The Home Depot customer service.

Product Details

About This Product

This 2 in. x 10 ft. EMT is designed to protect and route cables and conductors. It can be installed either exposed or concealed, indoors or outdoors, using rain-tight fittings (not included). Made from unthreaded galvanized steel, it offers strength and durability. The interior also features an organic coating for added protection.

Highlights

- Designed for physical protection and routing of conductors and cables
- Use as an equipment grounding conductor when utilizing appropriate fittings and installed in accordance with the National Electrical Code
- Unthreaded galvanized steel exterior with an organic interior coating
- UL 797 listed
- Install exposed or concealed
- Install inside or outside with rain-tight fittings (not included)
- Please note: The product may vary depending on the store.

Additional Resources

[Shop All Wheatland Tube](#)

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- Note: product may vary by store
- [Return Policy](#)

Product Information

Internet # 202068044
 Model # 0550510000
 Store SKU # 580031

Specifications ^

Dimensions

Product Length (ft.)	10.06 ft
Trade Size (in.)	1-1/2

Details

Conduit Type	EMT
Indoor/Outdoor	Indoor, Outdoor
Material	Steel
Metallic/Non-Metallic	Metallic
Pack Size	1
Product Weight (lb.)	14.8 lb

Warranty / Certifications

Certifications and Listings	CSA Listed, UL Listed
Manufacturer Warranty	Wheatland agrees to replace or allow credit, at its option, for material found to be defective within a reasonable time, but in no event more than one year after receipt by Buyer.

[How can we improve our product information? Provide feedback.](#)

Questions & Answers ∨

10 Questions

Customer Reviews ∨

4.5 out of 5  (17)

Feedback

You Might Also Need

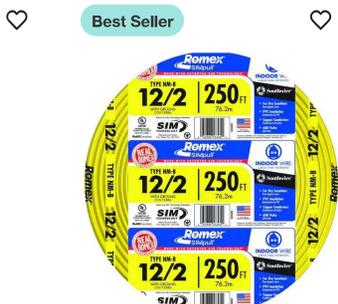


Southwire (By-the-Foot) 2/0 Black Stranded CU SIMpull THHN Wire

★★★★☆ (4.2 / 65)

\$6.98 /foot

Add to Cart

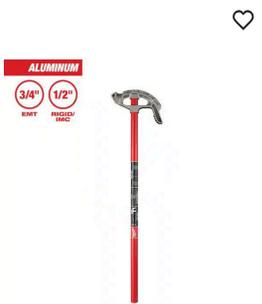


Southwire 250 ft. 12/2 Solid Romex SIMpull CU NM-B W/G Wire

★★★★★ (4.7 / 1888)

\$146.00 (58c/ft.)

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Milwaukee 3/4 in. Aluminum Conduit Bender and Handle

★★★★★ (4.7 / 65)

\$49.97

Add to Cart



2 in. Knock-Out Seal

★★★★★ (4.3 / 141)

\$1.18

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Commercial Electric 2 in. Electrical Metallic Tubing Set-Screw Connector

★★★★★

\$2.98

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★★★★★



Lukyamzn 10T Hydraulic Lug Crimping Tool 12 to 2

★★★★★ (5 / 1)

Feedback

\$100⁸⁹ /piece

\$413⁸⁶

\$850⁰⁰

\$102⁵⁷ /piece

\$94⁶⁷ /piece

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Wheatland Tube
2 in, x 10 ft, Electrical Metallic Tubing (EMT) Conduit

★★★★★ (4.5 / 17)

\$38⁰⁰



1-1/4 in. x 10 ft. Electrical Metallic Tubing (EMT) Conduit

★★★★★ (4.6 / 39)

\$27²⁷



1-1/2 in. x 10 ft. Rigid Metal Conduit

★★★★★ (4.3 / 80)

\$71⁰⁰



Wheatland Tube
2 in. x 10 ft. Rigid Metal Conduit

★★★★★ (4.6 / 111)

\$83⁸⁴

Conduit Type

EMT EMT EMT EMT

Material

Steel Steel Steel Steel

Trade Size (in.)

1-1/2 1-1/2 1-1/2 1-1/2

Product Length (ft.)

Feedback

10.06 ft

10 ft

10.05 ft

10.02 ft

Metallic/Non-Metallic

Metallic

Metallic

Metallic

Metallic

Feedback



 Feedback