



WEAVER CONSTRUCTION MANAGEMENT, INC.
 3679 S. Huron St., Suite 404
 Englewood, CO 80110
 Phone: (303) 789-4111 FAX: (303) 789-4310

SUBMITTAL TRANSMITTAL

November 21, 2011
WGC Submittal No: 16130-001

PROJECT: Harold Thompson Regional WRF
 Birdsall Rd.
 Fountain, CO 80817
 Job No. 2908

ENGINEER: GMS, Inc.
 611 No. Weber St., #300
 Colorado Springs, CO 80903
 719-475-2935 Roger Sams

OWNER: Lower Fountain Metropolitan
 Sewage Disposal District
 901 S. Santa Fe Ave.
 Fountain, CO 80817
 719-382-5303 James Heckman

CONTRACTOR: McDade Woodcock, Inc.
 7222 Commerce Center Drive, #245
 Colorado Springs, CO 80909
 719-264-1236

SUBJECT: Electrical Submittal of Raceways & Boxes

SPEC SECTION: 16130

PREVIOUS SUBMISSION DATES:

DEVIATIONS FROM SPEC: ___ YES x NO

CONTRACTOR'S STAMP: This submittal has been reviewed by Weaver Construction Management and approved with respect to the means, methods, techniques, & safety precautions & programs incidental thereto. Weaver General Construction also warrants that this submittal complies with contracted documents and comprises on deviations thereto:

Contractor's Stamp:

 Date: 11/21/11
 Reviewed by: H.C. Myers
 (X) Reviewed Without Comments
 () Reviewed With Comments

Engineer's Stamp:

ENGINEER'S
 COMMENTS: _____

—

McDade-Woodcock, Inc.

TRANSMITTAL

No. 00006

7222 Commerce Center Dr. Suite 245
 Colorado Springs, CO 80919

Phone: 719-264-1236
 Fax: 719-264-1450

PROJECT: Harold D. Thompson WRF

DATE: 11/18/2011

TO: Weaver General Construction

REF: Electrical Submittal
 16130-001
 Raceways & Boxes


ATTN: Wes Weaver

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
<input checked="" type="checkbox"/> Shop Drawings	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Approved as Submitted
<input type="checkbox"/> Letter	<input type="checkbox"/> Your Use	<input type="checkbox"/> Approved as Noted
<input type="checkbox"/> Prints	<input type="checkbox"/> As Requested	<input type="checkbox"/> Returned After Loan
<input type="checkbox"/> Change Order	<input checked="" type="checkbox"/> Review and Comment	<input type="checkbox"/> Resubmit
<input type="checkbox"/> Plans		<input checked="" type="checkbox"/> Submit
<input type="checkbox"/> Samples	SENT VIA:	<input type="checkbox"/> Returned
<input type="checkbox"/> Specifications	<input checked="" type="checkbox"/> Attached	<input type="checkbox"/> Returned for Corrections
<input type="checkbox"/> Other:	<input type="checkbox"/> Separate Cover Via	<input checked="" type="checkbox"/> Due Date: 12/2/2011

ITEM	PACKAGE	SUBMITTAL	DRAWING	REV.	ITEM NO.	COPIES	DATE	DESCRIPTION	STATUS
					001	1	11/18/2011	Electrical Submittal 16130-001 Raceways & Boxes	OUT

Remarks: Electrical Submittal for Review and Approval
 Via Email Only

CC:

Signed: 
 Janelle L Smith



McDADE-WOODCOCK, INC.

HAROLD D. THOMPSON RWRF
HEADWORKS BUILDING

McDADE-WOODCOCK INC.
PROJECT NUMBER - 1402

ELECTRICAL SUBMITTAL

RACEWAYS & BOXES

16130-001

CORPORATE

2404 Claremont Ave. NE
Albuquerque, NM 87107

Mailing Address
P.O. Box 11592
Albuquerque, NM 87192

Ph 505-884-0155
Fax 505-884-6073

DENVER

10700 E. Geddes Avenue
Suite 170
Englewood CO 80112

Ph 303-803-1809
Fax 303-803-1818

COLORADO SPRINGS

7222 Commerce Center Drive
Suite 245
Colorado Springs, CO 80919

Mailing Address
P.O. Box 7349
Colorado Springs, CO 80933

Ph 719-264-1236
Fax 719-264-1450

Owner:

**Lower Fountain Metropolitan
Sewage District
901 S. Santa Fe Avenue
Fountain, CO 80817**

General Contractor:

**Weaver General Construction Co.
3679 S. Huron St. – Suite 404
Englewood, CO 80110**

Electrical Contractor:

**McDade-Woodcock, Inc.
7222 Commerce Center Dr.
#245
Colorado Springs, CO 80919**

Engineer:

**GMS Inc.
611 N. Weber St., Suite 300
Colorado Springs, CO 80903**



McDADE-WOODCOCK, INC.

HAROLD D. THOMPSON RWRF **HEADWORKS BUILDING**

McDADE-WOODCOCK INC.
PROJECT NUMBER - 1402

ELECTRICAL SUBMITTAL

RACEWAYS & BOXES

16130-001

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nipples, couplings, fittings &
boxes)

TAB 3: Conduit –
PVC (to include elbows, couplings,
etc)

TAB 4: Flexible Metal Conduit

TAB 5: Boxes & Enclosures

CORPORATE

2404 Claremont Ave. NE
Albuquerque, NM 87107

Mailing Address
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Albuquerque, NM 87192

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McDADE-WOODCOCK, INC.

November 14, 2011

Weaver Construction Management Inc.
3679 S. Huron St. Suite 404
Englewood, CO 80110

Attn: John Jacob

MWI Project: #1402

Ref: Submittal 16130-001A

Project: Harold D Thompson RWRF

Dear Mr. Jacob,

Please note the following items in regards to McDade-Woodcock Electrical submittal (**Raceways and Boxes**) 16130-001A

- 1) All Raceways and Boxes will be installed in accordance with the NEC and the Contract documents.
- 2) PVC-GRC will be used for underground conduit bends and conduit installed outside over bodies of water. All other underground conduit will be PVC Sch-40.
- 3) Electrical Metallic Tubing will be used in administrative areas.
- 4) Galvanized Rigid Conduit will be used in all exposed areas.
- 5) Rigid Aluminum Conduit will be used for corrosive areas.
- 6) All supports and fittings will be galvanized steel, except in corrosive areas, Stainless Steel will be used.
- 7) All Hardware and anchors will be Stainless Steel.
- 8) All boxes will be rated for the area installed and conduit entry fittings will be rated accordingly.

CORPORATE

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Albuquerque, NM 87107

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DENVER

15335 E. Fremont Drive
Centennial, CO 80112

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COLORADO SPRINGS

7222 Commerce Center Drive
Suite 245
Colorado Springs, CO 80919

Mailing Address
P.O. Box 7349
Colorado Springs, CO 80933

Ph 719-264-1236
Fax 719-264-1450

Please contact me if you have any questions.

Patrick Danenberg
Project Manager
McDade-Woodcock Inc.
patd@mwieic.com

Galvanized **Steel Rigid Metal Conduit**



Wheatland *Tube*
JMC STEEL GROUP

Protects Against EMF/EMI

Steel RMC reduces exposure to EMF and shields against Electro-Magnetic Interference (EMI) at power frequencies which could impact computers and other sensitive electronic equipment and controls. Contact Wheatland's Marketing Department at info@wheatland.com for a copy of Georgia Tech's

Grounding and Electro-Magnetic Interference (GEMI) Analysis software.

Provides Equipment Grounding

Steel RMC is approved for use by the NEC® as an equipment grounding conductor with its associated couplings and appropriate fittings.

Hot-Dip Galvanized Rigid Metal Conduit - Steel (RMC)

Weights and Dimensions

Trade Size	Metric Designator	Threads Per Inch	Acceptable Length of Finished Conduit without Coupling			Weight 10 Unit Lengths with Couplings		Nominal Outside Diameter*		Nominal Inside Diameter*		Nominal Wall Thickness*	
			ft.	(+/- 1/4 In.) in.	(+/- 6mm) mm	lb	kg	in.	mm	in.	mm	in.	mm
½	16	14	9	11½	3030	82	37.20	0.840	21.34	0.632	16.05	.104	2.64
¾	21	14	9	11½	3030	109	49.44	1.050	26.67	0.836	21.23	.107	2.72
1	27	11½	9	11	3025	161	73.03	1.315	33.40	1.063	27.00	.126	3.20
1¼	35	11½	9	11	3025	218	98.88	1.660	42.16	1.394	35.41	.133	3.38
1½	41	11½	9	11	3025	263	119.30	1.900	48.26	1.624	41.25	.138	3.51
2	53	11½	9	11	3025	350	158.76	2.375	60.33	2.083	52.91	.146	3.71
2½	63	8	9	10½	3010	559	253.56	2.875	73.03	2.489	63.22	.193	4.90
3	78	8	9	10½	3010	727	329.77	3.500	88.90	3.090	78.49	.205	5.21
3½	91	8	9	10½	3005	880	399.17	4.000	101.60	3.570	90.68	.215	5.46
4	103	8	9	10½	3005	1030	467.21	4.500	114.30	4.050	102.87	.225	5.72
5	129	8	9	10	2995	1400	635.04	5.563	141.30	5.073	128.85	.245	6.22
6	155	8	9	10	2995	1840	834.62	6.625	168.28	6.093	154.76	.266	6.76

*For information only, not a UL 6 requirement.

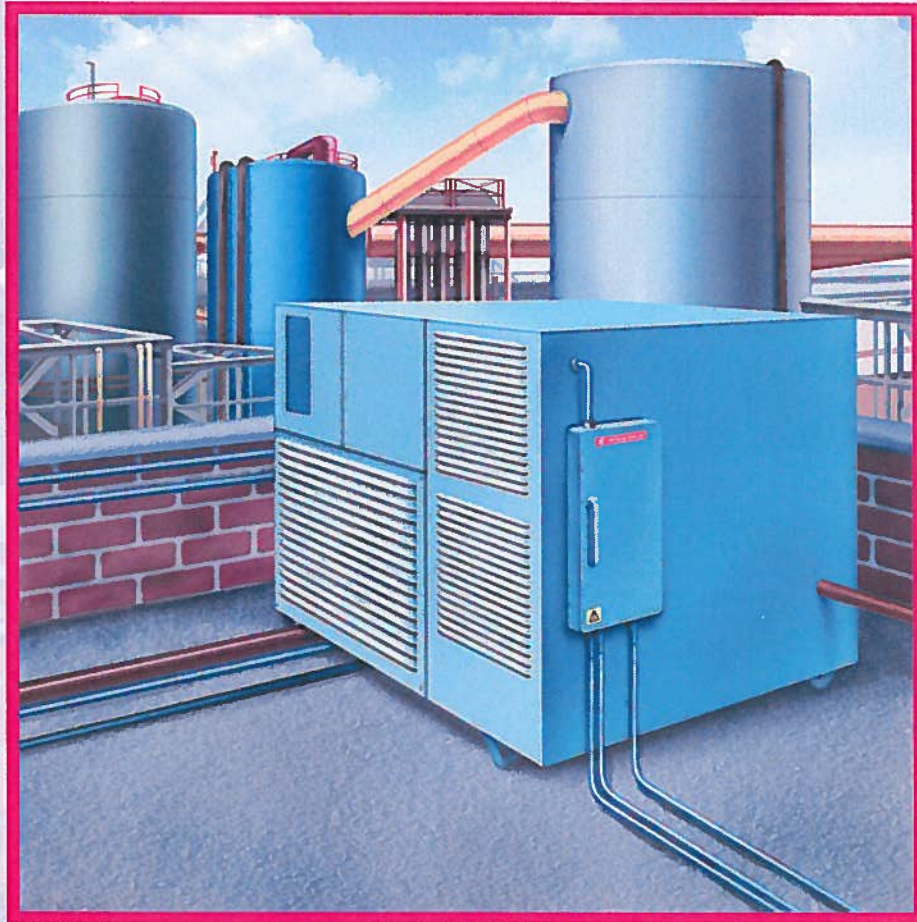
Rigid Steel Conduit is manufactured to the lengths shown above, so when a straight-tapped coupling Wheatland trade sizes 3 through 6 are UL Listed for use with directional boring equipment.

Packaging

Trade Size	Metric Designator	Threads Protectors Color	Quantity Per Bundle		Quantity Per Lift				Weight Per Lift		Volume Per Lift	
			Feet	Meters	Pieces	Bundles	Feet	Meters	Pounds	Kilograms	Cu. Feet	Cu. m
½	16	Black	100	30.5	---	25	2,500	762	2050	929.9	19.4	0.6
¾	21	Red	50	15.2	---	40	2,000	610	2180	988.8	26.7	0.8
1	27	Blue	50	15.2	---	25	1,250	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	952.6	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 Conduit, Intermediate Metal Conduit (IMC), and Electrical Metallic Tubing.

Aluminum **Rigid Metal Conduit**



Wheatland *Tube*

JMC STEEL GROUP

Aluminum RMC: Lightweight Corrosion Fighter

Aluminum Rigid Metal Conduit is about one-third the weight of steel RMC. Aluminum conduit can be readily cut, bent or threaded on the job, and it requires no special tools or installation equipment. In installations using large size conduit, ease of field fabrication is of special significance. Aluminum resists most corrosive atmospheres and industrial environments without special painting or coatings. It's non-sparking, which eliminates a hazard in explosive atmospheres, especially when flammable or combustible gases, liquids or vapors may be present. Aluminum conduit is nonmagnetic, which reduces power losses caused by voltage drops and can result in power savings during the life of the installation.

The Winning Team

When the job needs to be done on time and within budget, rely on Wheatland. Wheatland Aluminum Rigid Conduit is extruded in the U.S. and is in stock and ready to ship. With Wheatland you have a trusted partner, with the highest quality product and the best technical and product support in the industry. Experience. Quality. Total support system. You and Wheatland. That's *the* winning team.

A Quick Look at Wheatland's Aluminum RMC

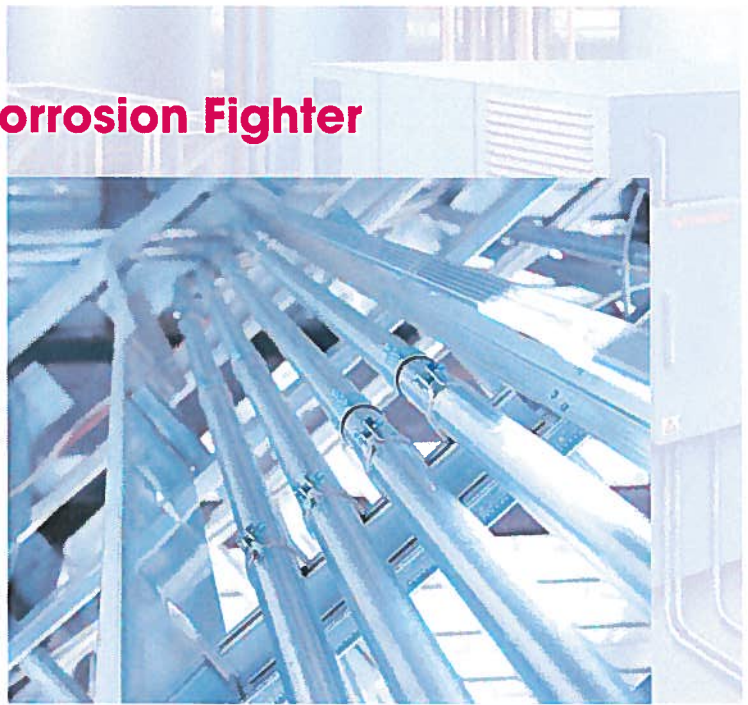
Wheatland Aluminum Rigid Conduit is made from 6063 aluminum alloy, T-1 temper (formerly designated T-42). It's a "marine grade" alloy that provides high strength and corrosion resistance.

Applications: Wheatland Aluminum RMC can be installed indoors or outdoors, in dry or wet locations, exposed or concealed, where judged suitable for the environment, and in hazardous locations, when in accordance with National Electrical Code®.

Coatings: Rigid Aluminum Conduit is highly corrosion-resistant and requires no additional mill coatings.

Sizes: Nominal trade sizes from ½" to 6"

Lengths: Aluminum RMC is produced in traditional standard lengths of 10 feet, including coupling, is threaded on both ends, with a coupling applied to one end and a thread protector, industry color-coded by size, to the other.



Protection: Good mechanical protection, resists most corrosive atmospheres and industrial environments.

Green: Aluminum can be recycled over and over without breaking down. Recycling scrap aluminum requires only 5% of the energy used to make new aluminum. For this reason, approximately 31% of all aluminum produced in the United States comes from recycled scrap.

Specifications

Wheatland's Aluminum Rigid Metal Conduit (RMC) is manufactured in accordance with the latest specifications and standards of ANSI® C80.5, UL 6A, and federal specification WW-C-581. The pitch of aluminum conduit threads conforms to the American National Standard for Pipe Threads, General Purpose (Inch), ANSI/ASME B1.20.1. The taper of threads is 3/4 inch per foot (1 in 16).

Thread Protectors

Aluminum RMC is threaded on both ends, with a coupling applied to one end and a thread protector, industry color-coded by size, to the other.

Black: ½", 1 ½", 2 ½" and 3 ½"

Red: ¾", 1 ¼"

Blue: 1", 2", 3", 4", 5" and 6"

Provides Equipment Grounding

Aluminum RMC is approved for use by the NEC® as an equipment grounding conductor, with its associated coupling and appropriate fittings.

Rigid Metal Conduit - Aluminum

Weights and Dimensions

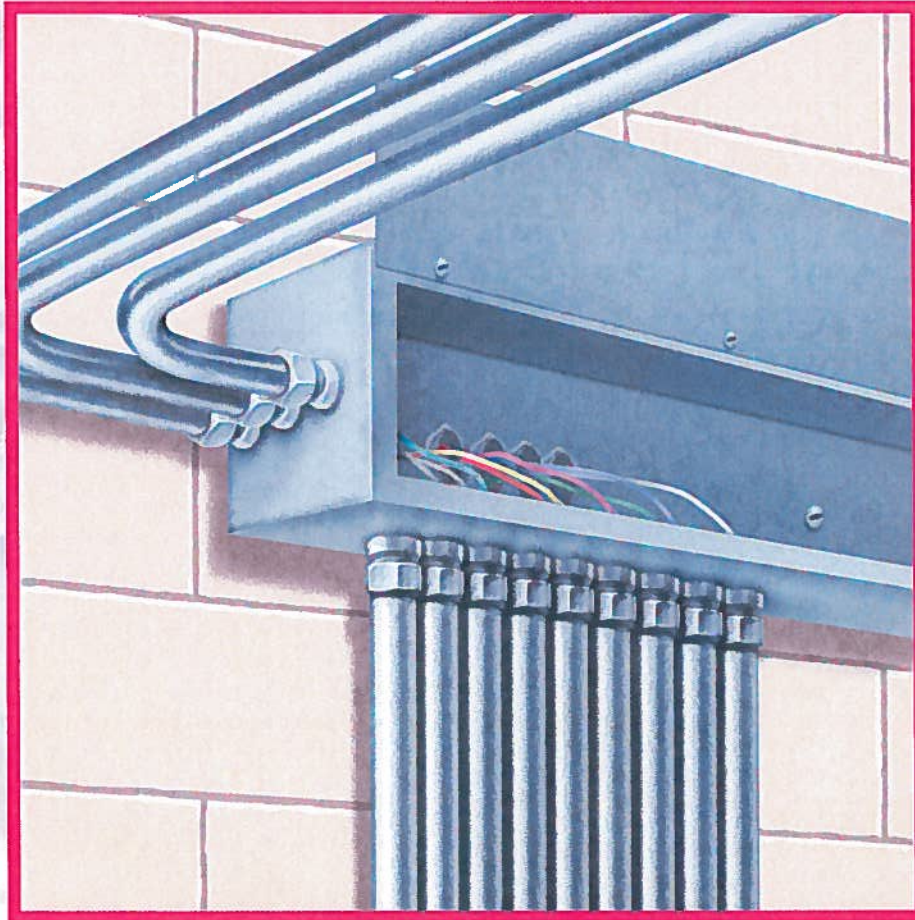
Trade Size	Metric Designator	Threads Per Inch	Acceptable Length of Finished Conduit without Coupling			Weight 10 Unit Lengths with Couplings		Nominal Outside Diameter*		Nominal Inside Diameter*		Nominal Wall Thickness*	
			ft.	(+/- 1/4 in.) in.	(+/- 6mm) mm	lb	kg	in.	mm	in.	mm	in.	mm
½	16	14	9	11¼	3030	28.1	12.75	0.840	21.34	0.632	16.05	0.104	2.64
¾	21	14	9	11¼	3030	37.4	16.96	1.050	26.67	0.836	21.23	0.107	2.72
1	27	11½	9	11	3025	54.5	24.72	1.315	33.40	1.063	27.00	0.126	3.20
1¼	35	11½	9	11	3025	71.6	32.48	1.660	42.16	1.394	35.41	0.133	3.38
1½	41	11½	9	11	3025	88.7	40.23	1.900	48.26	1.624	41.25	0.138	3.51
2	53	11½	9	11	3025	118.5	53.75	2.375	60.33	2.083	52.91	0.146	3.71
2½	63	8	9	10½	3010	187.5	85.05	2.875	73.03	2.489	63.22	0.193	4.90
3	78	8	9	10½	3010	246.3	111.72	3.500	88.90	3.090	78.49	0.205	5.21
3½	91	8	9	10¼	3005	295.6	134.08	4.000	101.60	3.570	90.68	0.215	5.46
4	103	8	9	10¼	3005	350.2	158.85	4.500	114.30	4.050	102.87	0.225	5.72
5	129	8	9	10	2995	478.9	217.23	5.563	141.30	5.073	128.85	0.245	6.22
6	155	8	9	10	2995	630.4	285.95	6.625	168.28	6.093	154.76	0.266	6.76

*For information only, not a Standards requirement

Packaging

Trade Size	Metric Designator	Threads Protectors Color	Quantity Per Bundle		Quantity Per Lift				Weight Per Lift		Volume Per Lift	
			Feet	Meters	Pieces	Bundles	Feet	Meters	Pounds	Kilograms	Cu. Feet	Cu. m
½	16	Black	100	30.5	—	25	2500	762	703	319	18.7	0.53
¾	21	Red	100	30.5	—	25	2500	762	935	424	27.1	0.77
1	27	Blue	100	30.5	—	20	2000	610	1090	494	31.3	0.88
1¼	35	Red	50	15.2	—	20	1000	305	716	325	27.5	0.78
1½	41	Black	50	15.2	—	20	1000	305	887	402	34.3	0.97
2	53	Blue	50	15.2	—	9	450	137	533	242	26.4	0.75
2½	63	Black	—	—	30	—	300	91	563	255	22.9	0.65
3	78	Blue	—	—	20	—	200	61	493	223	22.9	0.65
3½	91	Black	—	—	20	—	200	61	591	268	27.5	0.78
4	103	Blue	—	—	20	—	200	61	700	318	35.4	1
5	129	Blue	—	—	8	—	80	24	383	174	24.4	0.69
6	155	Blue	—	—	6	—	60	18	378	172	26.7	0.76

Fas Trak Electrical Metallic Tubing



Wheatland *Tube*

JMC STEEL GROUP

Fas Trak EMT: Tough, Yet Easy to Install.

Wheatland's listed steel Fas Trak Electrical Metallic Tubing (EMT) has the thinnest wall of all of the metallic raceways Wheatland produces, but still provides considerable physical protection for conductors and cables in all applications except those requiring protection from severe physical damage. The lighter wall of EMT means lighter weight, which permits the use of hand benders and easy handling. Steel EMT doesn't burn, contribute to smoke volume, emit potentially escape-inhibiting fire gases, or add to fuel load or flame spread. It also provides an excellent electrical path to ground and is recognized as an equipment grounding conductor by NFPA 70: National Electrical Code® 250.118 (4). We apply a proprietary slick, smooth ID coating to Fas Track to make wire pulling easier — which creates less stress on the conductors and enables quicker installation.

The Winning Team

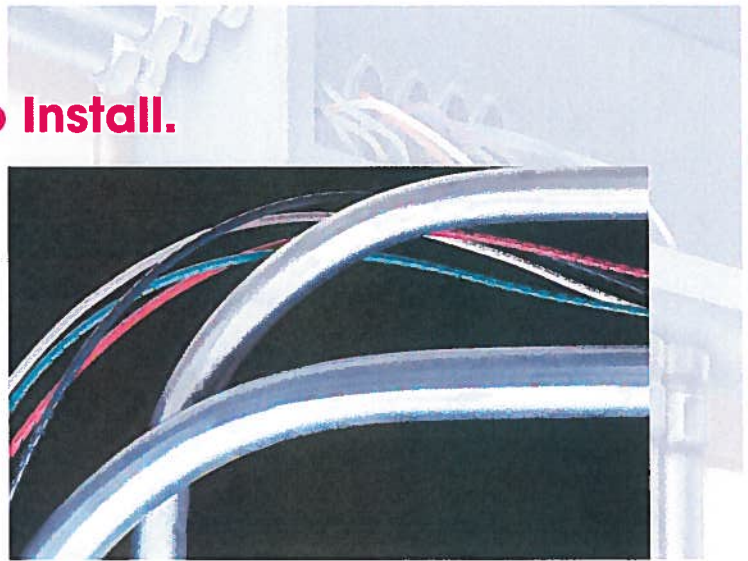
When the job needs to be done on time and within budget, rely on Wheatland. Our in-house, hot-dip galvanizing process is the quality benchmark for the industry. Wheatland's Fas Trak EMT is produced on our state-of-the-art ERW mills using the latest technology to assure the highest quality. Whether you use 10 ft. or 20 ft. lengths, you can save installation time and money with our Fas Trak EMT. Experience. Quality. Total in house capabilities. You and Wheatland. That's *the* winning team.

A Quick Look at Wheatland's Fas Trak EMT

Steel Electrical Metallic Tubing is manufactured from mild steel tube. It has an accurate circular cross section, a uniform wall thickness, a defect free interior surface, and continuously welded seams. EMT is unthreaded and it's installed with set-screws or compression-type couplings and connectors.

Applications: Wheatland Galvanized Steel Electrical Metallic Tubing can be installed indoors or outdoors, in dry or wet locations, exposed or concealed, and in hazardous locations, when in accordance with the NEC®, providing it will not be subject to severe physical damage during and after installation, and is properly protected against corrosion.

Coatings: The exterior surface is thoroughly and evenly coated with zinc using an in-line galvanizing process, so that metal-to-metal contact and galvanic protection against corrosion are provided. The exterior is also protected by a clear post-galvanizing coating to further protect against corrosion. The interior surface is coated with a proprietary slick, lubricating



coating that reduces friction during wire insertion, and also retards corrosion.

- Sizes:** Nominal trade sizes from ½" to 4"
- Lengths:** EMT is produced in traditional 10 foot lengths, as well as 5 foot and 20 foot lengths. Wheatland was the first to introduce 20 foot lengths, which are factory inventoried in all EMT trade sizes. Our 5 foot lengths are only available in ½ and ¾ trade sizes.
- Protection:** EMT provides mechanical protection for the cables and conductors, reduces Electro-Magnetic Field (EMF) exposure, shields against Electro-Magnetic Interference (EMI) and provides an excellent electrical path to ground.
- Green:** The steel used to produce Wheatland's EMT contains recycled steel and is virtually totally recyclable. Steel is the most recycled material in the world, but the recycling may not take place for decades, since the service life of steel conduit is very long. Conductors can easily be removed and new conductors inserted; additional circuits may be added in the same conduit.

Specifications

Wheatland's Fas Trak Electrical Metallic Tubing (EMT) is manufactured in accordance with the latest specifications and standards of ANSI® C80.3, UL 797, and federal specification WW-C-563.

Trade Size Identification

Bundles of finished EMT are wrapped with industry color-coded, special lightweight filament tape. Black tape identifies trade sizes ½" and 1 ½", red tape identifies ¾" and 1 ¼", and blue tape 1". Trade sizes 2" and larger are not bundled.

Protects Against EMI

Steel EMT reduces exposure to EMF and shields against Electro-Magnetic Interference (EMI) at power frequencies which could impact computers and other sensitive electronic equipment and controls. Contact Wheatland's Marketing Department at info@wheatland.com for a copy of Georgia Tech's Grounding and Electro-Magnetic Interference (GEMI) Analysis software.

Provides Equipment Grounding

EMT is approved for use by NFPA 70: National

Electrical Code® as an equipment grounding conductor when utilizing the appropriate fittings in a Code compliant installation.

Circuit Identification

You can identify critical systems easily with Wheatland Tube Company's new Color Check color-coded EMT in 10' and 20' lengths. Color Check EMT offers the same in-line galvanized OD corrosion protection as traditional Wheatland EMT, and features a brilliant durable top-coat in assorted colors for immediate recognition of your systems. No more spray painting or taping in the field!

Electrical Metallic Tubing (EMT)

Weights and Dimensions

Trade Size	Metric Designator	Weight		Outside Diameter(1)		Inside Diameter(2)		Wall Thickness(2)	
		10 Unit Lengths lb	kg	in.	mm	in.	mm	in.	mm
½	16	30	13.6	0.706	17.93	0.622	15.80	.042	1.07
¾	21	46	20.9	0.922	23.42	0.824	20.93	.049	1.24
1	27	67	30.4	1.163	29.54	1.049	26.64	.057	1.45
1¼	35	101	45.8	1.510	38.35	1.380	35.05	.065	1.65
1½	41	116	52.6	1.740	44.20	1.610	40.89	.065	1.65
2	53	148	67.1	2.197	55.80	2.067	52.50	.065	1.65
2½	63	216	98.0	2.875	73.03	2.731	69.37	.072	1.83
3	78	263	119.3	3.500	88.90	3.356	85.24	.072	1.83
3½	91	349	158.3	4.000	101.60	3.834	97.38	.083	2.11
4	103	393	178.3	4.500	114.30	4.334	110.08	.083	2.11

Notes : Applicable tolerances Length: 10 Ft. (3.05 m) +/- 1/4 in. (+/- 6.35 mm)

(1) Outside Diameter: 1/2 - 2 +/- 0.005 in. (16 - 53 +/- 0.13mm), 2-1/2 +/- 0.010 in. (63 +/- 0.25 mm), 3 +/- 0.015 in. (78 +/- 0.38 mm) , 3-1/2 - 4 +/- 0.020 in. (91 - 103 +/- 0.51 mm).

(2) For information only, not a UL 797 requirement.

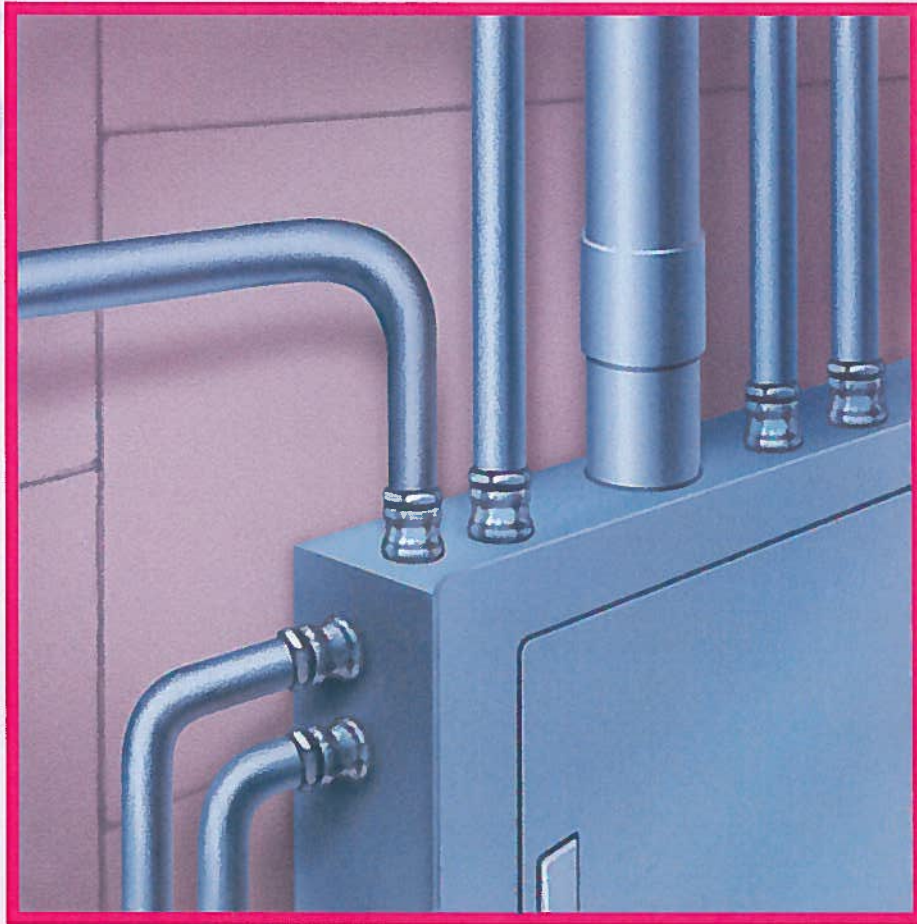
Packaging

Trade Size	Metric Designator	Threads Protectors Color	Quantity Per Bundle		Quantity Per Lift				Weight Per Lift		Volume Per Lift	
			Feet	Meters	Pieces	Bundles	Feet	Meters	Pounds	Kilograms	Cu. Feet	Cu. m
½	16	Black	100	30.5	---	70	7000	2134	2100	952.5	31.7	0.9
¾	21	Red	100	30.5	---	50	5000	1524	2300	1043.3	36.1	1.0
1	27	Blue	100	30.5	---	30	3000	914	2010	911.7	36.5	1.0
1¼	35	Red	50	15.2	---	40	2000	610	2020	916.3	38.2	1.1
1½	41	Black	50	15.2	---	30	1500	457	1740	789.3	37.9	1.1
2	53	---	---	---	120	---	1200	366	1776	805.6	46.7	1.3
2½	63	---	---	---	61	---	610	186	1318	597.8	41.5	1.2
3	78	---	---	---	51	---	510	155	1341	608.3	48.9	1.4
3½	91	---	---	---	37	---	370	113	1291	585.6	48.6	1.4
4	103	---	---	---	30	---	300	91	1179	534.8	50.0	1.4

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.

Electrical Conduit and EMT Fittings

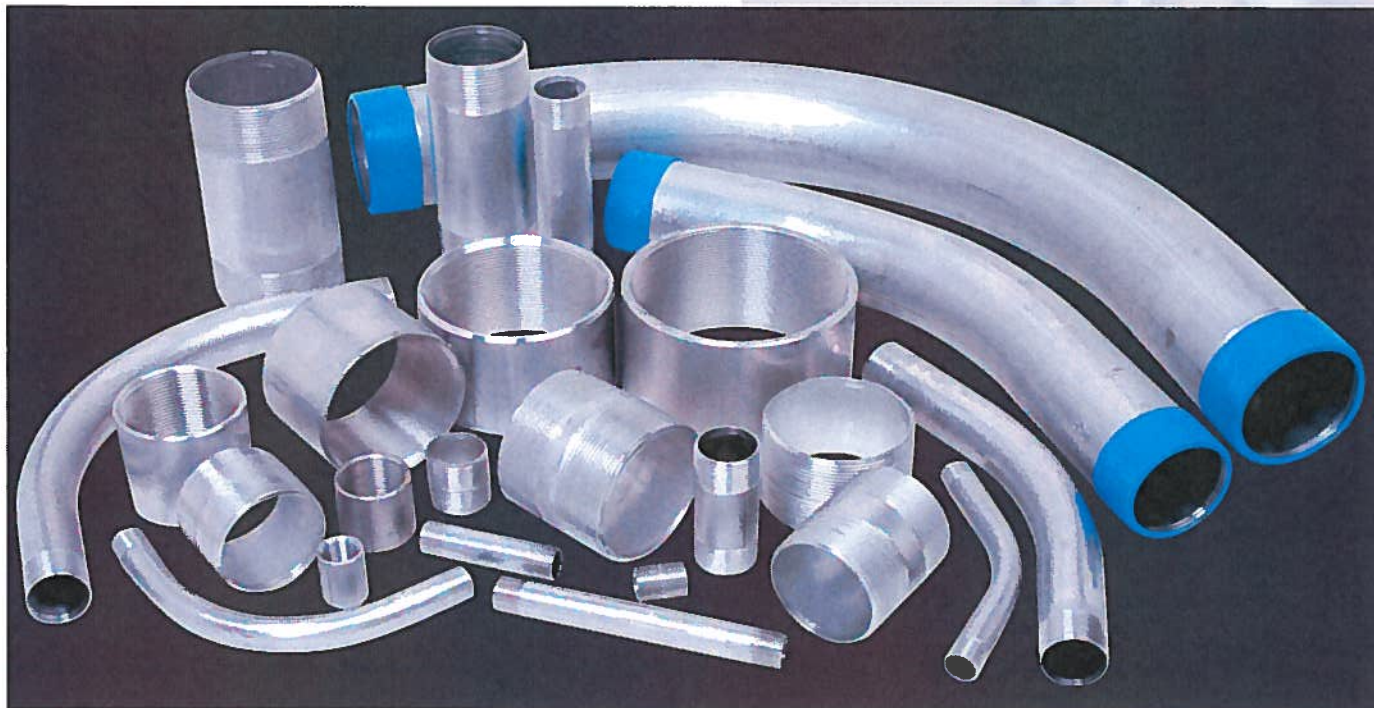
Nipples, Elbows and Couplings



Wheatland Tube

JMC STEEL GROUP

Always The Best Fit



Wheatland manufactures a full line of complementary tubular fittings — nipples, elbows, couplings and running thread — made from the same materials as our raceways. RMC nipples are a shorter length of RMC and are threaded on both ends. Elbows are bent sections of conduit or tubing and are an important element of a raceway installation. Like our nipples, our elbows are threaded on both ends. Couplings are ID threaded from metal stock that has its ID sized, so when threaded, it will mate with the OD threads of the conduit. The pitch of conduit threads conforms to the American National Standard for Pipe Threads, General Purpose (Inch), ANSI/ASME B1.20.1. The taper of threads is 3/4 inch per foot (1 in 16).

The Winning Team

When the job needs to be done on time and within budget, rely on Wheatland, the only company in the industry that produces all of its fittings in house. Our in-house, hot-dip galvanizing process is the quality benchmark for the industry.

Most of our fittings are produced in-house, using the latest technology and equipment. This assures a complete quality system for your raceways, from start-to-finish. Experience. Quality. Total in-house capabilities. You and Wheatland. That's *the* winning team.

Specifications

The same quality standards that cover our steel conduit and tubing also cover our nipples, elbows and

couplings. Wheatland's steel tubular fittings are manufactured in accordance with the applicable UL standard, Federal Specifications, and the American National Standards Institute C80 standard. All of our steel Rigid Metal Conduit fittings, RMC/IMC couplings, and Yard-Light elbows are galvanized and conduit threads conform to the American National Standard for Pipe Threads, General Purpose (Inch), ANSI/ASME B1.20.1.

Our aluminum RMC nipples, elbows and couplings adhere to the following standards: UL6A, Federal Specifications WW-C-540c and the American National Standards Institute C80.5.

Our steel RMC nipples, elbows and couplings adhere to the following standards: UL6, Federal Specifications WW-C-581 class 1, type A and the American National Standards Institute C80.1

Our steel IMC nipples and elbows adhere to the following standards: UL 1242, Federal Specifications WW-C-581 class 2, type A and the American National Standards Institute C80.6

Our steel EMT elbows adhere to the following standards: UL797, Federal Specifications WW-C-563 and the American National Standards Institute C80.3

Information on the weights, dimensions and packaging of our fittings are available in our product bulletins. For copies, please contact Wheatland's Marketing Department at info@wheatland.com.

Rigid Steel Conduit Nipples - Galvanized

Weights and Packaging

Length	CLOSE			1½"		2"		2½"		3"		3½"	
Trade Size	Length* (in.)	Standard Carton Quantity	Weight Per 100 lbs.	Standard Carton Quantity	Weight Per 100 lbs.	Standard Carton Quantity	Weight Per 100 lbs.	Standard Carton Quantity	Weight Per 100 lbs.	Standard Carton Quantity	Weight Per 100 lbs.	Standard Carton Quantity	Weight Per 100 lbs.
½	1½	25	6	25	8	25	12	25	15	25	19	25	22
¾	1¾	25	9	25	9	25	14	25	19	25	24	25	28
1	1½	25	16	--	--	25	22	25	28	25	36	25	43
1¼	1¾	25	22	--	--	25	28	25	37	25	47	25	55
1½	1¾	25	28	--	--	25	34	25	44	25	56	25	68
2	2	25	44	--	--	--	--	25	59	25	72	25	88
2½	2¾	B	84	--	--	--	--	--	--	B	100	B	120
3	2¾	B	118	--	--	--	--	--	--	B	130	B	157
3½	2¾	B	160	--	--	--	--	--	--	--	--	--	--
4	2¾	B	180	--	--	--	--	--	--	--	--	--	--
5	3	B	240	--	--	--	--	--	--	--	--	--	--
6	3½	B	350	--	--	--	--	--	--	--	--	--	--

*Length reference is for Close Nipples only.

Weights and Packaging

Length	4"		5"		6"		8"		10"		12"	
Trade Size	Standard Carton Quantity	Weight Per 100 lbs.	Standard Carton Quantity	Weight Per 100 lbs.	Standard Carton Quantity	Weight Per 100 lbs.	Standard Carton Quantity	Weight Per 100 lbs.	Standard Carton Quantity	Weight Per 100 lbs.	Standard Carton Quantity	Weight Per 100 lbs.
½	25	26	25	33	25	40	25	54	25	68	25	82
¾	25	34	25	43	25	52	25	73	25	89	25	109
1	25	49	25	64	25	78	25	109	25	138	25	166
1¼	25	66	25	84	25	100	25	136	25	176	25	216
1½	25	80	25	103	25	122	25	170	25	216	12	260
2	25	103	25	132	25	160	12	220	12	285	12	335
2½	B	150	B	197	B	240	B	329	B	422	B	505
3	B	200	B	260	B	300	B	411	B	528	B	630
3½	B	240	B	320	B	373	B	510	B	655	B	785
4	B	285	B	380	B	440	B	600	B	775	B	925
5	--	--	B	480	B	600	B	825	B	1055	B	1260
6	--	--	B	660	B	820	B	1125	B	1440	B	1720

Prices are available upon request for nipples in lengths longer than 12" or with special threading requirements.

Steel Conduit

EMT Elbows 90°

Trade Size	Min. UL Radius (in.)	Offset	Weight lbs.**		Std. Carton Qty.
			Per 100	Per Ctn.	
½	4	6¼	26	13	50
¾	4½	7⅞	46	23	50
1	5¾	9¼	92	23	25
1¼	7¼	10½	135	27	20
1½	8¼	12¾	200	30	15
2	9½	14¼	280	28	10
2½*	10½	18¾	500	250	50
3*	13	20	750	375	50
3½*	15	23¾	1014	355	35
4*	16	26¾	1300	455	35

*Trade sizes 2½ and larger shipped in palletized cartons or bulk.
 **Weights for Standard 90° elbows shown above are approximate. To estimate weight for 60°, deduct 10%; for 45°, deduct 15%; for 30°, deduct 20%. Underwriters Laboratories, Inc. UL 797, American National Standards Institute, C80.3.

Rigid/IMC Couplings - Galvanized Steel

Trade Size	Outside Diameter	Length* (in.)	Weight lbs.**		Std. Carton Qty.
			Per 100	Per Ctn.	
½	1.010	1¾	12	12	100
¾	1.250	1¾¼	18	9	50
1	1.525	1¾½	30	9	30
1¼	1.869	2¾½	37	9	25
1½	2.155	2¾⅞	52	13	25
2	2.650	2¾	72	15	20
2½	3.250	3¾⅞	170	41	24
3	3.87	3¾⅞	210	34	16
3½	4.500	3¾¾	340	41	12
4	4.875	3¾¾	300	30	10
5	6.000	3¾¾	475	Bulk	Bulk
6	7.200	4¾	765	Bulk	Bulk

Manufactured to UL Specifications.
 *Minimum dimensions per UL 6.

Rigid Steel Conduit Running Thread Pipe

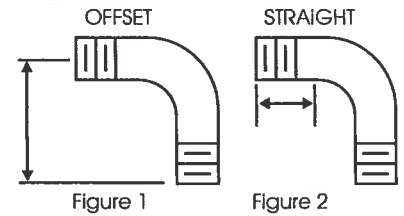
Trade Size	Feet Per Carton	Weight lbs.**	
		Per 100 Ft.	Per Ctn.
½	102'	18	19
¾	102'	29	30
¾	102'	42	43
½	60'	62	37
¾	75'	85	64
1	60'	103	62
1¼	36'	141	51
1½	30'	180	54
2	24'	249	60
2½	12'	383	46
3	9'	496	45
3½	6'	631	38
4	6'	722	43

3 Foot Lengths: TYPE "C" Galvanized, Electro Plated Threads.

Rigid Steel Conduit - Galvanized Elbows 90°

Trade Size	Min. UL Radius (in.)	Offset Fig. 1	Straight Fig. 2	Weight lbs.**		Std. Carton Qty.
				Per 100	Per Ctn.	
½	4	6¾	1¾	70	35	50
¾	4½	7⅞	2¼	112	56	50
1	5¾	9½	2¼	192	48	25
1¼	7¼	11¾	3	320	64	20
1½	8¼	12¾⅞	3½	413	62	15
2	9½	15½	4	670	67	10
2½*	10½	19¼	4¾	1200	600	50
3*	13	21½	6	1900	665	35
3½*	15	24¼	5½	2800	700	25
4*	16	25½	5¾	3100	775	25
5*	24	37⅞	8¾	6800	Bulk	Bulk
6*	30	49¼	13¾	11400	Bulk	Bulk

*Sizes 2½ and larger shipped in palletized cartons or bulk. Palletized and Bulk elbows supplied with a thread protector on each end and UL label affixed.
 **Weights for Standard 90° elbows shown above are approximate. To estimate weight for 60°, deduct 10%; for 45°, deduct 15%; for 30°, deduct 20%.

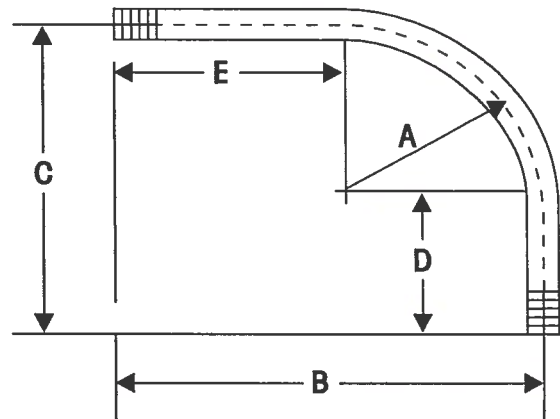


Rigid Steel Conduit Elbows - Galvanized

Special Large Radius 90°

Trade Size	12" Radius	15" Radius	18" Radius	24" Radius	30" Radius	36" Radius	42" Radius	48" Radius
	Weight Each In Lbs.							
1	4	6	5	6	9	9	12	13
1½	6	7	7	9	12	13	16	18
1½	8	9	10	11	15	16	19	21
2	10	10	11	14	20	22	24	26
2½	15	19	18	23	27	32	39	44
3	--	25	23	32	37	45	52	57
3½	--	Standard Radius	31	35	42	54	62	69
4	--	--	38	45	54	64	73	81
5	--	--	--	Standard Radius	85	94	100	120
6	--	--	--	--	Standard Radius	131	140	160

*Weights for Special Large Radius 90° elbows shown above are approximate. To estimate weight for 60°, deduct 10%; for 45°, deduct 15%; for 30°, deduct 20%. Underwriters Laboratories, Inc. No. UL6, American National Standards Institute, C80.1.



Yard-Light Elbows - Galvanized

Trade Size	Pieces Per Carton	Weight lbs.**	
		Per 100 Pcs.	Per Ctn.
½	25	150	38
¾	25	202	51
1	25	316	79
1½	10	477	48
1½	5	609	30
2	Bulk	911	--
2½	Bulk	1530	--
3	Bulk	2279	--
3½	Bulk	3082	--
4	Bulk	3799	--

Dimensions of Yard-Light Elbows - Galvanized

Trade Size	1/2	3/4	1	1¼	1½	2	2½	3	3½	4
A	4	4½	5½	7¼	8¼	9½	10½	13	15	16
B	18	18	18	19¼	20½	21½	22½	25	27	28
C	6¾	6¾	8¾	10¼	11¾	14½	16	19¼	22¾	24
D	2¾	2¼	2½	3¼	3¾	5	5½	6¼	7¼	8
E	14	13½	12¼	12¼	12¼	12	12	12	12	12

ALUMINUM RIGID CONDUIT ACCESSORIES

ALL DIMENSIONS PROVIDED ARE FOR DESCRIPTIVE PURPOSES ONLY*

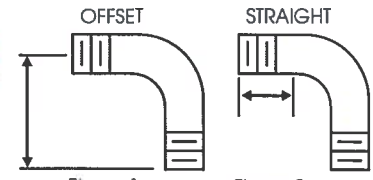


Figure 1

Figure 2

Rigid Coupling - Aluminum

Trade Size	Outside Diameter	Length **	Weight lbs.**		Std. Carton Qty.
			Per 100	Per Ctn.	
½	1.078"	1⅞"	6	6	100
¾	1.328"	1⅞"	9	5	50
1	1.562"	2"	13	4	30
1¼	1.953"	2⅞"	19	5	25
1½	2.219"	2⅞"	23	6	25
2	2.750"	3"	35	7	20
2½	3.281"	3⅞"	68	16	24
3	3.812"	3⅞"	91	15	16
3½	4.438"	3⅞"	108	13	12
4	5.000"	3½"	142	14	10
5	6.219"	3⅞"	242	--	Bulk
6	7.312"	4"	320	--	Bulk

Couplings manufactured to UL Specifications

**Minimum dimension per UL 6A.

Rigid Aluminum Conduit Elbows 90°

Trade Size	Radius **	Offset Fig. 1	Length Fig. 2	Weight lbs.**		Std. Carton Qty.
				Per 100	Per Ctn.	
½	4"	6⅞"	1¾"	26	13	50
¾	4½"	7⅞"	2¼"	40	20	50
1	5¾"	9½"	2¼"	72	18	25
1¼	7¼"	11⅞"	3"	105	21	20
1½	8¼"	12⅞"	3½"	153	23	15
2	9½"	15½"	4"	210	21	10
*2½	10½"	19¼"	4¾"	500	250	50
*3	13"	21½"	6"	800	280	35
*3½	15"	24½"	5½"	900	225	25
*4	16"	25½"	5¾"	1200	300	25
*5	24"	37⅞"	8½"	2400	--	Bulk
*6	30"	49½"	13¼"	3800	--	Bulk

*Trade Sizes 2½ and larger shipped in palletized cartons or bulk. Palletized and Bulk elbows supplied with a thread protector on each end and UL label affixed.

**Minimum dimension per UL 6A

Rigid Aluminum Conduit Nipples

Length	CLOSE		1½"		2"		2½"		3"		3½"		4"		5"		
	Trade Size	Length*	Std. Carton	Wt. Per 100	Std. Carton	Wt. Per 100	Std. Carton	Wt. Per 100	Std. Carton	Wt. Per 100	Std. Carton	Wt. Per 100	Std. Carton	Wt. Per 100	Std. Carton	Wt. Per 100	
½	1¼"	25	2	25	3	25	4	25	5	25	7	25	8	25	9	25	12
¾	1½"	25	3	25	3	25	5	25	7	25	8	25	10	25	12	25	15
1	1¾"	25	4	--	--	25	7	25	8	25	12	25	14	25	16	25	21
1¼	1⅞"	25	7	--	--	25	10	25	13	25	16	25	20	25	23	25	29
1½	2"	25	10	--	--	25	12	25	16	25	20	25	24	25	28	25	36
2	2½"	25	16	--	--	--	--	25	22	25	27	25	32	25	38	25	48
2½	3"	12	22	--	--	--	--	--	10	30	10	39	10	47	12	64	
3	3½"	12	24	--	--	--	--	--	10	42	10	53	10	64	10	86	
3½	4"	12	42	--	--	--	--	--	--	--	--	--	10	75	10	101	
4	4½"	12	51	--	--	--	--	--	--	--	--	--	10	87	10	118	
5	5"	Bulk	71	--	--	--	--	--	--	--	--	--	--	--	Bulk	155	
6	6"	Bulk	105	--	--	--	--	--	--	--	--	--	--	--	Bulk	208	

*Length reference is for Close Nipples only

Rigid Aluminum Conduit Nipples

Length	6"		8"		10"		12"	
	Std. Ctn.	Wt. Per 100	Std. Ctn.	Wt. Per 100	Std. Ctn.	Wt. Per 100	Std. Ctn.	Wt. Per 100
½	25	14	25	19	25	24	25	29
¾	25	18	25	25	25	31	25	38
1	25	26	25	36	25	45	25	55
1¼	25	36	25	49	25	62	25	75
1½	25	44	25	59	25	74	25	90
2	25	58	12	78	12	100	12	120
2½	12	80	10	114	5	148	5	180
3	10	108	10	152	5	196	5	240
3½	5	128	5	180	5	234	5	286
4	5	149	5	212	5	274	5	336
5	Bulk	197	Bulk	281	Bulk	366	Bulk	450
6	Bulk	263	Bulk	372	Bulk	481	Bulk	591

Rigid Aluminum Conduit Special Large Radius 90° Elbows

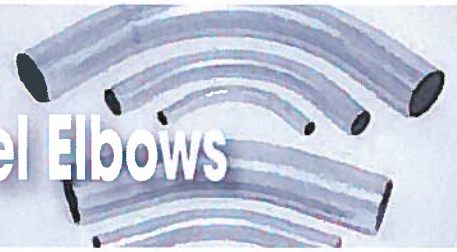
Trade Size	12" Radius	15" Radius	18" Radius	24" Radius	30" Radius	36" Radius	42" Radius	48" Radius
	Weight* Each in Lbs.							
1	1	2	2	3	3	4	4	5
1¼	2	3	3	3	4	5	6	6
1½	3	3	4	4	5	6	7	8
2	4	3	4	5	7	8	9	10
2½	6	7	6	8	10	12	14	16
3	--	9	8	11	13	16	18	21
3½	--	Standard Radius	11	14	16	19	22	25
4	--	--	14	16	19	23	26	29
5	--	--	--	Standard Radius	29	34	37	44
6	--	--	--	--	Standard Radius	42	49	58

*WEIGHTS for Standard and Special Large Radius 90° elbows are approximate. To estimate weight for 60°, deduct 10%; for 45°, deduct 15%; for 30° deduct 20%. Aluminum nipples, elbows and couplings are manufactured in conformance to Underwriters Laboratories, Inc. Standard UL 6A and American National Standards Institute ANSI C80.5.

STEEL CONDUIT

Electrical Metallic Tubing (EMT) - Steel Elbows

SUBMITTAL DATA SHEET



Electrical Metallic Tubing (EMT) - Steel Elbows Conforms With:

- ANSI – American National Standard for Steel Electrical Metallic Tubing, (EMT) ANSI, C80.3
- UL Standard for Electrical Metallic Tubing – Steel, UL797
- National Electrical Code® 2008 Article 358
- Federal Specification WW-C-563

- Permitted in or under cinder concrete or fill where subject to permanent moisture when protected on all sides by a layer of noncinder concrete not less than 2 in. (50 mm) thick or with corrosion protection judged suitable for the condition
- May be used with Aluminum fittings and enclosures when not subject to severe corrosive influences

Electrical Metallic Tubing (EMT) - Steel Elbows:

- May be used where not subject to severe physical damage
- Permitted for exposed and concealed work
- Shall be permitted to be installed in concrete, in direct contact with the earth
- Permitted in areas of severe corrosive influences where protected by corrosion protection and judged suitable for the condition

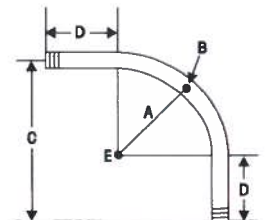
Electrical Metallic Tubing (EMT) Dimensions

Trade Size	Metric Designator	Outside Diameter ¹	Inside Diameter ¹	Wall ¹
1/2	16	0.706	0.622	0.042
3/4	21	0.922	0.824	0.049
1	27	1.163	1.049	0.057
1 1/4	35	1.510	1.380	0.065
1 1/2	41	1.740	1.610	0.065
2	53	2.197	2.067	0.065
2 1/2	63	2.875	2.731	0.072
3	78	3.500	3.560	0.072
3 1/2	91	4.000	3.834	0.083
4	103	4.500	4.334	0.083

Notes: (1) outside diameter subject to UL 797 tolerances
(2) for informational only, not a UL 797 requirement

Dimensions of Special Large Radius 90° Elbows

Trade Size	1" - 2-1/2"	1" - 3"	1" - 4"	1" - 4"	1" - 5"	1" - 6"	1" - 6"	1" - 6"
When Radius "A" is	12"	15"	18"	24"	30"	36"	42"	48"
Offset "C" is	1'9"	2'0"	2'4"	2'11"	3'5"	3'11"	4'6"	5'0"
Straight End "D" is	9"	9"	10"	11"	11"	11"	12"	12"
Length Unbent is	3'0"	3'6"	4'0"	4'11"	5'9"	6'6"	7'6"	8'4"



Project: _____ Contractor: _____ Date: _____

Engineer: _____ Specification Reference: _____ System Type: _____

Locations: _____ Comments: _____



Wheatland Tube
JMC STEEL GROUP

700 South Dock Street, Sharon, PA 16146
Ph: 800.257.8182 • Fax: 724.346.7260
info@wheatland.com • www.wheatland.com



Made in U.S.A.

WHEMCE-110111

T&B Fittings



T&B Catalog Number: 370AL
UPC Number: 78621082915
Description: 1/2" Hub Connector, Aluminum. For use with Rigid/IMC Conduit.

Status: Active

Features

- With Neoprene "O" ring provides a watertight threaded hub on enclosures. U.L. Listed 105° C.

Application

- To connect threaded metal conduit (ferrous rigid/ non-ferrous rigid/PVC coated/or intermediate metal) to a threadless opening in a box or enclosure in outdoor or indoor location exposed to continuous or intermittent moisture. To positively bond conduit to box or enclosure.

- Suitable for hazardous locations use in Class I, Division 2; Class II, Division 1&2; Class III, Division 1 & 2 per NEC 501-4(b); 502-4 (a) and 503-3 (a).

- Suitable for hazardous locations use in Class II, Groups E, F, G & Class III locations per CEC 18-202; 18-252; 18-302; 18-352.

General

-Trade Size (inches) 1/2
 -Material Aluminum

Dimension Information

-Dimension A (inches) 1 3/8
 -Dimension B (inches) 1 1/4
 -Dimension C (inches) 3/4

Specifications

-3dmodel Available on Website

Packaging

-T&B Inner Pack 25
 -Package in Units 100
 -T&B Sold in UOM Each
 -T&B Weight Per UOM 9.7 lbs. per 100

Application Support

-Spacing Chart Available on Website
 -Rigid/IMC Conduit Fittings Overview & Specification Available on Website

Notes

-*Note Suitable for hazardous locations use in Class I, Div.2; Class II, Div.2; Class III, Div. 1 and 2 where general purpose equipment is specifically permitted per NEC Section 500-2(a).

-**Note Aluminum not available with insulated throat.

-***Note Available with DURA-PLATE® Finish

Certifications

-RoHS Compliance Yes

Set Screw and Non-Set Screw Insulated Grounding Bushings for Threadless/ Threaded Rigid Metal Conduit/IMC

GIB-LS-AC and GIB-L-AC Series - with Aluminum Lay-In-Lug™ for Copper or Aluminum Conductors.
GIB-LS-BC and GIB-L-BC Series - with Bronze Lay-In-Lug™ for Copper Conductors Only.

Applications

- GIB-LS Series insulated bushings fasten and ground threadless rigid metal conduit to an enclosure.
- GIB-L Series insulated bushings fasten and ground threaded rigid metal conduit to an enclosure.
- Can be used with a locknut to terminate conduit at an enclosure.
- Lug used to connect bonding jumper to a neutral bus bar.

Features

- Temperature rating 150 °C.
- Insulating liner material is self-extinguishing.
- The plastic liner is tough. It won't chip, crack, swell or shrink. It resists corrosion, chemicals and temperature extremes. Surface friction is so low that wires can be pulled with virtually no abrasion on the cable insulation.

- GIB-LS Series is provided with a set-screw allowing fitting to lock bushing in any desired position.
- UL listed for use with copper or aluminum grounding conductors.
- Lugs not sold separately.

Material/Finish

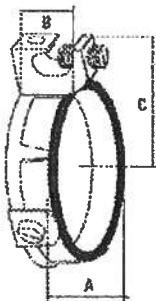
- Body: malleable iron/zinc plated
- Lug: aluminum/tin plated or bronze/bright dip
- Clamping and set screw: steel/zinc plated

Certifications and Compliances

- UL Standard: 467
- UL Listed: E6581
- CSA Standard: C22.2 No. 41
- NEMA: FB-1

COMMERCIAL PRODUCTS: RIGID AND IMC FITTINGS

Commercial Products



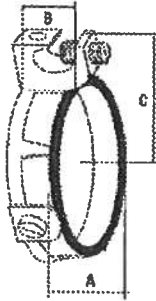
Catalog Number Aluminum Lug	Catalog Number Bronze Lug	Trade Size (Inches)	Wire Size		Dimensions in Inches/Millimeters		
			Min.	Max.	A Bushing Diameter	B Bushing Height	C Turning Radius w/ Lug
GIB-50LS-4AC	GIB-50LS-4BC	1/2	14 SOL	4 STR	1.19/ 30.2	0.44/ 11.2	1.19/ 30.2
GIB-75LS-4AC	GIB-75LS-4BC	3/4	14 SOL	4 STR	1.44/ 36.6	0.50/ 12.7	1.31/ 33.3
GIB-100LS-4AC	GIB-100LS-4BC	1	14 SOL	4 STR	1.75/ 44.5	0.56/ 14.2	1.44/ 36.6
GIB-100LS-20AC	GIB-100LS-20BC	1	14 SOL	2/0 STR	1.75/ 44.5	0.56/ 14.2	1.69/ 42.9
GIB-125LS-4AC	GIB-125LS-4BC	1-1/4	14 SOL	4 STR	2.13/ 54.1	0.63/ 16.0	1.63/ 41.4
GIB-125LS-20AC	GIB-125LS-20BC	1-1/4	14 SOL	2/0 STR	2.13/ 54.1	0.63/ 16.0	1.41/ 35.8
GIB-150LS-4AC	GIB-150LS-4BC	1-1/2	14 SOL	4 STR	2.31/ 58.7	0.69/ 17.5	1.75/ 44.5
GIB-150LS-20AC	GIB-150LS-20BC	1-1/2	14 SOL	2/0 STR	2.31/ 58.7	0.69/ 17.5	2.00/ 50.8
GIB-200LS-4AC	GIB-200LS-4BC	2	14 SOL	4 STR	2.81/ 71.4	0.75/ 19.1	2.00/ 50.8
GIB-200LS-20AC	GIB-200LS-20BC	2	14 SOL	2/0 STR	2.81/ 71.4	0.75/ 19.1	2.25/ 57.2
GIB-250LS-4AC	GIB-250LS-4BC	2-1/2	14 SOL	4 STR	3.38/ 85.9	0.88/ 22.4	2.25/ 57.2
GIB-250LS-20AC	GIB-250LS-20BC	2-1/2	14 SOL	2/0 STR	3.38/ 85.9	0.88/ 22.4	2.50/ 63.5
GIB-250LS-25AC	GIB-250LS-25BC	2-1/2	6 STR	250 STR	3.38/ 85.9	0.88/ 22.4	2.47/ 62.7
GIB-300LS-4AC	GIB-300LS-4BC	3	14 SOL	4 STR	4.06/ 103.1	1.31/ 33.3	2.63/ 66.8
GIB-300LS-20AC	GIB-300LS-20BC	3	14 SOL	2/0 STR	4.06/ 103.1	1.31/ 33.3	2.81/ 71.4
GIB-300LS-25AC	GIB-300LS-25BC	3	6 STR	250 STR	4.06/ 103.1	1.31/ 33.3	3.31/ 84.1

Set Screw Insulated Grounding Bushings for Threadless Rigid Metal Conduit/IMC

GIB-LS-AC Series – with Aluminum Lay-In-Lug™ for Copper or Aluminum Conductors.

GIB-LS-BC Series – with Bronze Lay-In-Lug™ for Copper Conductors Only.

Catalog Number Aluminum Lug	Catalog Number Bronze Lug	Trade Size (Inches)	Wire Size		Dimensions in Inches/Millimeters		
			Min.	Max.	A Bushing Diameter	B Bushing Height	C Turning Radius w/Lug
GIB-350LS-4AC	GIB-350LS-4BC	3-1/2	14 SOL	4 STR	4.50/ 114.3	1.00/ 25.4	2.88/ 73.2
GIB-350LS-20AC	GIB-350LS-20BC	3-1/2	14 SOL	2/0 STR	4.50/ 114.3	1.00/ 25.4	3.06/ 77.7
GIB-350LS-25AC	GIB-350LS-25BC	3-1/2	6 STR	250 STR	4.50/ 114.3	1.00/ 25.4	3.50/ 88.9
GIB-400LS-4AC	GIB-400LS-4BC	4	14 SOL	4 STR	5.19/ 131.8	1.06/ 26.9	3.13/ 79.5
GIB-400LS-20AC	GIB-400LS-20BC	4	14 SOL	2/0 STR	5.19/ 131.8	1.06/ 26.9	3.38/ 85.9
GIB-400LS-25AC	GIB-400LS-25BC	4	6 STR	250 STR	5.19/ 131.8	1.06/ 26.9	3.81/ 96.8
GIB-500LS-4AC	GIB-500LS-4BC	5	14 SOL	4 STR	8.06/ 153.9	1.25/ 31.8	3.63/ 92.2
GIB-500LS-20AC	GIB-500LS-20BC	5	14 SOL	2/0 STR	6.06/ 153.9	1.25/ 31.8	3.88/ 98.6
GIB-500LS-25AC	GIB-500LS-25BC	5	6 STR	250 STR	6.06/ 153.9	1.25/ 31.8	4.31/ 109.5
GIB-600LS-4AC	GIB-600LS-4BC	6	14 SOL	4 STR	7.25/ 184.2	1.31/ 33.3	4.25/ 108.0
GIB-600LS-20AC	GIB-600LS-20BC	6	14 SOL	2/0 STR	7.25/ 184.2	1.31/ 33.3	4.44/ 112.8
GIB-600LS-25AC	GIB-600LS-25BC	6	6 STR	250 STR	7.25/ 184.2	1.31/ 33.3	4.88/ 124.0



COMMERCIAL PRODUCTS: RIGID AND IMC FITTINGS

Commercial Products

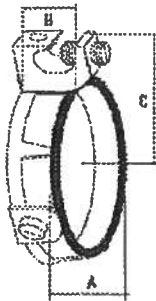
Insulated Grounding Bushings for Threaded Rigid Metal Conduit and IMC

GIB-L-AC Series – with Aluminum Lay-In-Lug™ for Copper or Aluminum Conductors.

GIB-L-BC Series – with Bronze Lay-In-Lug™ for Copper Conductors Only.

COMMERCIAL PRODUCTS: RIGID AND IMC FITTINGS

Commercial Products



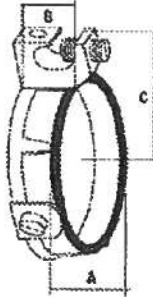
Catalog Number Aluminum Lug	Catalog Number Bronze Lug	Trade Size (Inches)	Wire Size		Dimensions in Inches/Millimeters		
			Min.	Max.	A Bushing Diameter	B Bushing Height	C Turning Radius w/Lug
GIB-50L-4AC	GIB-50L-4BC	1/2	14 SOL	4 STR	1.41/ 35.8	0.44/ 11.2	1.19/ 30.2
GIB-75L-4AC	GIB-75L-4BC	3/4	14 SOL	4 STR	1.44/ 36.6	0.50/ 12.7	1.31/ 33.3
GIB-100L-4AC	GIB-100L-4BC	1	14 SOL	4 STR	1.75/ 44.5	0.56/ 14.2	1.44/ 36.6
GIB-100L-20AC	GIB-100L-20BC	1	14 SOL	2/0 STR	1.75/ 44.5	0.56/ 14.2	1.69/ 42.9
GIB-125L-4AC	GIB-125L-4BC	1-1/4	14 SOL	4 STR	2.13/ 54.1	0.63/ 16.0	1.63/ 41.4
GIB-125L-20AC	GIB-125L-20BC	1-1/4	14 SOL	2/0 STR	2.13/ 54.1	0.63/ 16.0	1.41/ 35.8
GIB-150L-4AC	GIB-150L-4BC	1-1/2	14 SOL	4 STR	2.31/ 58.7	0.69/ 17.5	1.75/ 44.5
GIB-150L-20AC	GIB-150L-20BC	1-1/2	14 SOL	2/0 STR	2.31/ 58.7	0.69/ 17.5	2.00/ 50.8
GIB-200L-4AC	GIB-200L-4BC	2	14 SOL	4 STR	2.81/ 71.4	0.75/ 19.1	2.00/ 50.8
GIB-200L-20AC	GIB-200L-20BC	2	14 SOL	2/0 STR	2.81/ 71.4	0.75/ 19.1	2.25/ 57.2
GIB-250L-4AC	GIB-250L-4BC	2-1/2	14 SOL	4 STR	3.38/ 85.9	0.88/ 22.4	2.25/ 57.2
GIB-250L-20AC	GIB-250L-20BC	2-1/2	14 SOL	2/0 STR	3.38/ 85.9	0.88/ 22.4	2.50/ 63.5
GIB-250L-25AC	GIB-250L-25BC	2-1/2	6 STR	250 STR	3.38/ 85.9	0.88/ 22.4	2.47/ 62.7
GIB-300L-4AC	GIB-300L-4BC	3	14 SOL	4 STR	4.06/ 103.1	1.31/ 33.3	2.63/ 66.8
GIB-300L-20AC	GIB-300L-20BC	3	14 SOL	2/0 STR	4.06/ 103.1	1.31/ 33.3	2.81/ 71.4
GIB-300L-25AC	GIB-300L-25BC	3	6 STR	250 STR	4.06/ 103.1	1.31/ 33.3	3.31/ 84.1

Insulated Grounding Bushings for Threaded Rigid Metal Conduit and IMC

GIB-L-AC Series – with Aluminum Lay-In-Lug™ for Copper or Aluminum Conductors.

GIB-L-BC Series – with Bronze Lay-In-Lug™ for Copper Conductors Only.

Catalog Number Aluminum Lug	Catalog Number Bronze Lug	Trade Size (Inches)	Wire Size		Dimensions in Inches/Millimeters		
			Min.	Max.	A Bushing Diameter	B Bushing Height	C Turning Radius w/Lug
GIB-350L-4AC	GIB-350L-4BC	3-1/2	14 SOL	4 STR	4.50/ 114.3	1.00/ 25.4	2.88/ 73.2
GIB-350L-20AC	GIB-350L-20BC	3-1/2	14 SOL	2/0 STR	4.50/ 114.3	1.00/ 25.4	3.06/ 77.7
GIB-350L-25AC	GIB-350L-25BC	3-1/2	6 STR	250 STR	4.50/ 114.3	1.00/ 25.4	3.50/ 88.9
GIB-400L-4AC	GIB-400L-4BC	4	14 SOL	4 STR	5.19/ 131.8	1.06/ 26.9	3.13/ 79.5
GIB-400L-20AC	GIB-400L-20BC	4	14 SOL	2/0 STR	5.19/ 131.8	1.06/ 26.9	3.38/ 85.9
GIB-400L-25AC	GIB-400L-25BC	4	6 STR	250 STR	5.19/ 131.8	1.06/ 26.9	3.81/ 96.8
GIB-500L-4AC	GIB-500L-4BC	5	14 SOL	4 STR	6.06/ 153.9	1.25/ 31.8	3.63/ 92.2
GIB-500L-20AC	GIB-500L-20BC	5	14 SOL	2/0 STR	6.06/ 153.9	1.25/ 31.8	3.88/ 98.6
GIB-500L-25AC	GIB-500L-25BC	5	6 STR	250 STR	6.06/ 153.9	1.25/ 31.8	4.31/ 109.5
GIB-600L-4AC	GIB-600L-4BC	6	14 SOL	4 STR	7.25/ 184.2	1.31/ 33.3	4.25/ 108.0
GIB-600L-20AC	GIB-600L-20BC	6	14 SOL	2/0 STR	7.25/ 184.2	1.31/ 33.3	4.44/ 112.8
GIB-600L-25AC	GIB-600L-25BC	6	6 STR	250 STR	7.25/ 184.2	1.31/ 33.3	4.88/ 124.0



COMMERCIAL PRODUCTS: RIGID AND IMC FITTINGS

Commercial Products

Specification Grade Insulated Grounding Bushings

For Threaded Rigid Conduit & IMC

Type ABLG & Type RBLG

Copper Plus™ Lay-In-Lug™

Use:

To provide a compact means of grounding conduit through an Insulated Bushing. To protect insulated conductors from abrasion during pulling and mechanical vibration. To provide voltage gradient between line conductors and ground at point of electrical and mechanical stress on conductor insulation.

Features:

- Tin plated copper saddle for use with copper or aluminum conductors from #8 to 4/0.
- Copper conductor only for #14-4 lug and 250-500 lug.
- Allows easy insertion of grounding conductor for thru or end connection.
- Low grounding connector profile.
- Spring action design maintains positive firm contact on grounding conductor.
- Set screw provides fixed alignment and positive ground continuity.
- Phenolic insulation, with 150°C U.L. rating, molded on over metallic conduit stop will not shatter or shrink at sub-zero temperatures.
- Lugs not sold separately.

Material/Finish:

Type ABLG Aluminum Bushing with Stainless Steel screws
Type RBLG Bronze Bushing with Stainless Steel screws

Options:

Type ABLG grounding bushings are also available for threadless conduit in bronze and/or aluminum. Specify: Type RSBLG for bronze bushings or Type ASBLG for aluminum bushings. Contact your local representative for pricing and availability.

Third Party Certification:



UL Listed: E-24264



CSA Certified: 016978

Applicable Third Party Standards:

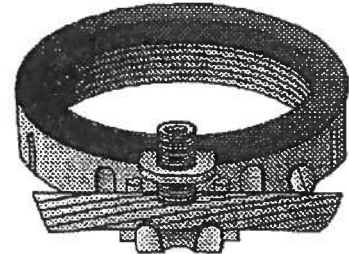
UL Standard: 614B, 487
CSA Standard: C22.2 No. 41
Fed. Spec: W-F-408E
NEMA: FB-1

Suggested Specifications:

O-Z/Gedney Type BLG insulated Lay-In-Lug grounding bushings with tin-plated copper grounding path shall be used on all feeder raceways and bushings shall have integrally molded noncombustible phenolic insulated surfaces rated 150°C.

Notes:

1 Caps to prevent entry of foreign matter into conduit prior to pulling cables are available. See Type PPC on Page DB1.



Type ABLG
Threaded

PATENTED

Trade Size (inches)	Copper Free Aluminum Catalog Number	Bronze Catalog Number	Grounding Wire Size*		Dimensions in Inches		
			Min.	Max.	Max. Dia. without lug	Max. Ht.	Turning Radius with lug
½	ABLG-0504	RBLG-0504	14	4	1½	½	1½
½	ABLG-0522	RBLG-0522	8	2/0	1½	½	1½
¾	ABLG-0704	RBLG-0704	14	4	1½	¾	1½
¾	ABLG-0722	RBLG-0722	8	2/0	1½	¾	1½
1	ABLG-1104	RBLG-1104	14	4	1½	¾	1½
1	ABLG-1122	RBLG-1122	8	2/0	1½	¾	1½
1½	ABLG-1204	RBLG-1204	14	4	2	¾	1½
1½	ABLG-1222	RBLG-1222	8	2/0	2	¾	1½
1½	ABLG-1504	RBLG-1504	14	4	2½	¾	1½
1½	ABLG-1522	RBLG-1522	8	2/0	2½	¾	1½
2	ABLG-2004	RBLG-2004	14	4	2½	¾	2
2	ABLG-2022	RBLG-2022	8	2/0	2½	¾	2
2½	ABLG-2604	RBLG-2604	14	4	3½	1	2½
2½	ABLG-2622	RBLG-2622	8	2/0	3½	1	2½
2½	ABLG-2624	RBLG-2624	6	4/0	3½	1	2½
2½	--	RBLG-2660	250	500	3½	1	3½
3	ABLG-3104	RBLG-3104	14	4	4	1	2½
3	ABLG-3122	RBLG-3122	8	2/0	4	1	2½
3	ABLG-3124	RBLG-3124	6	4/0	4	1	3½
3	--	RBLG-3150	250	500	4	1	3½
3½	ABLG-3604	RBLG-3604	14	4	4½	1	2½
3½	ABLG-3622	RBLG-3622	8	2/0	4½	1	3
3½	ABLG-3624	RBLG-3624	6	4/0	4½	1	3½
3½	--	RBLG-3660	250	500	4½	1	4
4	ABLG-4104	RBLG-4104	14	4	5	1½	3
4	ABLG-4122	RBLG-4122	8	2/0	5	1½	3½
4	ABLG-4124	RBLG-4124	6	4/0	5	1½	3½
4	--	RBLG-4150	250	500	5	1½	4½
5	ABLG-5104	RBLG-5104	14	4	6½	1½	3½
5	ABLG-5122	RBLG-5122	8	2/0	6½	1½	4
5	ABLG-5124	RBLG-5124	6	4/0	6½	1½	4½
5	--	RBLG-5160	250	500	6½	1½	5
6	ABLG-6104	RBLG-6104	14	4	7½	1½	4½
6	ABLG-6122	RBLG-6122	8	2/0	7½	1½	4½
6	ABLG-6124	RBLG-6124	6	4/0	7½	1½	4½
6	--	RBLG-6160	250	500	7½	1½	5½

*Solid or stranded for No. 4 awg or smaller, stranded for No. 2 or larger. Copper conductor only for #14-4 lug and 250-500 mcm lug.

Specification Grade Insulated Bushings

For Rigid Metal Conduit, IMC & EMT

Types B, HB, AB, RB, SB, SBT

Use:

To protect Insulated conductors from abrasion during pulling and from mechanical vibration.

To provide voltage gradient between live conductors and ground at point of electrical and mechanical stress on conductor insulation.

Features:

- Molded-on high impact phenolic thermosetting insulation
- UL insulation temperature rating 150°C
- Positive metallic conduit stop

Material/Finish:

For Threaded Rigid and IMC

Type B: ½" & ¾" - Steel, Zinc Plated

1" to 6" - Malleable Iron, Zinc Plated

Type HB: ½" & ¾" - Steel, Mechanical/Hot Dip Galvanized

1" to 6" - Malleable Iron, Mechanical/Hot Dip Galvanized

Type AB: Aluminum Bushing

Type RB: Bronze, for highly corrosive atmospheres

For Threadless Rigid and IMC

Type SB: ½" & ¾" - Steel, Zinc Plated with Stainless Steel screws

1" to 6" - Malleable Iron/Zinc Plated with Stainless Steel screws

For EMT

Type SBT: ½" & ¾" - Steel, Zinc Plated with Stainless Steel screws

1" to 6" - Malleable Iron/Zinc Plated with Stainless Steel screws

Options:

Type B insulated bushings are also available for threadless rigid and IMC in the following materials:

Type HSB: Malleable Iron or Steel

Mechanical/Hot Dip Galvanized

Type ASB: Aluminum

Type RSB: Bronze

Third Party Certification:



UL Listed: E-11853



CSA Certified: 011584

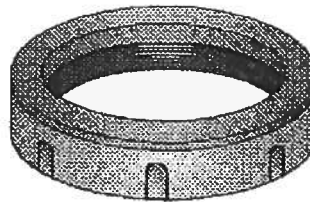
Applicable Third Party Standards:

UL Standard: 514B

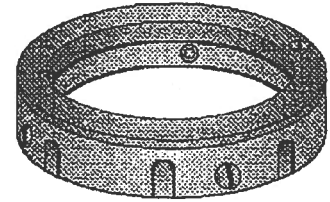
CSA Standard: C22.2 No. 18

Fed. Spec: W-F-408E

NEMA: FB-1



Type B
Threaded



Type SB
Threadless

Threaded for Rigid Conduit & IMC Catalog Numbers					Threadless Rigid & IMC Catalog Numbers	EMT Catalog Numbers
Trade Size (inches)	Malleable Iron or Steel/ Zinc Plated	Hot-Dip or Mechanical Galvanized	Copper Free Aluminum	Bronze	Malleable Iron or Steel/ Zinc Plated	Malleable Iron or Steel/ Zinc Plated
½	B-50	HB-50	AB-50	RB-50	SB-60	SBT-60
¾	B-75	HB-75	AB-75	RB-76	SB-75	SBT-75
1	B-100	HB-100	AB-100	RB-100	SB-100	SBT-100
1¼	B-125	HB-125	AB-125	RB-125	SB-125	SBT-125
1½	B-150	HB-150	AB-150	RB-150	SB-150	SBT-150
2	B-200	HB-200	AB-200	RB-200	SB-200	SBT-200
2½	B-250	HB-250	AB-250	RB-250	SB-250	SB-250
3	B-300	HB-300	AB-300	RB-300	SB-300	SB-300
3½	B-350	HB-350	AB-350	RB-350B	SB-350	SB-350
4	B-400	HB-400	AB-400	RB-400	SB-400	SB-400
5	B-500	HB-600	AB-500	RB-600	SB-600	
6	B-600	HB-600	AB-600	RB-600	SB-600	

Note:

1 A Mechanically Galvanized finish provides a plating thickness equivalent to Hot-Dip process, meeting ASTM A-153 performance criteria.

Unlike the Hot-Dip process, mechanical galvanizing provides plating on all machined and/or threaded surfaces.

2 Caps to prevent entry of foreign matter into conduit prior to pulling cables are available. See Type PPC on page DB1.

Suggested Specification:

O-Z/Gedney Type B insulated bushings of malleable iron or steel, with conduit end stop and integrally molded noncombustible phenolic insulated surfaces rated 150°C shall be used on the ends of all raceways containing No. 4 or larger conductors.

Trade Size (inches)	Dimensions in Inches	
	Max. Dia.	Overall Height
½	1¼	1½
¾	1¼	¾
1	1¾	¾
1¼	2	¾
1½	2¼	¾
2	2¾	¾
2½	3¾	1
3	4	1
3½	4½	1
4	5	1¼
5	6¾	1¼
6	7¾	1¼

Conduit Bushings for Rigid Metal Conduit and IMC

Applications

- Used with a locknut to terminate rigid metal conduit or IMC conduit to a box or enclosure.

Features

- Provides a smooth pulling surface.

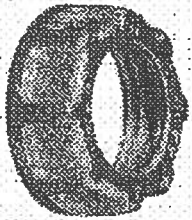
Material/Finish

- BU: malleable iron/zinc electroplated
- BBU: impact resistant plastic or thermoplastic

Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14814
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

Catalog Number	Trade Size (Inches)	Dimension in Inches/Millimeters		Weight Lbs./Kgs. Per 100
		Diameter	Height	
Threaded Bushings — Malleable Iron, Zinc Electroplated				
BU50	1/2	1.03/26.2	0.38/9.7	3.00/1.36
BU75	3/4	1.25/31.8	0.44/11.2	4.00/1.81
BU100	1	1.56/39.6	0.50/12.7	7.00/3.18
BU125	1-1/4	2.00/50.8	0.63/16.0	13.00/5.90
BU150	1-1/2	2.16/54.9	0.63/16.0	14.00/6.35
BU200	2	2.63/66.8	0.63/16.0	19.00/8.62
BU250	2-1/2	3.19/81.0	0.75/19.1	43.00/19.50
BU300	3	3.81/96.8	0.94/23.9	56.00/25.40
BU350	3-1/2	4.44/112.8	0.94/23.9	76.00/34.47
BU400	4	4.94/125.5	1.06/26.9	109.00/49.44
BU500	5	6.00/152.4	1.19/30.2	144.00/65.32
BU600	6	7.38/187.5	1.31/33.3	243.00/110.22
Threaded Bushings — Insulated — 150 °C Temperature Rating — Malleable Iron, Zinc Electroplated				
BU50I	1/2	1.19/30.2	0.50/12.7	4.00/1.81
BU75I	3/4	1.44/36.6	0.56/14.2	6.00/2.72
BU100I	1	1.75/44.5	0.63/16.0	9.00/4.08
BU125I	1-1/4	2.13/54.1	0.75/19.1	10.00/4.54
BU150I	1-1/2	2.31/58.7	0.88/22.4	19.00/8.62
BU200I	2	2.81/71.4	0.94/23.9	24.00/10.89
BU250I	2-1/2	3.38/85.9	1.00/25.4	47.00/21.32
BU300I	3	4.06/103.1	1.13/28.7	60.00/27.22
BU350I	3-1/2	4.50/114.3	1.19/30.2	69.00/31.30
BU400I	4	5.19/131.8	1.31/33.3	100.00/45.36
BU500I	5	6.06/153.9	1.31/33.3	200.00/90.72
BU600I	6	7.25/184.2	1.31/33.3	243.00/110.22



COMMERCIAL PRODUCTS: RIGID AND IMC FITTINGS

Commercial Products

Threaded Rigid and IMC Conduit Hubs

Suitable for use in Class I, Division 2

Applications

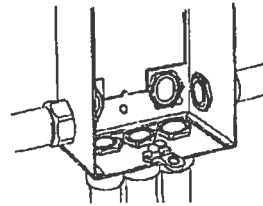
- Insulated throat form provides a more vibration resistant connection between threaded rigid conduit or IMC and enclosure.
- Provides threaded termination in sheet metal enclosures.
- Suitable for service entrance.
- General purpose fitting.

Features

- Appleton's Uni-Seal rigid conduit hubs eliminate the need for welded hubs. Efficiency of installation is built into the superior design; single wrench installation.
- Patented hex-hub wedge adapter fits nearly flush against the interior side walls of enclosures; provides maximum wiring room.
- Simple two piece construction.
- Protective insulated throats, positive grounding and watertight sealing action.
- Flame resistant insulated throat eliminates need for end bushings.
- Locking edge of body bites into enclosure wall, makes hub self-locking, eliminates the need for locknuts, provides continuous 360° pressure on both sides of enclosure wall, forms positive grounding and vibration-resistant connection.
- Built-in recessed gasket.

Material/Finish

- HUB50 thru HUB100: steel
- HUB125 thru HUB400 and HUB9050 thru HUB90100: malleable iron
- Gasket: neoprene



HUB-125

Certifications and Compliances

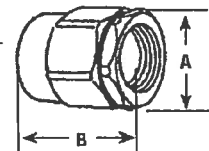
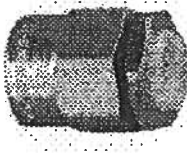
- UL Standard: 514B
- UL Listed: E14814
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

Options

- PVC coating available on select hubs. Add suffix -PVC to catalog number.

COMMERCIAL PRODUCTS: RIGID AND IMC FITTINGS

Catalog Number	Trade Size (Inches)	Hole Diameter in inches/Millimeters		Panel Thickness in inches/Millimeters		Dimensions in inches/Millimeters		Weight Lbs./Kgs Per 100
		Max.	Min.	Max.	Min.	A	B	
Straight – Steel								
HUB-50 †	1/2	0.88/	0.94/	0.06/	0.08/	1.08/	1.11/	16.00/
		22.4	23.9	1.5	2.0	27.4	28.2	7.26
HUB-75 †	3/4	1.09/	1.16/	0.06/	0.08/	1.11/	1.38/	23.00/
		27.7	29.5	1.5	2.0	28.2	35.1	10.43
HUB-100 †	1	1.34/	1.41/	0.06/	0.08/	1.25/	1.72/	39.00/
		34.0	35.8	1.5	2.0	31.8	43.7	17.69
		1.47/	1.54/	0.09/	0.11/			
		37.3	39.1	2.3	2.8			



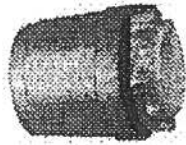
† PVC coating available on select hubs. Add suffix -PVC to catalog number.

Threaded Rigid and IMC Conduit Hubs

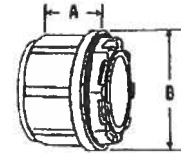
Suitable for use in Class I, Division 2

COMMERCIAL PRODUCTS: RIGID AND IMC FITTINGS

Commercial Products



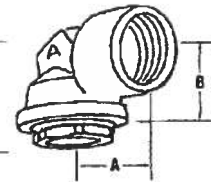
Catalog Number	Trade Size (Inches)	Hole Diameter in Inches/Millimeters		Panel Thickness in Inches/Millimeters		Dimensions in Inches/Millimeters		Weight Lbs./Kgs. Per 100
		Max.	Min.	Max.	Min.	A	B	
Straight — Malleable Iron								
HUB-125 †	1-1/4	1.69/	1.78/	0.06/	0.08/	1.80/	2.31/	77.00/
		42.9	45.2	1.5	2.0			
HUB-150 †	1-1/2	1.94/	2.03/	0.06/	0.08/	1.83/	2.63/	92.00/
		49.3	51.6	1.5	2.0			
HUB-200 †	2	2.39/	2.53/	0.06/	0.08/	1.88/	3.13/	134.00/
		60.7	64.3	1.5	2.0			
HUB-250 †	2-1/2	2.89/	3.02/	0.09/	0.31/	2.39/	3.63/	236.00/
		73.4	76.7	2.3	7.9	60.7	92.2	107.05
HUB-300 †	3	3.52/	3.64/	0.09/	0.31/	2.48/	1.00/	310.00/
		89.4	92.5	2.3	7.9	62.9	25.4	140.61
HUB-350 †	3-1/2	4.02/	4.13/	0.09/	0.31/	3.19/	4.81/	400.00/
		102.1	104.9	2.3	7.9	81.0	122.2	181.44
HUB-400 †	4	4.52/	4.63/	0.09/	0.31/	2.63/	5.44/	475.00/
		114.8	117.6	2.3	7.9	66.8	138.2	215.46



90° — Malleable Iron



HUB-9050	1/2	0.88/	0.94/	0.06/	0.08/	1.28/	0.88/	36.00/
		22.4	23.9	1.5	2.0			
HUB-9075	3/4	1.09/	1.16/	0.06/	0.08/	1.44/	0.94/	50.00/
		27.7	29.5	1.5	2.0			
HUB-90100	1	1.34/	1.41/	0.06/	0.08/	1.63/	1.13/	75.00/
		34.0	35.8	1.5	2.0			
		1.47/	1.47/	0.09/	0.25/			
		37.3	37.3	2.3	6.4			



† PVC coating available on select hubs. Add suffix -PVC to catalog number.

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Appleton

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Threaded Rigid Conduit and IMC Couplings and Connectors

Applications

- Three piece union couples two lengths of conduit when neither can be turned.
- Gasketed pulling elbows: provides a compact wire pulling point.
- Elbows provide a 90° change of direction in a conduit run.
- Male to female: for connecting threaded rigid conduit or IMC to box or enclosure.

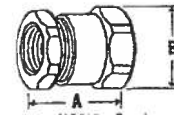
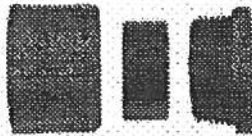
Material

- Malleable iron

Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14814
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 085178
- NEMA: FB-1

Catalog Number	Trade Size (Inches)	Dimensions in Inches/Millimeters			Weight Lbs./Kgs. Per 100
		A	B	C	
Three Piece Union — Concretetight					
EC-50	1/2	1.44/36.6	1.44/36.6	—	16.50/7.48
EC-75	3/4	1.56/39.6	1.56/39.6	—	24.00/10.89
EC-100	1	1.69/42.9	2.00/50.8	—	58.00/26.31
EC-125	1-1/4	2.13/54.1	2.44/62.0	—	98.00/44.45
EC-150	1-1/2	2.19/55.6	2.69/68.3	—	134.00/60.78
EC-200	2	2.44/62.0	3.25/82.6	—	198.00/89.81
EC-250	2-1/2	2.63/66.8	3.08/77.7	—	255.00/115.67
EC-300	3	2.63/66.8	4.63/117.6	—	394.00/178.72
EC-350	3-1/2	2.63/66.8	5.19/131.8	—	380.00/172.37
EC-400	4	3.44/87.4	5.69/144.5	—	700.00/317.51
EC-500	5	3.50/88.9	6.94/176.3	—	788.00/357.43
EC-600	6	3.50/88.9	8.13/206.5	—	825.00/374.21

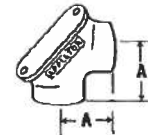


COMMERCIAL PRODUCTS: RIGID AND IMC FITTINGS

90° Female Gasketed Pulling Elbows — Watertight



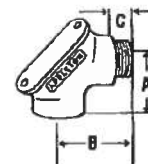
FFL-50	1/2	1.19/30.2	—	—	31.00/14.06
FFL-75	3/4	1.34/34.0	—	—	46.00/20.87
FFL-100	1	1.59/40.4	—	—	76.00/34.47
FFL-125	1-1/4	2.25/57.2	—	—	120.00/54.43
FFL-150	1-1/2	2.56/65.0	—	—	160.00/72.57
FFL-200	2	3.19/81.0	—	—	293.00/132.90



90° Male to Female Gasketed Pulling Elbows — Watertight



MFL-50	1/2	1.19/30.2	1.44/36.6	0.47/11.9	36.00/16.33
MFL-75	3/4	1.34/34.0	1.53/38.9	0.50/12.7	55.00/24.95
MFL-100	1	1.59/40.4	1.75/44.5	0.56/14.2	90.00/40.82
MFL-125	1-1/4	2.25/57.2	3.13/79.5	0.88/22.4	141.00/63.96
MFL-150	1-1/2	2.56/65.0	3.44/87.4	0.88/22.4	192.00/87.09
MFL-200	2	3.19/81.0	4.19/106.4	1.00/25.4	335.00/151.95



Conduit Pipe Straps

For Rigid Conduit & IMC

Type 14-S

Use: For rigid conduit and IMC.

Features: Snap type - double ribbed

Material/Finish: Steel/Zinc Plated

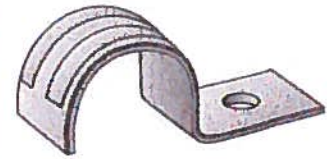
Applicable Third Party Standards:

Fed. Spec: FF-S-760

Note:

2" through 4" sizes also suitable for EMT.

Trade Size (inches)	Steel Straps Catalog Number	Dimensions in Inches			Minimum Recommended Bolt Dia.
		A	B	C	
½	14-50S	2½	1⅞	¾	¼
¾	14-75S	2⅞	1⅞	¾	¼
1	14-100S	2¾	1⅞	¾	¼
1¼	14-125S	3½	1¾	1	⅝
1½	14-150S	3¾	1⅞	1½	¾
2	14-200S	4¾	2½	1¼	¾
2½	14-250S	6⅞	2¾	1¼	½
3	14-300S	6¾	3	1¼	½
3½	14-350S	7¾	3⅞	1½	⅝
4	14-400S	8¾	3⅞	1½	⅝



Type 14-S



Type THR

Use: For rigid conduit and IMC.

Features: Snap type - double ribbed

Material/Finish: Steel/Zinc Plated

Third Party Certification:



CSA Certified: 104691

½" through 2" sizes only

Applicable Third Party Standards:

CSA C22.2 No.18

Fed. Spec: FF-S-760

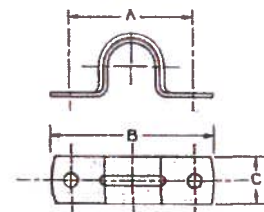
Note:

2" through 4" sizes also suitable for EMT.

Trade Size (inches)	Steel Straps Catalog Number	Dimensions in Inches			Minimum Recommended Bolt Dia.
		A	B	C	
½	THR-50S	1¼	2¼	¾	⅜
¾	THR-75S	1 ⁷ / ₃₂	2⅞	¾	⅜
1	THR-100S	2⅞	2⅞	⅞	½
1¼	THR-125S	2⅞	3	⅞	½
1½	THR-150S	3 ⁵ / ₃₂	3⅞	⅞	½
2	THR-200S	4¼	5	⅞	½
2½	THR-250S	4 ¹ / ₁₆	5 ²³ / ₃₂	1	⅝
3	THR-300S	5 ¹ / ₁₆	6¼	1	⅝
3½	THR-350S	6 ⁵ / ₁₆	7 ⁷ / ₁₆	1	⅝
4	THR-400S	6 ⁷ / ₃₂	7 ¹³ / ₁₆	1	⅝



Type THR



Type 14-G

Use:

For rigid conduit and IMC.

Material/Finish:

Malleable Iron/Mechanically Galvanized

Third Party Certification:



CSA Certified: 9795.

Applicable Third Party Standards:

CSA: C22.2 No.18

Fed. Spec: FF-S-760

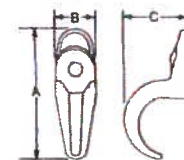
Note:

2" through 4" sizes also suitable for EMT.

Malleable Straps Catalog Number	Conduit Size Inches	Dimensions in Inches			Minimum Recommended Bolt Dia.
		A	B	C	
14-18G	½	1 ¹⁹ / ₁₆	½	½	#10
14-25G	¾	1 ¹⁹ / ₃₂	1 ⁹ / ₃₂	⅝	¾
14-38G	¾	1¾	¾	¾	¾
14-50G	½	2¼	2 ¹ / ₃₂	1 ¹³ / ₁₆	¾
14-75G	¾	2⅞	¾	1 ¹ / ₃₂	¾
14-100G	1	3 ⁹ / ₁₆	1 ¹³ / ₁₆	1¼	¾
14-125G	1¼	3 ¹ / ₁₆	¾	1 ⁷ / ₈	¾
14-150G	1½	6¼	1	⅝	¾
14-200G	2	5 ⁵ / ₈	1¼	2 ³ / ₈	½
14-250G	2½	5 ⁹ / ₁₆	1¾	3 ¹ / ₈	½
14-300G	3	7 ⁷ / ₁₆	1¾	3 ³ / ₁₆	½
14-350G	3½	8 ⁵ / ₁₆	1 ¹³ / ₁₆	4¾	¾
14-400G	4	8 ¹ / ₈	2	5	¾
14-500G	5	10 ³ / ₈	2¾	6½	¾
14-600G	6	12¼	3¾	7½	1



Type 14-G



Rigid/Intermediate Grade Conduit Fittings

Conduit Clamps, Straps, Hangers



Rigid Fittings

CLAMPS – MALLEABLE IRON

Applications:

- To support rigid conduit and IMC to mounting surface

Options:

Description

Hot dipped galvanized

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
510	1/2"	100	6
511	3/4"	50	8
512	1"	50	13
513	1 1/4"	25	20
514	1 1/2"	20	30
515	2"	10	64
516*	2 1/2"	5	104
517*	3"	2	120
518*	3 1/2"	2	150
519*	4"	2	220
520†	5"	1	380
521†	6"	1	690

*Also for use with Thinwall (EMT) Conduit
†Not UL Listed

CLAMPBACKS/SPACERS – MALLEABLE IRON

Applications:

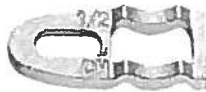
- To provide space between conduit and mounting surface

Options:

Description

Hot dipped galvanized

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
CB1	1/2"	25	8
CB2	3/4"	25	10
CB3	1"	25	12
CB4	1 1/4"	25	21
CB5	1 1/2"	25	42
CB6	2"	10	40
CB7	2 1/2"	10	49
CB8	3"	10	62
CB9	3 1/2"	10	91
CB10	4"	10	110
CB11†	5"	5	135
CB12†	6"	5	225

†Not UL Listed

STRAPS – STEEL GALVANIZED

Applications:

- Used to secure rigid conduit or IMC to mounting surface

Two Hole

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
496 2	3/8"	250	2
496 3	1/2"	150	2
496 4	3/4"	100	3
496 5	1"	50	7
496 6	1 1/4"	50	8
496 7	1 1/2"	50	10
496 8	2"	25	15
496 9	2 1/2"	25	19
496 10	3"	25	23
496 11	3 1/2"	25	93
496 12	4"	10	108

CLAMPS "SNAP-ON" – STEEL

Applications:

- To support rigid conduit and IMC to mounting surface

Light Gauge



Cat. #	Conduit Sizes Rigid	Size of Strap Inside	Unit Qty.	Wt. Lbs. Per 100
566	1/4"	.540	500	2
567	3/8"	.675	200	2

Heavy Gauge

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
410*	1/2"	100	5
411*	3/4"	50	6
412*	1"	50	11
413*	1 1/2"	50	13
414	1 1/2"	25	20
415	2"	25	22
206*	2 1/2"	25	64
207*	3"	25	71
208*	3 1/2"	10	120
209*	4"	10	130

*CSA Certified

Form 35® Malleable Iron Unilet® Conduit Outlet Bodies

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

Applications

- Serve as pulling fittings.
- Make bends in conduit system.
- Provide openings for splicing.
- Connect and change direction of conduit runs.
- Allow connections for branch runs.
- Permit access to conductors for maintenance.

Features

- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Form 35 malleable iron Unilets: high tensile strength and ductility. High corrosion-resistance, high impact and shock resistance.
- Exclusive built-in easy-pulling rollers in type C (1-1/4" thru 4") and type LB (1-1/4" thru 4"); eliminate damage when cable is pulled through hubs.
- Sizes with flat-back design ideal where fitting is mounted flat against surface.
- 1/2" to 3" blank covers are domed for extra wiring space.

Standard Materials

- Bodies: malleable iron
- Blank covers: malleable iron, steel or aluminum
- Cover screws: stainless steel
- Gaskets: neoprene or composition fiber

Standard Finishes

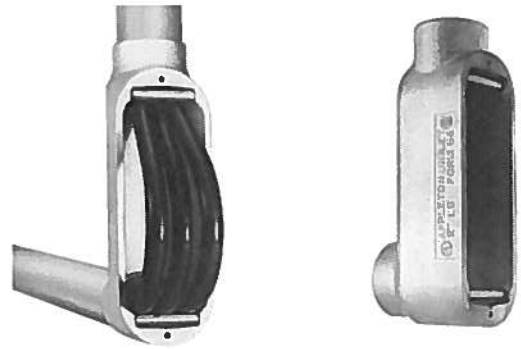
- Malleable iron bodies and covers: triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Steel covers: zinc electroplate

Certifications and Compliances

- UL Standards: 514A, 514B
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1

Related Products

- For explosionproof conduit outlet bodies and boxes, see *Enclosures and Junction boxes*.



2" Type LB with rollers shown

Fittings

FITTINGS: CONDUIT BODIES






Form 35® Malleable Iron Unilet® Conduit Outlet Bodies






For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

Fittings

FITTINGS: CONDUIT BODIES

Threaded Type Conduit Bodies

Hub Size (Inches)	C	E	LB	LL	LR
					
1/2	C50-M	E50-M	LB50-M	LL50-M	LR50-M
3/4	C75-M	E75-M	LB75-M	LL75-M	LR75-M
1	C100-M	E100-M	LB100-M	LL100-M	LR100-M
1-1/4	C125-M †	E125-M	LB125-M †	LL125-M	LR125-M
1-1/2	C150-M †	E150-M	LB150-M †	LL150-M	LR150-M
2	C200-M †	—	LB200-M †	LL200-M	LR200-M
2-1/2	C250-M †	—	LB250-M †	LL250-M	LR250-M
3	C300-M †	—	LB300-M †	LL300-M	LR300-M
3-1/2	C350-M †	—	LB350-M †	LL350-M	LR350-M
4	C400-M †	—	LB400-M †	LL400-M	LR400-M
5	—	—	LB500-M	—	—
6	—	—	LB600-M	—	—

Hub Size (Inches)	LRL †	T	TA	TB	X
					
1/2	LRL50-M	T50-M	TA50-M	TB50-M	X50-M
3/4	LRL75-M	T75-M	TA75-M	TB75-M	X75-M
1	LRL100-M	T100-M	TA100-M	TB100-M	X100-M
1-1/4	LRL125-M	T125-M	—	TB125-M	X125-M
1-1/2	LRL150-M	T150-M	—	TB150-M	X150-M
2	LRL200-M	T200-M	—	TB200-M	X200-M
2-1/2	—	T250-M	—	—	—
3	—	T300-M	—	—	—
3-1/2	—	T350-M	—	—	—
4	—	T400-M	—	—	—

Back Style for Form 35 Unilet Conduit Body Sizes (Inches)

Unilet Body	Flat Back	Round Back	Unilet Body	Flat Back	Round Back
C, LB	1/2 – 2	2-1/2 and up	TB	1/2 – 1-1/2	1/2, 3/4, 1, 2
E	1/2 – 1-1/2	1-1/4 and up	X	1/2 – 2	1-1/4 and up
LL, LR, T	1/2 – 2	2-1/2 and up	TA	All sizes	—

† LRL Unilets have double opening and are furnished with one steel cover, assembled.

‡ Catalog numbers having roller feature, all others do not.







Covers and Gaskets for Form 35® Unilet® Conduit Outlet Bodies

Covers Furnished with Stainless Steel Fastening Screws.

Fittings

FITTINGS: CONDUIT BODIES

Covers and Gaskets *

Body Size (Inches)	Blank Stamped Steel	Blank Cast Malleable	Neoprene	Composition Fiber
	 Domed: 1/2" – 3"	 Flat: 1/2" – 2"		
	 Flat: 3-1/2" – 6"	 Domed: 2-1/2" – 4"	Tear out inner section to convert to "open type" gasket.	
1/2	K50	K50-CM	GK50-N	GK50-V
3/4	K75	K75-CM	GK75-N	GK75-V
1	K100	K100-CM	GK100-N	GK100-V
1-1/4	K125 & 150	K125 & 150-CM	GK125-150-N	GK125-150-V
1-1/2	K125 & 150	K125 & 150-CM	GK125-150-N	GK125-150-V
2	K200	K200-CM	GK200-N	GK200-V
2-1/2	K250 & 300	K250 & 300-CM	GK250-300-N	GK-250-300-V
3	K250 & 300	K250 & 300-CM	GK250-300-N	GK-250-300-V
3-1/2	K350 & 400	K350 & 400-CM	GK350-400-N	GK-350-400-V
4	K350 & 400	K350 & 400-CM	GK350-400-N	GK-350-400-V
5	K500	—	GK500-SN †	—
6	K600	—	GK600-SN †	—

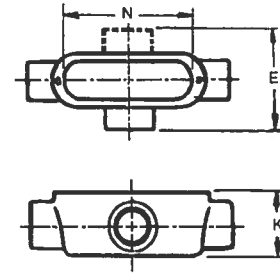
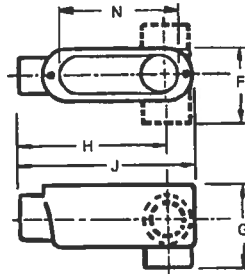
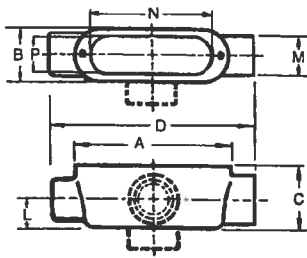
* Refer to previous page for Wiring Capacity Table.

† Not perforated.

Form 35® Malleable Iron Unilet® Conduit Outlet Bodies Dimensions

Threaded Type for use with Rigid Metal Conduit and IMC; Compression Type for use with Threadless Rigid Metal Conduit.

Threaded Type (Inches/Millimeters)



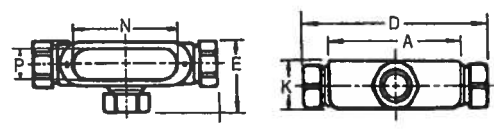
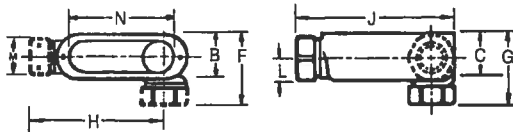
Types A, C, TA, TB

Types E, LB, LL, LR, LRL

Types T, X

Hub Size	A	B	C	D	E	F	G	H	J	K	L	M	N	P
1/2	3.94/ 100.1	1.31/ 33.3	1.44/ 36.6	5.38/ 136.7	2.69/ 68.3	2.00/ 50.8	2.13/ 54.1	3.94/ 100.1	4.63/ 117.6	1.75/ 44.5	0.63/ 16.0	1.19/ 30.2	3.16/ 80.3	1.00/ 25.4
3/4	4.63/ 117.6	1.56/ 39.6	1.69/ 42.9	6.06/ 153.9	2.88/ 73.2	2.19/ 55.6	2.31/ 58.7	4.44/ 112.8	5.38/ 136.7	2.00/ 50.8	0.75/ 19.1	1.38/ 35.1	3.78/ 96.0	1.22/ 31.0
1	5.38/ 136.7	1.81/ 46.0	1.94/ 49.3	7.13/ 181.1	3.38/ 85.9	2.56/ 65.0	2.69/ 68.3	5.13/ 130.3	6.25/ 158.8	2.25/ 57.2	0.94/ 23.9	1.69/ 42.9	4.53/ 115.1	1.47/ 37.3
1-1/4	7.19/ 182.6	2.50/ 63.5	2.56/ 65.0	9.19/ 233.4	4.50/ 114.3	3.50/ 88.9	3.56/ 90.4	7.06/ 179.3	8.19/ 208.0	2.56/ 65.0	1.19/ 30.2	2.00/ 50.8	6.00/ 152.4	2.00/ 50.8
1-1/2	7.19/ 182.6	2.50/ 63.5	2.75/ 69.9	9.19/ 233.4	4.50/ 114.3	3.50/ 88.9	3.75/ 95.3	6.81/ 173.0	8.19/ 208.0	2.75/ 69.9	1.38/ 35.1	2.38/ 60.5	6.00/ 152.4	2.00/ 50.8
2	9.50/ 241.3	3.13/ 79.5	3.38/ 85.9	11.63/ 295.4	5.25/ 133.4	4.19/ 106.4	4.63/ 117.6	8.94/ 227.1	10.56/ 268.2	3.38/ 85.9	1.63/ 41.4	2.94/ 74.7	8.06/ 204.7	2.56/ 65.0
2-1/2	12.25/ 311.2	4.31/ 109.5	3.88/ 98.6	15.13/ 384.3	7.19/ 182.6	5.75/ 146.1	5.25/ 133.4	11.88/ 301.8	13.69/ 347.7	3.88/ 98.6	1.81/ 46.0	3.38/ 85.9	10.63/ 270.0	3.69/ 93.7
3	12.25/ 311.2	4.31/ 109.5	4.63/ 117.6	15.13/ 384.3	7.19/ 182.6	5.75/ 146.1	6.00/ 152.4	11.56/ 293.6	13.69/ 347.7	4.63/ 117.6	2.19/ 55.6	4.13/ 104.9	10.63/ 270.0	3.69/ 93.7
3-1/2	14.88/ 378.0	5.50/ 139.7	5.19/ 131.8	18.13/ 460.5	8.75/ 222.3	7.13/ 181.1	6.81/ 173.0	14.00/ 355.6	16.50/ 419.1	5.19/ 131.8	2.50/ 63.5	4.75/ 120.7	13.13/ 333.5	4.88/ 124.0
4	14.88/ 378.0	5.50/ 139.7	5.56/ 141.2	18.13/ 460.5	8.75/ 222.3	7.13/ 181.1	7.19/ 182.6	13.75/ 349.3	16.50/ 419.1	5.56/ 141.2	2.75/ 69.9	5.13/ 130.3	13.13/ 333.5	4.88/ 124.0
5	18.25/ 463.6	7.25/ 184.2	7.00/ 177.8	—	—	—	9.00/ 228.6	16.88/ 428.8	20.25/ 514.4	—	3.38/ 85.9	6.50/ 165.1	16.25/ 412.8	6.50/ 165.1
6	23.00/ 584.2	8.63/ 219.2	8.69/ 220.7	—	—	—	10.69/ 271.5	21.06/ 534.9	25.00/ 635.0	—	3.94/ 100.1	7.56/ 192.0	21.00/ 533.4	7.81/ 198.4

Compression Type (Inches/Millimeters)



Types LB, LRL

Type T

Hub Size	A	B	C	D	E	F	G	H	J	K	L	M	N	P
1/2	3.94/ 100.1	1.31/ 33.3	1.44/ 36.6	6.06/ 153.9	2.38/ 60.5	2.38/ 60.5	2.50/ 63.5	4.31/ 109.5	5.00/ 127.0	1.75/ 44.5	0.63/ 16.0	1.31/ 33.3	3.16/ 80.3	1.00/ 25.4
3/4	4.63/ 117.6	1.56/ 39.6	1.69/ 42.9	6.81/ 173.0	2.69/ 68.3	2.69/ 68.3	2.81/ 71.4	4.81/ 122.2	5.75/ 146.1	2.00/ 50.8	0.75/ 19.1	1.63/ 41.4	3.78/ 96.0	1.22/ 31.0
1	5.38/ 136.7	1.81/ 46.0	1.94/ 49.3	7.63/ 193.8	2.94/ 74.7	2.94/ 74.7	3.06/ 77.7	5.38/ 136.7	6.50/ 165.1	2.25/ 57.2	0.94/ 23.9	1.88/ 47.8	4.53/ 115.1	1.47/ 37.3

Form 85™ Unilet® Conduit Outlet Bodies

For use with Rigid Steel, Rigid Aluminum, IMC, and EMT Conduit.

Fittings

FITTINGS: CONDUIT BODIES

Applications

- Serve as pulling fittings.
- Make bends in conduit system.
- Provide openings for splicing.
- Connect and change direction of conduit runs.
- Allow connections for branch runs.
- Permit access to conductors for maintenance.

Features

- Roomy interiors: more wiring space.
- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Form 85 copperfree aluminum Unilets are lightweight, self-oxidizing, self-renewing and offer a high corrosion resistance.
- Lightweight aluminum facilitates shipping, handling and installing.
- Sizes with flat-back design ideal where fitting is mounted flat against surface.
- 1/2" to 3" blank covers are domed for extra wiring space.

Standard Materials

- Bodies: copperfree (max. 4/10 of 1%) aluminum
 - 1/2" thru 2": pressure cast
 - 2-1/2" thru 4": sand cast
- Blank covers: malleable iron, steel or aluminum
- Cover screws: stainless steel
- Gaskets: neoprene or composition fiber

Standard Finishes

- Aluminum bodies: epoxy powder coat
- Stamped aluminum covers: natural finish
- Cast aluminum covers: epoxy powder coat

Certifications and Compliances

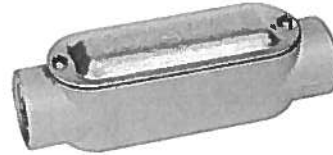
- UL Standards: 514A, 514B
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1

Options

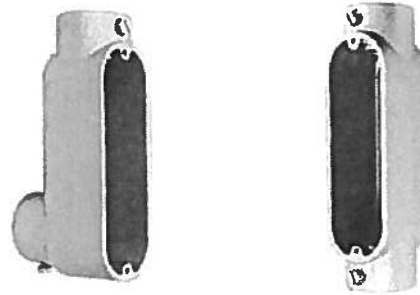
- PVC coating available on all threaded bodies and select covers. Add suffix **-PVC** to catalog number.
- For fully assembled body, cover and gasket, add suffix **-ACGA**.

Related Products

- For explosionproof conduit outlet bodies and boxes, see *Enclosures and Junction Boxes*.



Conduit Body with Stamped Aluminum Cover. 2" Type C shown.











Typical Form 85 Conduit Bodies with Setscrews.
For use with Electrical Metallic Tubing (EMT).

Form 85™ Aluminum Unilet® Conduit Outlet Bodies

Threaded Type for use with Rigid Metal Conduit and IMC; Setscrew Type for use with Electrical Metallic Tubing (EMT).

Appleton Form 85™ Conduit Bodies: Threaded/SetScrew Type *

Hub Size (Inches)	C		E		LB		LL	
	Threaded Type ‡	Setscrew Type	Threaded Type ‡	Setscrew Type	Threaded Type ‡	Setscrew Type	Threaded Type ‡	Setscrew Type
								
1/2	C50-A	C50T-A	E50-A	E50T-A	LB50-A	LB50T-A	LL50-A	LL50T-A
3/4	C75-A	C75T-A	E75-A	—	LB75-A	LB75T-A	LL75-A	LL75T-A
1	C100-A	C100T-A	E100-A	—	LB100-A	LB100T-A	LL100-A	LL100T-A
1-1/4	C125-A	C125T-A	—	—	LB125-A	LB125T-A	LL125-A	LL125T-A
1-1/2	C150-A	C150T-A	—	—	LB150-A	LB150T-A	LL150-A	LL150T-A
2	C200-A	—	—	—	LB200-A	LB200T-A	LL200-A	LL200T-A
2-1/2	C250-A	—	—	—	LB250-A	—	LL250-A	—
3	C300-A	—	—	—	LB300-A	—	LL300-A	—
3-1/2	C350-A	—	—	—	LB350-A	—	LL350-A	—
4	C400-A	—	—	—	LB400-A	—	LL400-A	—
Hub Size (Inches)	LR		T		TB		X	
	Threaded Type ‡	Setscrew Type	Threaded Type ‡	Setscrew Type	Threaded Type ‡	Setscrew Type	Threaded Type ‡	Setscrew Type
								
1/2	LR50-A	LR50T-A	T50-A	T50T-A	TB50-A	—	X50-A	—
3/4	LR75-A	LR75T-A	T75-A	T75T-A	TB75-A	—	X75-A	—
1	LR100-A	LR100T-A	T100-A	T100T-A	TB100-A	—	X100-A	—
1-1/4	LR125-A	LR125T-A	T125-A	—	TB125-A	—	—	—
1-1/2	LR150-A	LR150T-A	T150-A	—	TB150-A	—	—	—
2	LR200-A	LR200T-A	T200-A	—	TB200-A	—	—	—
2-1/2	LR250-A	—	T250-A	—	—	—	—	—
3	LR300-A	—	T300-A	—	—	—	—	—
3-1/2	LR350-A	—	T350-A	—	—	—	—	—
4	LR400-A	—	T400-A	—	—	—	—	—

Back Style for Form 85 Unilet Conduit Body Sizes (Inches)

Unilet Body	Flat Back	Round Back
C, LB, LL, LR, T	1/2 – 2	2-1/2 – 4
TB	1-1/4, 1-1/2	1/2, 3/4, 1, 2
E, X	1/2 – 1	—

* Refer to following page for Wiring Capacity Table.

‡ PVC coating available on threaded bodies. Add suffix -PVC to catalog number.







Covers and Gaskets for Form 85® Unilet® Conduit Outlet Bodies and Wiring Capacity

Covers Furnished with Stainless Steel Fastening Screws.

Fittings

FITTINGS: CONDUIT BODIES

Covers and Gaskets

Body Size (Inches)	Blank Stamped Steel ‡	Blank Cast Malleable	Neoprene	Composition Fiber
	 Domed: 1/2" – 3"	 Flat: 1/2" – 2"		
	 Flat: 3-1/2" – 6"	 Domed: 2-1/2" – 4"	Tear out inner section to convert to "open type" gasket.	
1/2	K50-A	K50-CA	GK50-N	GK50-V
3/4	K75-A	K75-CA	GK75-N	GK75-V
1	K100-A	K100-CA	GK100-N	GK100-V
1-1/4	K125 & 150-A	K125 & 150-CA	GK125-150-N	GK125-150-V
1-1/2	K125 & 150-A	K125 & 150-CA	GK125-150-N	GK125-150-V
2	K200-A	K200-CA	GK200-N	GK200-V
2-1/2	K250 & 300-A	K250 & 300-CA	GK250-300-N	GK-250-300-V
3	K250 & 300-A	K250 & 300-CA	GK250-300-N	GK-250-300-V
3-1/2	K350 & 400-A	K350 & 400-CA	GK350-400-N	GK-350-400-V
4	K350 & 400-A	K350 & 400-CA	GK350-400-N	GK-350-400-V

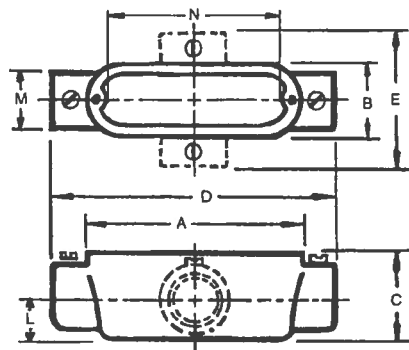
Wiring Capacity: Combine Body and Cover Capacities for Total Usable Capacity per NEC 314.16(A)

Hub Size (Inches)	Capacity (in ² /dm ²)										
	C	E	LB	LL LR	LRL	T	TA	TB	X	Stamped Cover	Cast Cover
1/2	4.00/ 0.07	4.00/ 0.07	4.00/ 0.07	4.00/ 0.07	—	4.00/ 0.07	—	6.00/ 0.10	4.00/ 0.07	0.50/ 0.01	0.00/ 0.00
3/4	7.00/ 0.11	7.00/ 0.11	7.00/ 0.11	7.00/ 0.11	—	7.00/ 0.11	—	7.00/ 0.11	7.00/ 0.11	0.80/ 0.01	0.30/ 0.00
1	11.80/ 0.19	11.80/ 0.19	11.80/ 0.19	11.80/ 0.19	—	11.80/ 0.19	—	13.00/ 0.21	11.80/ 0.19	1.00/ 25.4	0.50/ 0.01
1-1/4	34.80/ 0.57	—	34.80/ 0.57	34.80/ 0.57	—	34.80/ 0.57	—	35.00/ 0.57	—	2.50/ 0.04	0.80/ 0.01
1-1/2	35.00/ 0.57	—	35.00/ 0.57	35.00/ 0.57	—	35.00/ 0.57	—	34.50/ 0.57	—	2.50/ 0.04	0.80/ 0.01
2	70.00/ 1.15	—	70.00/ 1.15	70.00/ 1.15	—	70.00/ 1.15	—	71.00/ 1.16	—	6.50/ 0.11	1.00/ 0.02
2-1/2	143.00/ 2.34	—	139.00/ 2.28	140.50/ 3568.7	—	146.00/ 2.39	—	—	—	18.00/ 0.29	30.00/ 0.49
3	180.00/ 2.95	—	177.00/ 2.90	175.00/ 2.87	—	185.00/ 3.03	—	—	—	18.00/ 0.29	30.00/ 0.49
3-1/2	303.00/ 4.97	—	300.00/ 4.92	300.00/ 4.92	—	314.00/ 5.15	—	—	—	—	50.00/ 0.82
4	340.00/ 5.57	—	330.00/ 5.41	330.00/ 5.41	—	345.00/ 5.65	—	—	—	—	50.00/ 0.82

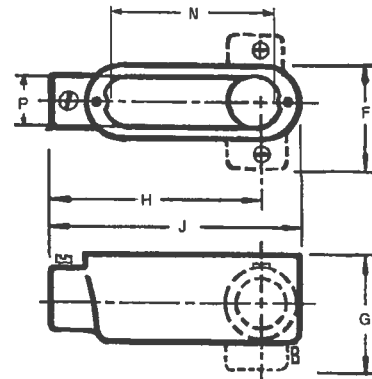
‡ PVC coating available on select steel covers. Add suffix -PVC to catalog number.

Form 85® Aluminum Unilet® Conduit Outlet Bodies Dimensions

Threaded Type for use with Rigid Metal Conduit and IMC; Setscrew Type for use with Electrical Metallic Tubing (EMT).



Types C, T



Types E, LB, LL, LR

Hub Size (Inches)	Dimensions In Inches/Millimeters													
	A	B	C	D	E	F	G	H	J	L	M	N	P	
Pressure Cast														
1/2	3.94/ 100.1	1.31/ 33.3	1.38/ 35.1	4.75/ 120.7	2.56/ 65.0	2.00/ 50.8	2.06/ 52.3	3.50/ 88.9	4.31/ 109.5	0.63/ 16.0	1.13/ 28.7	3.14/ 79.8	1.05/ 26.7	
3/4	4.63/ 117.6	1.56/ 39.6	1.63/ 41.4	5.63/ 143.0	3.00/ 76.2	2.25/ 57.2	2.44/ 62.0	4.13/ 104.9	5.13/ 130.3	0.75/ 19.1	1.38/ 35.1	3.78/ 96.0	1.27/ 32.3	
1	5.38/ 136.7	1.81/ 46.0	1.88/ 47.8	6.69/ 169.9	3.50/ 88.9	2.63/ 66.8	2.81/ 71.4	4.88/ 124.0	6.00/ 152.4	0.94/ 23.9	1.69/ 42.9	4.50/ 114.3	1.52/ 38.6	
1-1/4	7.19/ 182.6	2.50/ 63.5	2.75/ 69.9	8.56/ 217.4	—	3.50/ 88.9	3.88/ 98.6	6.56/ 166.6	7.88/ 200.2	1.06/ 26.9	2.13/ 54.1	6.00/ 152.4	2.25/ 57.2	
1-1/2	7.19/ 182.6	2.50/ 63.5	2.75/ 69.9	8.56/ 217.4	—	3.50/ 88.9	3.81/ 96.8	6.44/ 163.6	7.88/ 200.2	1.19/ 30.2	2.38/ 60.5	6.00/ 152.4	2.25/ 57.2	
2	9.50/ 241.3	3.13/ 79.5	3.44/ 87.4	10.81/ 274.6	—	4.19/ 106.4	4.56/ 115.8	8.31/ 211.1	10.19/ 258.8	1.50/ 38.1	2.94/ 74.7	8.06/ 204.7	2.75/ 69.9	
Sand Cast														
2-1/2	12.25/ 311.2	4.31/ 109.5	3.88/ 98.6	15.13/ 384.3	7.19/ 182.6	5.75/ 146.1	5.25/ 133.4	11.88/ 301.8	13.69/ 347.7	1.81/ 46.0	3.38/ 85.9	10.63/ 270.0	3.69/ 93.7	
3	12.25/ 311.2	4.31/ 109.5	4.63/ 117.6	15.13/ 384.3	7.19/ 182.6	5.75/ 146.1	6.00/ 152.4	11.56/ 293.6	13.69/ 347.7	2.19/ 55.6	4.13/ 104.9	10.63/ 270.0	3.69/ 93.7	
3-1/2	14.88/ 378.0	5.50/ 139.7	5.19/ 131.8	18.13/ 460.5	8.75/ 222.3	7.13/ 181.1	6.81/ 173.0	14.00/ 355.6	16.50/ 419.1	2.50/ 63.5	4.75/ 120.7	13.13/ 333.5	4.88/ 124.0	
4	14.88/ 378.0	5.50/ 139.7	5.56/ 141.2	18.13/ 460.5	8.75/ 222.3	7.13/ 181.1	7.19/ 182.6	13.75/ 349.3	16.50/ 419.1	2.75/ 69.9	5.13/ 130.3	13.13/ 333.5	4.88/ 124.0	

Form 7 Conduit Bodies

For Rigid Conduit & IMC

Types LB, T, LL, LR

Use:

To provide access to conductors for pulling, splicing, maintenance and future changes/upgrades. Allows connection of straight conduit runs, branch conduit runs and 90° bends.

Features:

- Tapered threaded hubs (NPT).
- Flat back design for greater wiring capacity and surface mounting.
- Complete interchangeability with other manufacturers' Form 7 conduit bodies.
- Internal volume and maximum wire clearly marked on castings.
- Time-saving Clip-on™ covers in steel, gray iron or aluminum.
- For covers and gaskets, see Page - AA3 and AA4.


Material/Finish:


- Gray Iron/Zinc Electroplated/Aluminum Enamel
- Copper-free Aluminum/Aluminum Enamel

Optional Finish:

For additional corrosion protection, specify Hot Dip Galvanized. Add suffix "G" to Gray Iron catalog number. Contact your local representative for pricing and availability.

Third Party Certification:

 UL Listed: E-18095
Suitable for wet locations when used with gasketed covers.

 CSA Certified: 009795
Suitable for wet locations when used with gasketed covers.

Applicable Third Party Standards:

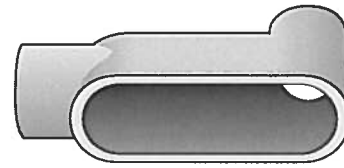
UL Standard: 514A
CSA Standard: C22.2 No. 18
Fed. Spec: A-A-50563
NEMA: FB-1, FB-2.10

Dimensional Data:

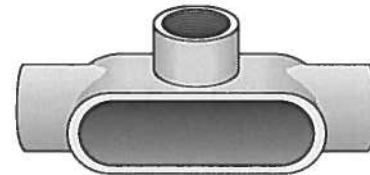
See Pages AA5 - AA7.

Note: Conduit bodies are suitable for use in Class I, Div. 2 hazardous locations per NEC Section 501-4(B).

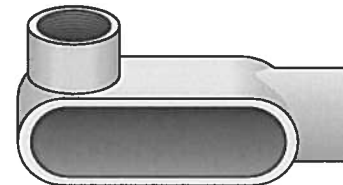
Trade Size (inches)	Catalog Number Gray Iron	Catalog Number Aluminum
½	LB17	LB17-SA
¾	LB27	LB27-SA
1	LB37	LB37-SA
1¼	LB47	LB47-SA
1½	LB57	LB57-SA
2	LB67	LB67-SA
2½	LB77	LB77-SA
3	LB87	LB87-SA
3½	LB97	
4	LB107	
½	T17	T17-SA
¾	T27	T27-SA
1	T37	T37-SA
1¼	T47	T47-SA
1½	T57	T57-SA
2	T67	T67-SA
2½	T77	
3	T87	
3½	T97	
4	T107	
½	LL17	LL17-SA
¾	LL27	LL27-SA
1	LL37	LL37-SA
1¼	LL47	LL47-SA
1½	LL57	LL57-SA
2	LL67	LL67-SA
2½	LL77	
3	LL87	
3½	LL97	
4	LL107	
½	LR17	LR17-SA
¾	LR27	LR27-SA
1	LR37	LR37-SA
1¼	LR47	LR47-SA
1½	LR57	LR57-SA
2	LR67	LR67-SA
2½	LR77	
3	LR87	
3½	LR97	
4	LR107	



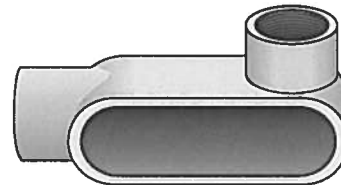
Type LB



Type T



Type LL



Type LR

Form 7 Conduit Bodies

For Rigid Conduit & IMC

Types TB, TA, X, C, L, E

Use:

To provide access to conductors for pulling, splicing, maintenance and future changes/upgrades. Allows connection of straight conduit runs, branch conduit runs and 90° bends.

Features:

- Tapered threaded hubs (NPT).
- Flat back design for greater wiring capacity and surface mounting.
- Complete interchangeability with other manufacturers' Form 7 conduit bodies.
- Internal volume and maximum wire clearly marked on castings.
- Time-saving Clip-on™ covers in steel, gray iron or aluminum.
- For covers and gaskets, see Page - AA3 and AA4.


Material/Finish:


- Gray Iron/Zinc Electroplated/Aluminum Enamel
- Copper-free Aluminum/Aluminum Enamel

Optional Finish:

For additional corrosion protection, specify Hot Dip Galvanized. Add suffix "G" to Gray Iron catalog number. Contact your local representative for pricing and availability.

Third Party Certification:

 UL Listed: E-18095
Suitable for wet locations when used with gasketed covers.

 CSA Certified: 009795
Suitable for wet locations when used with gasketed covers.

Applicable Third Party Standards:

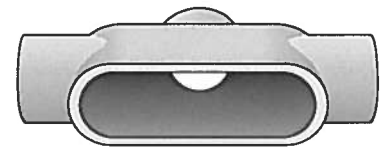
UL Standard: 514A
CSA Standard: C22.2 No. 18
Fed. Spec: A-A-50563
NEMA: FB-1, FB-2.10

Dimensional Data:

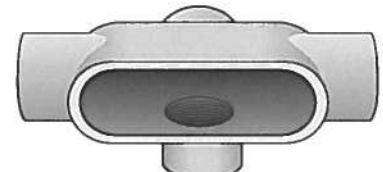
See Pages AA5 - AA7.

Note: Conduit bodies are suitable for use in Class I, Div. 2 hazardous locations per NEC Section 501-4(B).

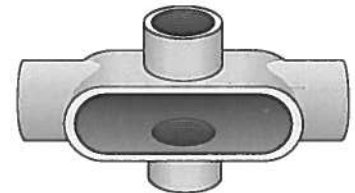
Trade Size (inches)	Catalog Number Gray Iron	Catalog Number Aluminum
½	TB17	TB17-SA
¾	TB27	TB27-SA
1	TB37	TB37-SA
1¼	TB47	TB47-SA
1½	TB57	TB57-SA
2	TB67	TB67-SA
½	TA17	
¾	TA27	
1	TA37	
1¼	TA47	
1½	TA57	
2	TA67	
½	X17	X17-SA
¾	X27	X27-SA
1	X37	X37-SA
1¼	X47	
1½	X57	X57-SA
2	X67	
½	C17	C17-SA
¾	C27	C27-SA
1	C37	C37-SA
1¼	C47	C47-SA
1½	C57	C57-SA
2	C67	C67-SA
2½	C77	C77-SA
3	C87	C87-SA
½	L17	
¾	L27	
1	L37	
1¼	L47	
1½	L57	
2	L67	
½	E17	E17-SA
¾	E27	E27-SA
1	E37	E37-SA



Type TB



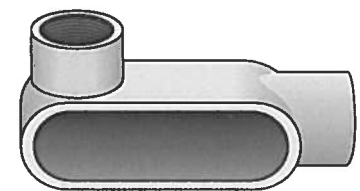
Type TA



Type X



Type C



Type L

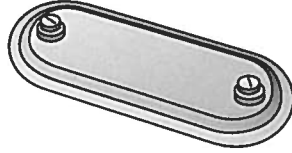
(Provided with one blank steel cover)



Type E

Clip-on™ Stamped Steel and Aluminum Covers and Separate Gaskets

For Form 7 Conduit Bodies



Type 170

Type 170 Stamped Steel and Aluminum Clip-on™ Cover

Use:

To cover conduit body opening.

Features:

- Centering tabs
- Easy installation
- Easy removal
- Nylon sealing washers

Material/Finish:

Stamped Steel/Zinc Pre-Galvanized
Stainless Steel Screws
Zinc Electroplated Clips

Optional Material:

Aluminum add suffix -SA as shown below

Third Party Certification:



UL Listed: E-18095

Suitable for wet locations when used with gaskets, Type GASK on Form 7 conduit bodies.



CSA Certified: 009795

Suitable for wet locations when used with gaskets, Type GASK on Form 7 conduit bodies.

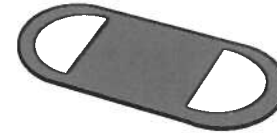
Applicable Third Party Standards:

UL Standard: 514A

CSA Standard: C22.2 No. 18

Fed. Spec: A-A-50563

NEMA: FB-1, FB-2.10



Type GASK

Type GASK Solid Cover Gasket

Use:

To provide a worry-free, rain tight seal when used with Type 170 or 170F covers that have heavy-duty cover screw washers.

Material:

Closed-Cell Neoprene.

Temperature Rating: 212°F/100°C.

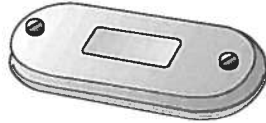
Note: UL/CSA not applicable.

Trade Size (inches)	Catalog Number Steel	Catalog Number Aluminum
½	170	170-SA
¾	270	270-SA
1	370	370-SA
1¼	470	470-SA
1½	570	570-SA
2	670	670-SA
2½-3	870	870-SA
3½-4	970	970-SA

Trade Size (inches)	Catalog Number
½	GASK571
¾	GASK572
1	GASK573
1¼	GASK574
1½	GASK575
2	GASK576
2½-3	GASK578
3½-4	GASK579

Clip-on™ Cast Iron and Cast Aluminum Covers and Separate Gaskets

For Form 7 Conduit Bodies



Type 170F

Type 170F Cast Gray Iron and Cast Aluminum Clip-on™ Cover

Use:

To cover conduit body opening.

Features:

- Centering tabs
- Easy installation
- Easy removal
- Nylon sealing washers

Material/Finish:

Gray Iron/Zinc Electroplated
Stainless Steel Screws
Zinc Electroplated Clips

Optional Finish

For additional corrosion protection, specify Hot Dip Galvanized. Add suffix "G" to Gray Iron catalog number. Contact your local representative for pricing and availability.

Optional Material

Cast Aluminum add suffix -SA as shown below

Third Party Certification:



UL Listed: E-18095

Suitable for wet locations when used with gaskets, Type GASK on Form 7 conduit bodies.



CSA Certified: 009795

Suitable for wet locations when used with gaskets, Type GASK on Form 7 conduit bodies.

Applicable Third Party Standards:

UL Standard: 514A

CSA Standard: C22.2 No. 18

Fed. Spec: A-A-50563

NEMA: FB-1, FB-2.10



Type GASK

Type GASK Solid Cover Gasket

Use:

To provide a worry-free, rain tight seal when used with Type 170 or 170F covers that have heavy-duty cover screw washers.

Material:

Closed-Cell Neoprene.

Temperature Rating: 212°F/100°C.

Note: UL/CSA not applicable.

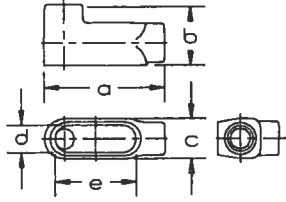
Trade Size (inches)	Catalog Number Gray Iron	Catalog Number Cast Aluminum
½	170F	170F-SA
¾	270F	270F-SA
1	370F	370F-SA
1¼	470F	470F-SA
1½	570F	570F-SA
2	670F	670F-SA
2½-3	870F	870F-SA
3½-4	970F	970F-SA

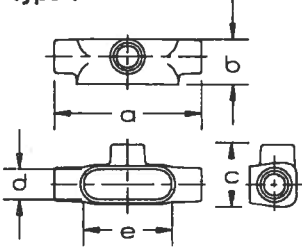
Trade Size (inches)	Catalog Number
½	GASK571
¾	GASK572
1	GASK573
1¼	GASK574
1½	GASK575
2	GASK576
2½-3	GASK578
3½-4	GASK579

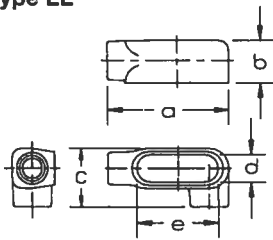
Form 7 Conduit Bodies

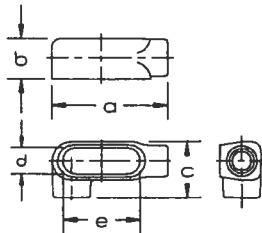
For Rigid Conduit & IMC

Dimensional Data:

Type LB	Catalog Number	Trade Size	Dimensions in Inches					Volume Cu. In.	Max No. Conductors
			a	b	c	d	e		
	LB17	½	4 ¹ / ₁₆	2¼	1¾	1 ¹ / ₁₆	3 ³ / ₁₆	4	N/A
	LB27	¾	5 ⁵ / ₁₆	2½	1 ¹ / ₁₆	1 ¹ / ₁₆	3 ³ / ₁₆	6.9	3 #6AWG
	LB37	1	6	2¾	1¾	1 ¹ / ₁₆	4½	10.5	3 #4AWG
	LB47	1¼	6½	3 ³ / ₁₆	2¾	1¾	5	19.3	3 #3AWG
	LB57	1½	7½	3 ¹ / ₁₆	2 ⁷ / ₁₆	1 ¹ / ₁₆	5 ¹ / ₁₆	26.5	3 #1AWG
	LB67	2	8¾	4¼	3	2 ¹ / ₁₆	6¾	46	3 #1/0AWG
	LB77	2½	10½	5¼	4¼	3 ³ / ₁₆	8¾	102	3 #3/0AWG
	LB87	3	10½	5¾	4¾	3 ³ / ₁₆	8¾	126	3 #3/0AWG
	LB97	3½	12 ¹ / ₁₆	6¾	5¼	4½	10¼	210	3 #300MCM
	LB107	4	12 ¹ / ₁₆	7 ¹ / ₁₆	5¼	4½	10¼	238	3 #300MCM

Type T	Catalog Number	Trade Size	Dimensions in Inches					Volume Cu. In.	Max No. Conductors
			a	b	c	d	e		
	T17	½	5 ⁵ / ₁₆	1¾	2 ¹ / ₁₆	1 ¹ / ₁₆	3 ³ / ₁₆	6	N/A
	T27	¾	6¼	2	2 ¹ / ₁₆	1 ¹ / ₁₆	3 ³ / ₁₆	19.5	3 #6AWG
	T37	1	7¼	2¼	3	1¾	4½	15	3 #4AWG
	T47	1¼	7 ⁷ / ₁₆	2 ⁵ / ₁₆	3 ³ / ₁₆	1¾	5	20	3 #3AWG
	T57	1½	8 ⁵ / ₁₆	2 ¹ / ₁₆	3 ³ / ₁₆	1 ¹ / ₁₆	5 ¹ / ₁₆	27	3 #2AWG
	T67	2	9 ⁹ / ₁₆	3¾	4¾	2 ¹ / ₁₆	6¾	50	3 #2AWG
	T77	2½	12	3¾	5¼	3 ³ / ₁₆	8¾	102	3 #1/0AWG
	T87	3	12 ¹ / ₁₆	4¾	5¼	3 ³ / ₁₆	8¾	126	3 #1/0AWG
	T97	3½	14 ¹ / ₁₆	4¾	6 ¹ / ₁₆	4½	10¼	210	3 #3/0AWG
	T107	4	14 ¹ / ₁₆	5¾	6 ¹ / ₁₆	4½	10¼	238	3 #3/0AWG

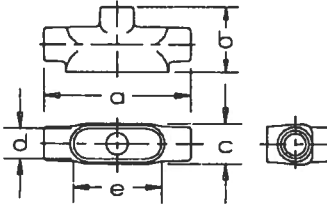
Type LL	Catalog Number	Trade Size	Dimensions in Inches					Volume Cu. In.	Max No. Conductors
			a	b	c	d	e		
	LL17	½	4 ¹ / ₁₆	1¾	2¼	1 ¹ / ₁₆	3 ³ / ₁₆	4	N/A
	LL27	¾	5 ⁵ / ₁₆	1¾	2 ¹ / ₁₆	1 ¹ / ₁₆	3 ³ / ₁₆	6.9	3 #6AWG
	LL37	1	6	1¾	2¼	1¾	4½	10.5	3 #4AWG
	LL47	1¼	6½	2 ¹ / ₁₆	3 ³ / ₁₆	1¾	5	19.5	3 #2AWG
	LL57	1½	7½	2 ¹ / ₁₆	3 ³ / ₁₆	1 ¹ / ₁₆	5 ¹ / ₁₆	27	3 #2AWG
	LL67	2	8¾	3¾	4¾	2 ¹ / ₁₆	6¾	50	3 #3/0AWG
	LL77	2½	10½	3¾	5¼	3 ³ / ₁₆	8¾	102	3 #250MCM
	LL87	3	10½	4¾	5¼	3 ³ / ₁₆	8¾	126	3 #250MCM
	LL97	3½	12 ¹ / ₁₆	4¾	6 ¹ / ₁₆	4½	10¼	210	3 #350MCM
	LL107	4	12 ¹ / ₁₆	5¾	6 ¹ / ₁₆	4½	10¼	238	3 #350MCM

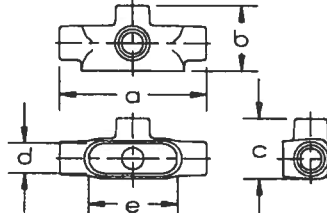
Type LR	Catalog Number	Trade Size	Dimensions in Inches					Volume Cu. In.	Max No. Conductors
			a	b	c	d	e		
	LR17	½	4 ¹ / ₁₆	1¾	2¼	1 ¹ / ₁₆	3 ³ / ₁₆	4	N/A
	LR27	¾	5 ⁵ / ₁₆	1¾	2 ¹ / ₁₆	1 ¹ / ₁₆	3 ³ / ₁₆	6.9	3 #6AWG
	LR37	1	6	1¾	2¼	1¾	4½	10.5	3 #4AWG
	LR47	1¼	6½	2 ¹ / ₁₆	3 ³ / ₁₆	1¾	5	19.5	3 #2AWG
	LR57	1½	7½	2 ¹ / ₁₆	3 ³ / ₁₆	1 ¹ / ₁₆	5 ¹ / ₁₆	27	3 #2AWG
	LR67	2	8¾	3¾	4¾	2 ¹ / ₁₆	6¾	50	3 #3/0AWG
	LR77	2½	10½	3¾	5¼	3 ³ / ₁₆	8¾	102	3 #250MCM
	LR87	3	10½	4¾	5¼	3 ³ / ₁₆	8¾	126	3 #250MCM
	LR97	3½	12 ¹ / ₁₆	4¾	6 ¹ / ₁₆	4½	10¼	210	3 #350MCM
	LR107	4	12 ¹ / ₁₆	5¾	6 ¹ / ₁₆	4½	10¼	238	3 #350MCM

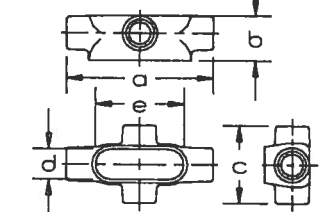
Form 7 Conduit Bodies

For Rigid Conduit & IMC

Dimensional Data:

Type TB	Catalog Number	Trade Size	Dimensions in Inches					Volume Cu. In.	Max No. Conductors
			a	b	c	d	e		
	TB17	½	5 ⁵ / ₈	2 ⁵ / ₈	1 ¹ / ₈	1 ⁵ / ₈	3 ³ / ₈	6	N/A
	TB27	¾	6 ¹ / ₄	2 ⁵ / ₈	1 ¹ / ₈	1 ⁵ / ₈	3 ³ / ₈	9.5	3 #6AWG
	TB37	1	7 ¹ / ₄	3 ¹ / ₄	2	1 ⁵ / ₈	4 ¹ / ₂	15	3 #4AWG
	TB47	1¼	7 ⁷ / ₈	3 ⁵ / ₈	2 ¹ / ₈	1 ⁵ / ₈	5	20	3 #3AWG
	TB57	1½	8 ¹ / ₈	3 ⁵ / ₈	2 ¹ / ₈	1 ⁵ / ₈	5 ¹ / ₈	27	3 #2AWG
	TB67	2	9 ¹ / ₈	4 ¹ / ₄	3	2 ¹ / ₈	6 ¹ / ₈	50	3 #2AWG

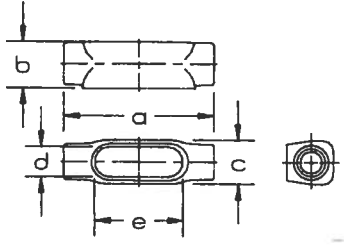
Type TA	Catalog Number	Trade Size	Dimensions in Inches					Volume Cu. In.	Max No. Conductors
			a	b	c	d	e		
	TA17	½	5 ⁵ / ₈	2 ⁵ / ₈	2 ¹ / ₈	1 ¹ / ₈	3 ³ / ₈	6	N/A
	TA27	¾	6 ¹ / ₄	2 ⁵ / ₈	2 ¹ / ₈	1 ¹ / ₈	3 ³ / ₈	9.5	3 #6AWG
	TA37	1	7 ¹ / ₄	3 ¹ / ₄	3	1 ⁵ / ₈	4 ¹ / ₂	15	3 #4AWG
	TA47	1¼	7 ⁷ / ₈	3 ⁵ / ₈	3 ³ / ₈	1 ⁵ / ₈	5	20	3 #3AWG
	TA57	1½	8 ¹ / ₈	3 ⁵ / ₈	3 ³ / ₈	1 ⁵ / ₈	5 ¹ / ₈	27	3 #2AWG
	TA67	2	9 ¹ / ₈	4 ¹ / ₄	4 ¹ / ₈	2 ¹ / ₈	6 ¹ / ₈	50	3 #2AWG

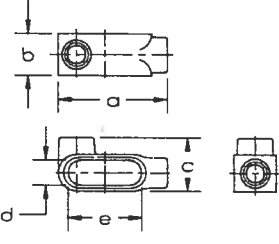
Type X	Catalog Number	Trade Size	Dimensions in Inches					Volume Cu. In.	Max No. Conductors
			a	b	c	d	e		
	X17	½	5 ⁵ / ₈	1 ¹ / ₄	3 ³ / ₈	1 ⁵ / ₈	3 ³ / ₈	6	N/A
	X27	¾	6 ¹ / ₄	2	3 ¹ / ₂	1 ¹ / ₄	3 ³ / ₈	9.5	3 #6AWG
	X37	1	7 ¹ / ₄	2 ¹ / ₄	3 ³ / ₈	1 ⁵ / ₈	4 ¹ / ₂	15	3 #4AWG
	X47	1¼	7 ⁷ / ₈	2 ⁵ / ₈	4 ¹ / ₈	1 ⁵ / ₈	5	20	3 #3AWG
	X57	1½	8 ¹ / ₈	2 ¹ / ₈	4 ¹ / ₈	1 ⁵ / ₈	5 ¹ / ₈	27	3 #2AWG
	X67	2	9 ¹ / ₈	3 ¹ / ₈	5 ¹ / ₈	2 ¹ / ₈	6 ¹ / ₈	50	3 #2AWG

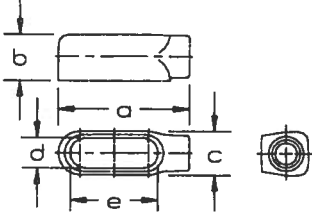
Form 7 Conduit Bodies

For Rigid Conduit & IMC

Dimensional Data:

Type C	Catalog Number	Trade Size	Dimensions in Inches					Volume Cu. In.	Max No. Conductors
			a	b	c	d	e		
	C17	½	5½	1½	1½	1½	3½	4	N/A
	C27	¾	6	1½	1½	1½	3½	6.9	3 #6AWG
	C37	1	7	1½	1½	1½	4½	10.5	3 #4AWG
	C47	1¼	7½	2½	2½	1½	5	20	3 #3AWG
	C57	1½	8½	2½	2½	1½	5½	27	3 #2AWG
	C67	2	9½	3½	3	2½	6½	50	3 #1/0AWG
	C77	2½	12	3½	4¼	3½	8½	102	3 #2/0AWG
	C87	3	12	4½	4¼	3½	8½	126	3 #2/0AWG

Type L	Catalog Number	Trade Size	Dimensions in Inches					Volume Cu. In.	Max No. Conductors
			a	b	c	d	e		
	L17	½	4½	1½	2¼	1½	3½	5	N/A
	L27	¾	5½	1½	2½	1½	3½	8	3 #6AWG
	L37	1	6	2	2¼	1½	4½	13	3 #4AWG
	L47	1¼	6½	2½	3½	1½	5	22	3 #2AWG
	L57	1½	7½	2½	3½	1½	5½	31	3 #2AWG
	L67	2	8½	3½	4½	2½	6½	55	3 #2AWG

Type E	Catalog Number	Trade Size	Dimensions in Inches					Volume Cu. In.	Max No. Conductors
			a	b	c	d	e		
	E17	½	4½	1½	1½	1½	3½	3.9	N/A
	E27	¾	5½	1½	1½	1½	3½	6.5	3 #6AWG
	E37	1	6	1½	1½	1½	4½	10	3 #4AWG

Aluminum Conduit Bodies

For Rigid Conduit & IMC

Types LB, T, LL, LR, C

Use:

To provide access to conductors for pulling, splicing, maintenance and future changes/upgrades. Allows connection of straight conduit runs, branch conduit runs and 90° bends.

Features:

- Tapered threaded hubs (NPT).
- Raintight when used with gasketed covers.
- For covers and gaskets, see Page AC5.
- Internal volume and maximum wire clearly marked on castings.

Material/Finish:

½" - 2" Trade Size

Die-cast Copper-free Aluminum/
Aluminum Enamel

2½" - 4" Trade Size

Sand-cast Copper-free Aluminum/
Aluminum Enamel

Third Party Certification:



UL Listed: E-18095

Suitable for wet locations when used with gasketed covers.



CSA Certified: 009795

Suitable for wet locations when used with gasketed covers.

Applicable Third Party Standards:

UL Standard: 514A

CSA Standard: C22.2 No. 18

Fed Spec: A-A-50563

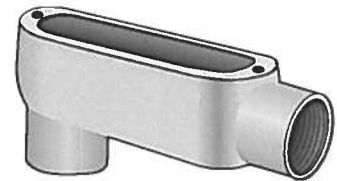
NEMA: FB-1, FB-2.10

Dimensional Data:

See Pages AC6, AC7

Note: Conduit bodies are suitable for use in Class I, Div. 2 hazardous locations per NEC Section 501-4(B).

Trade Size (inches)	Catalog Number Die-Cast	Catalog Number Sand-Cast
½	LB-50A	
¾	LB-75A	
1	LB-100A	
1¼	LB-125A	
1½	LB-150A	
2	LB-200A	
2½		LB-250A
3		LB-300A
3½		LB-350A
4		LB-400A
½	T-50A	
¾	T-75A	
1	T-100A	
1¼	T-125A	
1½	T-150A	
2	T-200A	
2½		T-250A
3		T-300A
3½		T-350A
4		T-400A
½	LL-50A	
¾	LL-75A	
1	LL-100A	
1¼	LL-125A	
1½	LL-150A	
2	LL-200A	
2½		LL-250A
3		LL-300A
3½		LL-350A
4		LL-400A
½	LR-50A	
¾	LR-75A	
1	LR-100A	
1¼	LR-125A	
1½	LR-150A	
2	LR-200A	
2½		LR-250A
3		LR-300A
3½		LR-350A
4		LR-400A
½	C-50A	
¾	C-75A	
1	C-100A	
1¼	C-125A	
1½	C-150A	
2	C-200A	
2½		C-250A
3		C-300A
3½		C-350A
4		C-400A



Type LB-A



Type T-A



Type LL-A



Type LR-A



Type C-A

Aluminum Conduit Bodies

For Rigid Conduit & IMC

Types TB, X

Use:

To provide access to conductors for pulling, splicing, maintenance and future changes/upgrades. Allows connection of straight conduit runs, branch conduit runs and 90° bends.

Features:

- Tapered threaded hubs (NPT).
- Raintight when used with gasketed covers.
- For covers and gaskets, see Page AC5.
- Internal volume and maximum wire clearly marked on castings.

Material/Finish:

½" - 2" Trade Size
Sand-cast Copper-free Aluminum/
Aluminum Enamel

Third Party Certification:



UL Listed: E-18095

Suitable for wet locations when used with gasketed covers.



CSA Certified: LR-9795

Suitable for wet locations when used with gasketed covers.

Applicable Third Party Standards:

UL Standard: 514A
CSA Standard: C22.2 No. 18
Fed Spec: A-A-50563
NEMA: FB-1, FB-2.10

Dimensional Data:

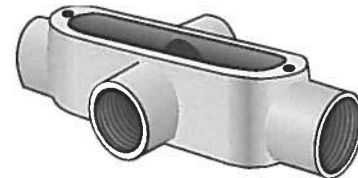
See Page AC6 - AC7.

Note: Conduit bodies are suitable for use in Class I, Div. 2 hazardous locations per NEC Section 501-4(B).

Trade Size (inches)	Catalog Number Sand-Cast
½	TB-50A
¾	TB-75A
1	TB-100A
1¼	TB-125A
1½	TB-150A
2	TB-200A
½	X-50A
¾	X-75A
1	X-100A
1¼	X-125A
1½	X-150A
2	X-200A



Type TB-A



Type X-A

Conduit Body, Cover & Gasket Assemblies

For Rigid Conduit & IMC

Types LB, T, LL, LR, C

Use:

To provide access to conductors for pulling, splicing, maintenance and future changes/upgrades. Allows connection of straight conduit runs, branch conduit runs and 90° bends.

Features:

- Tapered threaded hubs (NPT)
- Packaged complete under one Catalog Number
- Ready to use

Material/Finish

Conduit Body - Die-cast, Copper-free
Aluminum with Aluminum Enamel
Cover - Type BS Aluminum
Gasket - Type SGN Neoprene

Third Party Certification:



UL Listed:
E-18095
Suitable for wet locations.



CSA Certified:
LR-9795
Suitable for wet locations.

Applicable Third Party Standards:

UL Standard: 514A
CSA Standard: C22.2 No. 18
Fed Spec: A-A-50563
NEMA: FB-1, FB-2.10

Dimensional Data:

See Pages AC6 - AC7.

Note: For additional information, please refer to:

- Conduit Bodies on page AC1.
- Covers and Gaskets on page AC5.

Trade Size (inches)	Catalog Number Die-Cast
½	LB-50ACG
¾	LB-75ACG
1	LB-100ACG
1¼	LB-125ACG
1½	LB-150ACG
2	LB-200ACG
½	T-50ACG
¾	T-75ACG
1	T-100ACG
1¼	T-125ACG
1½	T-150ACG
2	T-200ACG
½	LL-50ACG
¾	LL-75ACG
1	LL-100ACG
1¼	LL-125ACG
1½	LL-150ACG
2	LL-200ACG
½	LR-50ACG
¾	LR-75ACG
1	LR-100ACG
1¼	LR-125ACG
1½	LR-150ACG
2	LR-200ACG
½	C-50ACG
¾	C-75ACG
1	C-100ACG
1¼	C-125ACG
1½	C-150ACG
2	C-200ACG



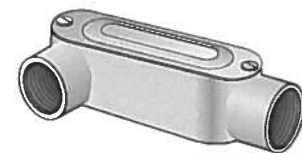
Type LB-ACG



Type T-ACG



Type LL-ACG



Type LR-ACG



Type C-ACG

Aluminum Conduit Bodies

Set Screw Type for EMT (Thinwall Conduit)

Types LB, T, LL, LR, C

Use:

To provide access to conductors for pulling, splicing, maintenance and future changes/upgrades. Allows connection of straight conduit runs, branch conduit runs and 90° bends.

Features:

- Slotted hex head steel hardened cup-point set screw for EMT.
- Internal volume and maximum wire clearly marked on castings.
- For covers and gaskets, see Page AC5.

Material/Finish:

Die-cast Copper-free Aluminum/
Aluminum Enamel

Third Party Certification:



UL Listed: E-18095



CSA Certified: 009795

Applicable Third Party Standards:

UL Standard: 514A
CSA Standard: C22.2 No. 18
Fed Spec: A-A-50563
NEMA: FB-1, FB-2.10

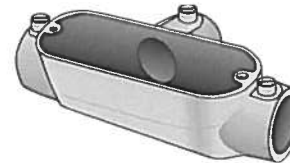
Dimensional Data:

See Pages AC8 - AC9.

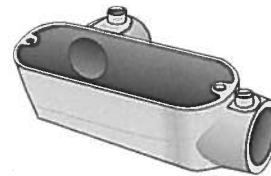
Trade Size (inches)	Catalog Number
½	LB-50A-TW
¾	LB-75A-TW
1	LB-100A-TW
1¼	LB-125A-TW
1½	LB-150A-TW
2	LB-200A-TW
½	T-50A-TW
¾	T-75A-TW
1	T-100A-TW
1¼	T-125A-TW
1½	T-150A-TW
2	T-200A-TW
½	LL-50A-TW
¾	LL-75A-TW
1	LL-100A-TW
1¼	LL-125A-TW
1½	LL-150A-TW
2	LL-200A-TW
½	LR-50A-TW
¾	LR-75A-TW
1	LR-100A-TW
1¼	LR-125A-TW
1½	LR-150A-TW
2	LR-200A-TW
½	C-50A-TW
¾	C-75A-TW
1	C-100A-TW
1¼	C-125A-TW
1½	C-150A-TW
2	C-200A-TW



Type LB-TW



Type T-TW



Type LL-TW



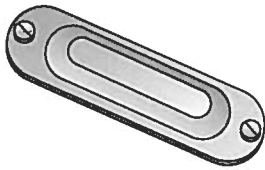
Type LR-TW



Type C-TW

Covers & Gaskets

For O-Z/Gedney Aluminum Conduit Bodies



Type BS-A

Type BS-A Domed Top Design Cover

Use:

To cover conduit body openings.

Material/Finish:

Stamped Copper-free Aluminum
Stainless Steel Screws
Natural Finish

Third Party Certification:



UL Listed:
E-18095



CSA Certified:
009795

Applicable Third Party Standards:

UL Standard: 514A
CSA Standard: C22.2 No. 18
Fed Spec: A-A-50563
NEMA: FB-1, FB-2.10



Type SG & SGN

Type SG & SGN Solid Cover Sealing Gasket

Use:

To provide a worry-free, raintight seal when used with Type BS-A covers.

Material:

Velbuna Composition
Closed-Cell Neoprene

Material:

Temperature Rating: 212°F/100°C.

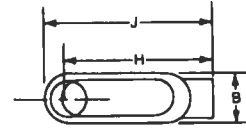
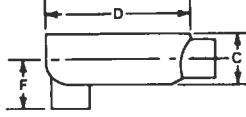
Trade Size (inches)	Catalog Number	Trade Size (inches)	Catalog Number Velbuna	Catalog Number Neoprene
½	BS-50A	½	SG-50	SGN-50
¾	BS-75A	¾	SG-75	SGN-75
1	BS-100A	1	SG-100	SGN-100
1¼-1½	BS-125A	1¼-1½	SG-125	SGN-125
2	BS-200A	2	SG-200	SGN-200
2½-3	BS-250A	2½-3	SG-250	SGN-250
3½-4	BS-350A*	3½-4	SG-350	SGN-350

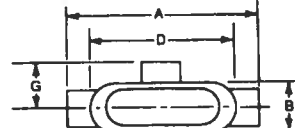

* Flat Top Design Cover

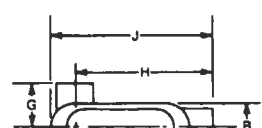
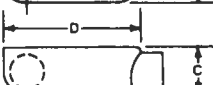
Aluminum Conduit Bodies

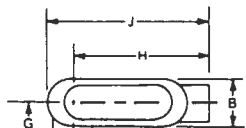
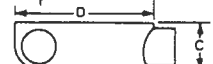
For Rigid Conduit & IMC

Dimensional Data:

Type LB-A	Catalog Number	Trade Size	Dimensions in Inches						Volume Cu. In.	Max No. Conductors
			B	C	D	F	H	J		
	LB-50A	½	1¼	1⅞	4	1½	3⅞	4½	4.3	N/A
	LB-75A	¾	1½	1⅞	4⅞	1⅞	4¼	5⅞	7.3	3 #6AWG
	LB-100A	1	1¾	2	5⅞	2	5	6⅞	12.2	3 #4AWG
	LB-125A	1¼	2½	2⅞	7¼	2¼	6⅞	7⅞	34.0	3 #2AWG
	LB-150A	1½	2½	2⅞	7¼	2¼	6⅞	7⅞	35.8	3 #1/0AWG
	LB-200A	2	3¼	3⅞	9½	2⅞	8¼	10⅞	77.5	3 #4/0AWG
	LB-250A	2½	4¾	4	12⅞	3⅞	11⅞	13⅞	142.0	3 #300MCM
	LB-300A	3	4¾	4⅞	12⅞	3⅞	11⅞	13⅞	173.0	3 #400MCM
	LB-350A	3½	5⅞	5⅞	15	4¼	13⅞	16⅞	292.0	3 #500MCM
	LB-400A	4	5⅞	5⅞	15	4¼	14	16⅞	324.0	3 #500MCM

Type T-A	Catalog Number	Trade Size	Dimensions in Inches					Volume Cu. In.	Max No. Conductors
			A	B	C	D	G		
	T-50A	½	5	1¼	1⅞	4	1½	4.2	N/A
	T-75A	¾	5⅞	1½	1⅞	4⅞	1⅞	7.1	3 #6AWG
	T-100A	1	6¼	1¾	2	5¼	2	12.0	3 #4AWG
	T-125A	1¼	8⅞	2½	2⅞	7¼	2¼	31.5	3 #2AWG
	T-150A	1½	8⅞	2½	2⅞	7¼	2¼	34.5	3 #1AWG
	T-200A	2	10⅞	3⅞	3⅞	9½	2⅞	75.0	3 #2/0AWG
	T-250A	2½	15⅞	4⅞	4	12⅞	3⅞	142.0	3 #4/0AWG
	T-300A	3	15¼	4⅞	4⅞	12⅞	3⅞	182.0	3 #4/0AWG
	T-350A	3½	18¼	5⅞	5⅞	14⅞	4⅞	290.0	3 #350MCM
	T-400A	4	18¼	5⅞	5⅞	14⅞	4⅞	320.0	3 #350MCM

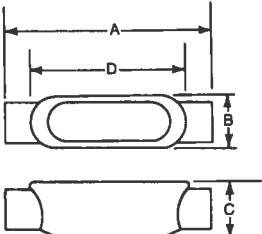
Type LL-A	Catalog Number	Trade Size	Dimensions in Inches						Volume Cu. In.	Max No. Conductors
			B	C	D	G	H	J		
	LL-50A	½	1¼	1⅞	4	1½	3⅞	4½	4.3	N/A
	LL-75A	¾	1½	1⅞	4⅞	1⅞	4¼	5⅞	7.3	3 #6AWG
	LL-100A	1	1¾	2	5⅞	2	5	6⅞	12.2	3 #4AWG
	LL-125A	1¼	2½	2⅞	7¼	2¼	6⅞	7⅞	34.0	3 #2AWG
	LL-150A	1½	2½	2⅞	7¼	2¼	6⅞	7⅞	35.8	3 #1AWG
	LL-200A	2	3¼	3⅞	9½	2⅞	7⅞	10⅞	77.5	3 #2/0AWG
	LL-250A	2½	4¾	3⅞	12⅞	3⅞	11⅞	13⅞	142.0	3 #4/0AWG
	LL-300A	3	4¾	4⅞	12⅞	3⅞	11⅞	13⅞	173.0	3 #4/0AWG
	LL-350A	3½	5⅞	5⅞	15	4¼	13⅞	16⅞	292.0	3 #350MCM
	LL-400A	4	5⅞	5⅞	15	4¼	13⅞	16⅞	324.0	3 #350MCM

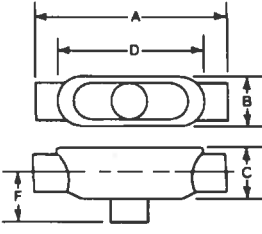
Type LR-A	Catalog Number	Trade Size	Dimensions in Inches						Volume Cu. In.	Max No. Conductors
			B	C	D	G	H	J		
	LR-50A	½	1¼	1⅞	4	1½	3⅞	4½	4.3	N/A
	LR-75A	¾	1½	1⅞	4⅞	1⅞	4¼	5⅞	7.3	3 #6AWG
	LR-100A	1	1¾	2	5⅞	2	5	6⅞	12.2	3 #4AWG
	LR-125A	1¼	2½	2⅞	7¼	2¼	6⅞	7⅞	34.0	3 #2AWG
	LR-150A	1½	2½	2⅞	7¼	2¼	6⅞	7⅞	35.8	3 #1AWG
	LR-200A	2	3¼	3⅞	9½	2⅞	7⅞	10⅞	77.5	3 #2/0AWG
	LR-250A	2½	4¾	3⅞	12⅞	3⅞	11⅞	13⅞	142.0	3 #4/0AWG
	LR-300A	3	4¾	4⅞	12⅞	3⅞	11⅞	13⅞	173.0	3 #4/0AWG
	LR-350A	3½	5⅞	5⅞	15	4¼	13⅞	16⅞	292.0	3 #350MCM
	LR-400A	4	5⅞	5⅞	15	4¼	13⅞	16⅞	350.0	3 #350MCM

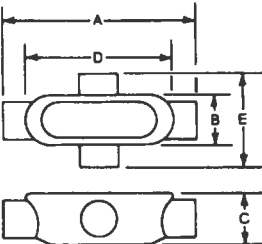
Aluminum Conduit Bodies

For Rigid Conduit & IMC

Dimensional Data:

Type C-A	Catalog Number	Trade Size	Dimensions in Inches				Volume Cu. In.	Max No. Conductors
			A	B	C	D		
	C-50A	½	5	1¼	1⅞	4	4.2	N/A
	C-75A	¾	5½	1½	1⅞	4½	7.1	3 #6AWG
	C-100A	1	6¼	1¾	2	5½	12.0	3 #4AWG
	C-125A	1¼	8¾	2½	2⅞	7¼	31.5	3 #2AWG
	C-150A	1½	8¾	2½	2¾	7¼	34.5	3 #1AWG
	C-200A	2	10½	3¼	3¼	9½	75.0	3 #2/0AWG
	C-250A	2½	15½	4¼	4	12½	153.0	3 #4/0AWG
	C-300A	3	15½	4¼	4¼	12½	181.0	3 #4/0AWG
	C-350A	3½	18¼	5½	5½	15	290.0	3 #350MCM
	C-400A	4	18¼	5½	5½	15	320.0	3 #350MCM

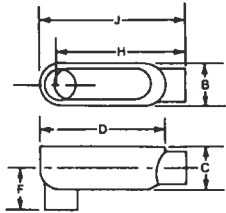
Type TB-A	Catalog Number	Trade Size	Dimensions in Inches					Volume Cu. In.	Max No. Conductors
			A	B	C	D	F		
	TB-50A	½	5¼	1¼	1⅞	4	1¼	4.0	N/A
	TB-75A	¾	6	1½	1⅞	4½	1½	7.0	3 #6AWG
	TB-100A	1	7¼	1¾	2	5½	1¼	13.0	3 #4AWG
	TB-125A	1¼	9¾	2½	2⅞	7¼	2¼	32.0	3 #2AWG
	TB-150A	1½	9¾	2½	2¾	7¼	2¾	34.0	3 #1AWG
	TB-200A	2	11¾	3¼	3¼	9¾	2¾	70.0	3 #2/0AWG

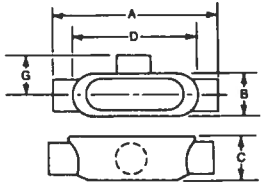
Type X-A	Catalog Number	Trade Size	Dimensions in Inches					Volume Cu. In.	Max No. Conductors
			A	B	C	D	E		
	X-50A	½	5¼	1¾	1⅞	4	2¼	4.0	N/A
	X-75A	¾	6¼	1¾	1⅞	4½	3¼	7.0	3 #6AWG
	X-100A	1	7¼	1¾	2	5½	3½	12.0	3 #4AWG
	X-125A	1¼	9¾	2½	2⅞	7¼	4½	32.0	3 #2AWG
	X-150A	1½	9¾	2½	2¾	7¼	4¾	36.0	3 #1AWG
	X-200A	2	11¾	3¼	3½	9¾	5½	70.0	3 #2/0AWG

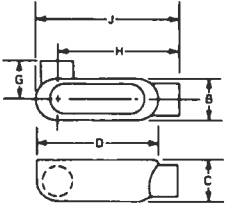
Aluminum Conduit Bodies

Set Screw Type for EMT (Thinwall Conduit)

Dimensional Data:

Type LB	Catalog Number	Trade Size	Dimensions in Inches						Volume Cu. In.	Max No. Conductors
			B	C	D	F	H	J		
	LB-50A-TW	½	1¼	1⅞	4	1⅞	3⅞	4½	4.3	N/A
	LB-75A-TW	¾	1½	1⅞	4⅞	1⅞	4¼	5⅞	7.3	3 #6AWG
	LB-100A-TW	1	1¾	2	5⅞	2	5	6⅞	12.2	3 #4AWG
	LB-125A-TW	1¼	2½	2⅞	7¼	2¼	6½	7⅞	34.0	3 #2AWG
	LB-150A-TW	1½	2½	2⅞	7¼	2¼	6½	7⅞	35.8	3 #1/0AWG
	LB-200A-TW	2	3⅞	3⅞	9½	2⅞	8¼	10⅞	77.5	3 #4/0AWG

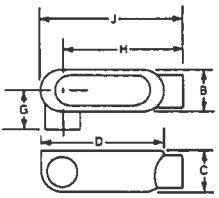
Type T	Catalog Number	Trade Size	Dimensions in Inches					Volume Cu. In.	Max No. Conductors
			A	B	C	D	G		
	T-50A-TW	½	5	1¼	1⅞	4	1½	4.2	N/A
	T-75A-TW	¾	5⅞	1½	1⅞	4⅞	1⅞	7.1	3 #6AWG
	T-100A-TW	1	6⅞	1¼	2	5¼	2	12.0	3 #4AWG
	T-125A-TW	1¼	8⅞	2½	2⅞	7¼	2¼	31.5	3 #2AWG
	T-150A-TW	1½	8⅞	2½	2⅞	7¼	2¼	34.5	3 #1AWG
	T-200A-TW	2	10⅞	3⅞	3⅞	9½	2⅞	75.0	3 #2/0AWG

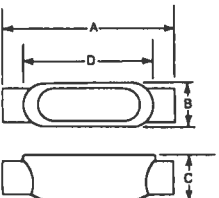
Type LL	Catalog Number	Trade Size	Dimensions in Inches						Volume Cu. In.	Max No. Conductors
			B	C	D	G	H	J		
	LL-50A-TW	½	1¼	1⅞	4	1⅞	3⅞	4½	4.3	N/A
	LL-75A-TW	¾	1½	1⅞	4⅞	1⅞	4¼	5⅞	7.3	3 #6AWG
	LL-100A-TW	1	1¾	2	5⅞	2	5	6⅞	12.2	3 #4AWG
	LL-125A-TW	1¼	2½	2⅞	7¼	2¼	6½	7⅞	34.0	3 #2AWG
	LL-150A-TW	1½	2½	2⅞	7¼	2¼	6½	7⅞	35.8	3 #1AWG
	LL-200A-TW	2	3⅞	3⅞	9½	2⅞	7⅞	10⅞	77.5	3 #2/0AWG

Aluminum Conduit Bodies

Set Screw Type for EMT (Thinwall Conduit)

Dimensional Data:

Type LR	Catalog Number	Trade Size	Dimensions in Inches						Volume Cu. In.	Max No. Conductors
			B	C	D	G	H	J		
	LR-50A-TW	½	1¼	1½	4	1½	3¾	4½	4.3	N/A
	LR-75A-TW	¾	1½	1¾	4½	1¾	4¼	5	7.3	3 #6AWG
	LR-100A-TW	1	1¾	2	5½	2	5	6½	12.2	3 #4AWG
	LR-125A-TW	1¼	2½	2¾	7¼	2¼	6½	7¾	34.0	3 #2AWG
	LR-150A-TW	1½	2½	2¾	7¼	2¼	6½	7¾	35.8	3 #1AWG
	LR-200A-TW	2	3¾	3¾	9½	2¾	7¾	10¾	77.5	3 #2/0AWG

Type C	Catalog Number	Trade Size	Dimensions in Inches				Volume Cu. In.	Max No. Conductors
			A	B	C	D		
	C-50A-TW	½	5	1¼	1¾	4	4.2	N/A
	C-75A-TW	¾	5¾	1½	1¾	4¾	7.1	3 #6AWG
	C-100A-TW	1	6¾	1¾	2	5¾	12.0	3 #4AWG
	C-125A-TW	1¼	8¾	2½	2¾	7¼	31.5	3 #2AWG
	C-150A-TW	1½	8¾	2½	2¾	7¼	34.5	3 #1/0AWG
	C-200A-TW	2	10¾	3¾	3¾	9¾	75.0	3 #3/0AWG

FS and FD Cast Hub Device Boxes

UNILETS® for use with Threaded Rigid Conduit and IMC. All Device Boxes have Ridge Top Construction. Furnished with Internal Ground Screw.

Applications

- Accommodate wiring devices such as switches and receptacles.
- Provide excellent service in areas where boxes are subject to rough usage.
- Serve as pull boxes for conductors.
- Permit access to conductors for maintenance.
- Provide openings for making splices.
- Allow connections for branch conduit runs.
- Blank bodies for special conduit entrance arrangements.

Features

- Corrosion-resistant — ideal for indoor and outdoor installations.
- Weatherproof, raintight and dust-tight when used with cast gasketed covers.
- FS and FD boxes take standard flush wiring devices.
- FD boxes take devices exceeding 1.63 in/41.4 mm in depth under fastening ears.
- Malleable iron for high tensile strength and ductility — provides greater resistance to impact and shock.
- Both malleable iron and aluminum boxes have ridge top construction for positive cover/gasket/box fit.
- Accurately tapped, tapered threads for tight, rigid joints, ground continuity.
- Complete selection of covers, receptacles, plugs, gaskets and accessories.
- Covers have captive stainless steel screws to speed installation, prevents loss of screws.
- Internal grounding screws standard.
- Available in single, two and three gang and tandem.
- Smooth, rounded integral bushing in each hub protects conductor insulation.

Standard Materials

- Boxes: malleable iron or copperfree (4/10 of 1% max.) aluminum
- Covers: malleable iron, steel, or copperfree (4/10 of 1% max.) aluminum
- Screws: stainless steel
- Gaskets: neoprene

Standard Finishes

- Malleable iron boxes and covers: triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Aluminum boxes and covers: epoxy powder coat
- Steel covers: zinc electroplate

Certifications and Compliances

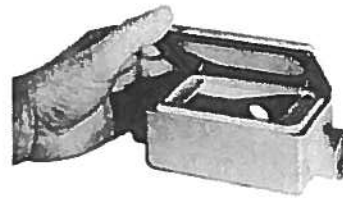
- UL Standard: 514A
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.1
- CSA Certified: 001472
- NEMA Standard: FB-1

Options

- PVC coating available on select bodies and covers. Add suffix -PVC to catalog number.



Illustrated Features



Gasket is designed so that it wraps around ridge top of Appleton aluminum or malleable iron device box. Result is a positive seal against moisture.







Gasket construction. Cover tightens on largest perimeter of gasket and fits snugly against portion of gasket that wraps around ridge top of box.

FS and FD Single Gang Cast Hub Device Boxes

UNILETS® for use with Threaded Rigid Metal Conduit and IMC, Furnished with Internal Ground Screw.

FS Box (Shallow) 2.00" deep, FD Box (Deep) 2.69" deep

	Type	Depth	Hub Size (Inches)	Catalog Number	
				Malleable Iron Ridge Top	Aluminum Ridge Top
	FS	Shallow	1/2	FS-1-50 *	FS-1-50-A *
			3/4	FS-1-75 *	FS-1-75-A *
			1	FS-1-100 *	FS-1-100-A *
	FD	Deep	1/2	FD-1-50 *	FD-1-50-A *
			3/4	FD-1-75 *	FD-1-75-A *
	FSC	Shallow	1/2	FSC-1-50 *	FSC-1-50-A *
			3/4	FSC-1-75 *	FSC-1-75-A *
			1	FSC-1-100 *	FSC-1-100-A *
	FDC	Deep	1/2	FDC-1-50 *	FDC-1-50-A *
			3/4	FDC-1-75 *	FDC-1-75-A *
	FSS	Shallow	1/2	FSS-1-50	FSS-1-50-A
			3/4	FSS-1-75	FSS-1-75-A
	FDS	Deep	1/2	FDS-1-50	FDS-1-50-A
			3/4	FDS-1-75	FDS-1-75-A
			1	FDS-1-100	FDS-1-100-A
	FSLA	Shallow	1/2	FSLA-1-50	—

Fittings







FITTINGS: CAST DEVICE BOXES

* PVC coating available on select bodies. Add suffix **-PVC** to catalog number.

FS and FD Single Gang Cast Hub Device Boxes

UNILETS® for use with Threaded Rigid Metal Conduit and IMC. FS Box 2.00" Deep, FD Box 2.69" Deep. Furnished with Internal Ground Screw.

FS Box (Shallow) 2.00" deep, FD Box (Deep) 2.69" deep

	Type	Depth	Hub Size (Inches)	Catalog Number	
				Malleable Iron Ridge Top	Aluminum Ridge Top
	FSCA	Shallow	1/2	FSCA-1-50	—
			3/4	FSCA-1-75	—
	FSCC	Shallow	1/2	FSCC-1-50	—
			3/4	FSCC-1-75	—
	FDCC	Deep	1/2	FDCC-1-50	—
			3/4	FDCC-1-75	FDCC-1-75-A
	FSCT	Shallow	1/2	FSCT-1-50	—
			3/4	FSCT-1-75	—
			1	FSCT-1-100	—
	FDCT	Deep	1/2	FDCT-1-50	—
			3/4	FDCT-1-75	—
			1	FDCT-1-100	—
	FST	Shallow	1/2	FST-1-50	—
			3/4	FST-1-75	—
	FDT	Deep	1/2	FDT-1-50	—
			3/4	FDT-1-75	—
	FSX	Shallow	1/2	FSX-1-50	—
			3/4	FSX-1-75	—
			1	FSX-1-100	—
	FDX	Deep	1/2	FDX-1-50	—
			3/4	FDX-1-75	—
			1	FDX-1-100	—
	FSCD	Shallow	1/2	FSCD-1-50	—
			3/4	FSCD-1-75	—



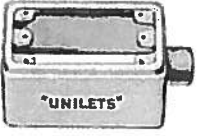
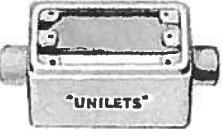



Fittings

FITTINGS: CAST DEVICE BOXES

FS and FD Single Gang and Tandem Cast Hub Device Boxes

UNILETS® for use with Threaded Rigid Metal Conduit and IMC, FS Box 2.00" Deep, FD Box 2.69" Deep. Furnished with Internal Ground Screw.

FS Box (Shallow) 2.00" deep, FD Box (Deep) 2.69" deep













	Type	Depth	Hub Size (Inches)	Catalog Number	
				Malleable Iron Ridge Top	Aluminum Ridge Top
FS and FD Single Gang Boxes with Mounting Lugs					
	FS	Shallow	1/2	FS-1-50L	—
			3/4	FS-1-75L	—
	FD	Deep	1/2	FD-1-50L	FD-1-50L-A
			3/4	FD-1-75L	FD-1-75L-A
			1	FD-1-100	FD-1-100-A
	FSC	Shallow	1/2	FSC-1-50L	—
			3/4	FSC-1-75L	—
	FDC	Deep	1/2	FDC-1-50L	FDC-1-50L-A
			3/4	FDC-1-75L	FDC-1-75L-A
			1	FDC-1-100	FDC-1-100-A
FS Single Gang Boxes with Double Opening					
	FS	3.38"	1/2	FS-1D-50	—
			3/4	FS-1D-75	—
	FSC	3.38"	1/2	FSC-1D-50	—
			3/4	FSC-1D-75	—
FS Two-Gang Tandem Boxes — Takes single gang covers					
	FS	Shallow	1/2	FS-2T-50	—
			3/4	FS-2T-75	—
	FSC	Shallow	1/2	FSC-2T-50	—
			3/4	FSC-2T-75	—
	FS	Extension	1	FS-1EXT	—

Fittings

FITTINGS: CAST DEVICE BOXES

FS and FD Single Gang and Tandem Cast Hub Device Box Covers

Steel Covers and Aluminum Covers for Ridge Top Boxes. Furnished with Stainless Steel Screws, Less Gasket.

	Description	Catalog Number	
		Steel	Aluminum
	For double push button switches, momentary contact and maintain switches.	FSK-1PB	—
	For square handle tumbler or toggle switches.	FSK-1TS	FSK-1TS-A
	For square handle tumbler or toggle switches. Has toggle guard.	FSK-1TSG	—
	For two or three interchangeable devices. Includes mounting bracket.	FSK-1WD-3	—
	For round flush receptacles, without lift cover. Mounts on device. Hole Dia. — 1-13/32".	FSK-1R-Q	FSK-1R-Q-A
	For round flush receptacles, with lift cover. Mounts on device. Hole Dia. — 1-13/32".	FSK-1R-T	—
	For round receptacles. Mounts directly on box. Hole Dia. — 1-13/32".	FSK-1R-W	FSK-1R-W-A
	For round receptacles. Mounts directly on box. Hole Dia. — 1-5/8". 3-9/32" C to C screw holes.	FSK-1R-X	—
	For round receptacles. Mounts on device. Hole Dia. — 1-5/8". 2-3/8" C to C screw holes.	FSK-1R-Y	FSK-1R-Y-A
	For standard 2 or 3 wire duplex receptacles.	FSK-1DR *	FSK-1DR-A
	For pilot lamp: Red Jewel	FSK-1J	—
	Amber Jewel	FSK-1JA	—
	Green Jewel	FSK-1JG	—
	Opal Jewel	FSK-1JO	—
	Blank	FSK-1B	FSK-1B-A














* PVC coating available on select covers. Add suffix **-PVC** to catalog number.

Fittings

FITTINGS: CAST DEVICE BOXES

FS and FD Single Gang and Tandem Cast Hub Device Box Covers

Covers for Ridge Top Boxes.

	Description	Catalog Number	
		Malleable Iron	Aluminum
Cast Covers NEMA 3R Wet Locations — Furnished with gasket and stainless steel screws			
	Receptacle cover with spring cover. Hole Diameter — 1-7/16"	FSK-1VR	FSK-1VR-A
	For duplex flush receptacle with spring cover	FSK-1VDR	FSK-1VDR-A
	For pilot lamp flush receptacles:		
	Red Jewel	FSK-1J-C	FSK-1-JCA
	Opal Jewel	FSK-1JOC	FSK-1JOCA
	Amber Jewel	FSK-1JAC	FSK-1JACA
	Green Jewel	FSK-1JGC	FSK-1JGCA
	For double push button switches	FSK-1PBS	—
	For external operation of tumbler switches with square handles	FSK-1VTS	FSK-1V TSA
	Operating type for square handle tumbler or toggle switches	FSK-1VS	FSK-1VS-A
	Rocker type for square handle tumbler or toggle flush switches	FSK-1V	FSK-1V-A
	Blank	FSK-1B-C *	FSK-1B-CA
Gasket — Replacement			
	Neoprene—for use with wet location covers	FS-GKR-1N	FS-GKR-1N
Cast Covers Dry Locations — Furnished with stainless steel screws less gasket			
	For standard 2 or 3 wire duplex receptacles	FSK-1DR-C	—
	For round flush receptacles Hole Dia. — 1-7/16"	FSK-1R-Z *	—
	For square handle toggle switches	FSK-1TS-C	—
	For square handle toggle switches; Has toggle guard	FSK-1TSG-C *	FSK-1TSG-CA

* PVC coating available on select covers. Add suffix -PVC to catalog number.

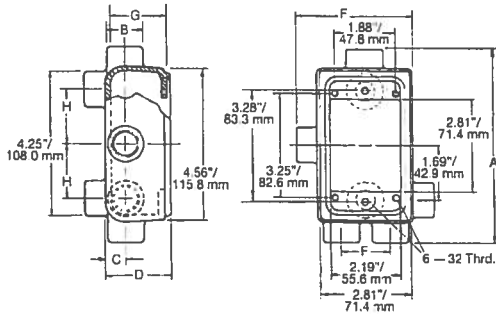
FS and FD Single Gang and Tandem Cast Hub Device Box Wiring Capacity and Dimensions

Wiring Capacity

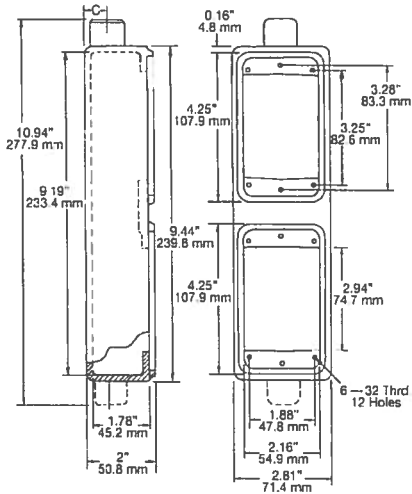
Hub Size (Inches)	Capacity (In ² /dm ²)		
	Single-Gang FS	Single-Gang FD	Two-Gang Tandem FS
1/2	18.00/0.29	25.00/0.41	40.00/0.66
3/4	18.00/0.29	25.00/0.41	40.00/0.66
1	18.00/0.29	25.00/0.41	40.00/0.66

Dimensions

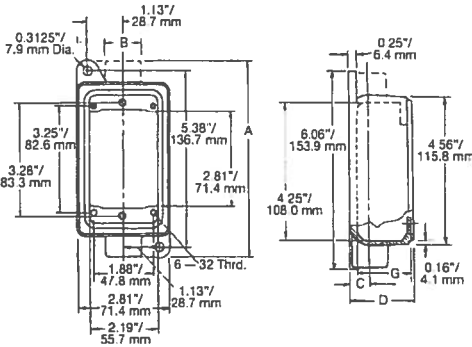
FS and FD Single Gang Boxes without lugs



FS Tandem Boxes



FS and FD Single Gang Boxes with lugs



Dimensions in Inches/Millimeters

Hub Size (Inches)	Dimensions in Inches/Millimeters									
	A	B	C	"FS"	"FD"	E	F	"FS"	"FD"	H
1/2	5.88/149.4	1.13/28.7	0.63/16.0	2.00/50.8	2.69/68.3	1.50/38.1	3.50/88.9	1.78/45.2	2.44/62.0	1.69/42.9
3/4	5.88/149.4	1.38/35.1	0.75/19.1	2.00/50.8	2.69/68.3	2.06/52.3	3.50/88.9	1.78/45.2	2.44/62.0	1.50/38.1
1	6.31/160.3	1.69/42.9	0.94/23.9	2.00/50.8	2.69/68.3	2.06/52.3	3.50/88.9	1.78/45.2	2.44/62.0	1.38/35.1






Fittings

FITTINGS: CAST DEVICE BOXES

FS and FD Two Gang Cast Device Boxes

UNILETS® for use with Threaded Rigid Metal Conduit and IMC, Furnished with Internal Ground Screw.

FS Box (Shallow) 2.00" deep, FD Box (Deep) 2.69" deep

	Type	Depth	Hub Size (Inches)	Catalog Number	
				Malleable Iron Ridge Top	Aluminum Ridge Top
	FS	Shallow	1/2	FS-2-50	FS-2-50-A
			3/4	FS-2-75	FS-2-75-A
			1	FS-2-100	—
	FD	Deep	1/2	FD-2-50	—
			3/4	FD-2-75	FD-2-75-A
			1	FD-2-100	—
	FSC	Shallow	1/2	FSC-2-50	—
			3/4	FSC-2-75	—
			1	FSC-2-100	—
	FDC	Deep	1/2	FDC-2-50	—
			3/4	FDC-2-75	FDC-2-75-A
			1	FDC-2-100	—
	FSS	Shallow	1/2	FSS-2-50	—
			3/4	FSS-2-75	FSS-2-75-A
			1	FSS-2-100	—
	FDS	Deep	3/4	FDS-2-75	—
					—
					—
	FSD	Shallow †	1/2-3/4	FSD-2-75	—
	FS	Extension *	1	FS-2EXT	—

† Largest hub at bottom in illustration.
* Extension does not have a ground screw.

Fittings

FITTINGS: CAST DEVICE BOXES

FS and FD Two Gang Cast Hub Device Box Covers for Ridge Top Boxes

	Description	Catalog Number	
		Steel	Aluminum
Stamped Steel and Aluminum Covers – With stainless steel screws, less gasket			
	For square handle tumbler or toggle flush switches	FSK-2TS	FSK-2TS-A
	For two round receptacles. Mounts on device. Hole Dia. – 1-13/32"	FSK-2R-Q	—
	For two round receptacles. Mounts directly on box. Hole Dia. – 1-13/32"	FSK-2R-W	—
	For round flush receptacles, with lift cover. Mounts on device. Hole Dia. – 1-13/32"	FSK-2R-T	—
	For duplex flush receptacles	FSK-2DR	FSK-2DR-A
	For tumbler flush switch and duplex flush receptacles	FSK-2RS-K	—
	For round flush receptacle and duplex receptacles Hole Dia. – 1-13/32"	FSK-2R-L	—
	For round receptacles. Hole Dia. – 2-15/32"	FSK-2R-M	—
	Blank Cover	FSK-2B	FSK-2B-A
		Malleable Iron	Aluminum
Cast Covers – Weatherproof – With gasket and stainless steel screws			
	For external operation of tumbler switches with square handles	FSK-2VTS	FSK-2VTS-A
	Blank Cover	FSK-2B-CM	FSK-2B-CA
	Gasket – Replacement	FS-GKR-2N	—
	Neoprene – for use with 2-gang cast covers above		

Fittings

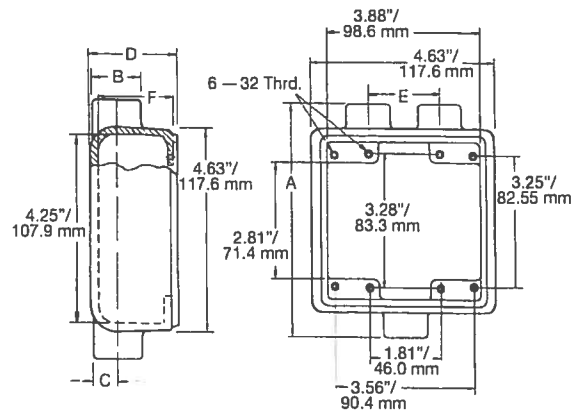
FITTINGS: CAST DEVICE BOXES

FS and FD Two Gang and Cast Hub Device Box Wiring Capacity and Dimensions

Wiring Capacity

Hub Size (Inches)	Capacity (in ³ /dm ³)	
	FS	FD
1/2	32.00/0.52	45.00/0.74
3/4	32.00/0.52	45.00/0.74
1	32.00/0.52	45.00/0.74

Dimensions



Hub Size (inches)	Dimensions in Inches/Millimeters							
	A	B	C	D		E	F	
				"FS"	"FD"		"FS"	"FD"
1/2	5.88/149.4	1.13/28.7	0.63/16.0	2.00/50.8	2.69/68.3	1.88/47.8	1.78/45.2	2.44/62.0
3/4	5.88/149.4	1.38/35.1	0.75/19.1	2.00/50.8	2.69/68.3	1.88/47.8	1.78/45.2	2.44/62.0
1	6.31/160.3	1.69/42.9	0.94/23.9	2.00/50.8	2.69/68.3	2.06/52.3	1.78/45.2	2.44/62.0



Fittings

FITTINGS: CAST DEVICE BOXES





FS Three Gang Cast Device Boxes and Stamped and Cast Covers for Ridge Top Boxes

UNILETS® for use with Threaded Rigid Metal Conduit and IMC. Furnished with Internal Ground Screw.

Three Gang Cast Device Boxes

	Type	Depth	Hub Size (Inches)	Catalog Number Malleable Iron Ridge Top
	FS	Shallow	3/4	FS-3-75
			1	FS-3-100
	FSS	Shallow	3/4	FSS-3-75

Cast Device Covers

	Description	Catalog Number
Stamped Steel Covers — Furnished with stainless steel screws, less gasket		
	For square handle tumbler or toggle flush switches	FSK-3TS
	Blank Cover	FSK-3B
Malleable Iron Cast Covers — Weatherproof — Furnished with gasket and stainless steel screws		
	Blank Cast Cover	FSK-3B-CM
Gasket — Replacement		
	Neoprene — for use with 3-gang covers above	FS-GKR-3N

Fittings

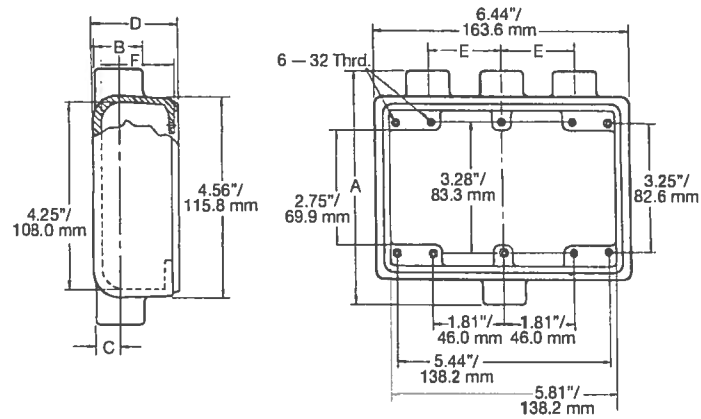
FITTINGS: CAST DEVICE BOXES

FS Three Gang Cast Device Box Wiring Capacity and Dimensions

Wiring Capacity

Hub Size (Inches)	Capacity (in ² /dm ²) FS
1/2	40.00/0.66
3/4	40.00/0.66
1	40.00/0.66

Dimensions in Inches/Millimeters



Hub Size (Inches)	Dimensions in Inches/Millimeters					
	A	B	C	D	E	F
1/2	5.88/149.4	1.13/28.7	0.63/16.0	2.00/50.8	1.88/47.8	1.78/45.2
3/4	5.88/149.4	1.38/35.1	0.75/19.1	2.00/50.8	1.88/47.8	1.78/45.2
1	6.31/190.3	1.69/42.9	0.94/23.9	2.00/50.8	2.13/54.1	1.78/45.2

Fittings

FITTINGS: CAST DEVICE BOXES

Wet Location Receptacle Covers

Available with NEMA Configuration Receptacles or as Covers Only

Covers also accommodate Toggle Switches.

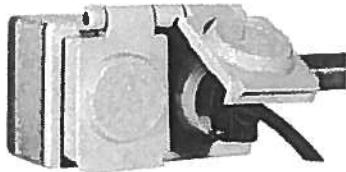
Applications

- Meet NEC 406.8(B) and CEC receptacle requirements for wet locations: "A receptacle installed outdoors where exposed to weather or in other wet locations shall be in a weatherproof enclosure, the integrity of which is not affected when the receptacle is in use (attachment plug cap inserted)."
- For industrial, commercial or residential use as a general purpose receptacle or for powering portable equipment not exceeding medium duty ratings.
- Mounts on FS or FD device boxes or equivalents, either single gang or multiple gang with single gang openings.

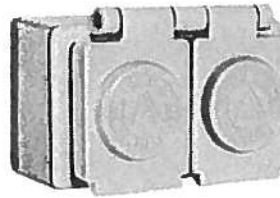
Features

- Provides full protection in damp or wet locations per NEC 406.8(B) and CEC. Gasketed spring door cover closes tightly automatically to protect receptacle from moisture and dirt when not in use. With plug inserted, a heavy-duty gasket in throat of receptacle seals around it to keep out moisture and dirt.
- Receptacle interiors comply with NEMA Standards WD-1 and WD-5.
- Receptacle interiors are specification grade, back and side-wired.
- Single cover units accommodate NEMA configuration receptacles for locking or non-locking blade plugs, or toggle switches. Duplex units accommodate one receptacle and one toggle switch or any combination of the two.
- Covers open all the way, permitting easy plug insertion and withdrawal. Also permits adequate access to cover screws for easy attachment of cover to FS, FD or other device box. Large head cover screws are captivated.
- Unique design of spring door hinge provides smooth action. Duplex units have a separate hinge shaft for each spring door cover to reduce stress on the shafts.
- Spring door cover puts pressure on plug (without tilting plug) to hold plug in best position for providing optimum weatherproof seal.
- Stainless steel hinge springs are completely enclosed — inside and out — for superior resistance against corrosion.
- EPDM gaskets provide superior resistance to the weather, ozone and temperatures between -50 °F/-45.6 °C and 260 °F/126.7 °C.
- Diecast copperfree cover assemblies with epoxy powder coat (electrostatically applied for uniform coverage) to provide protection against corrosion.

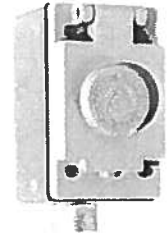
Illustrated Features



Typical application with NEMA configuration receptacle and plug, mounted on an FS box. Gasket seals around plug, keeping out moisture and dirt. Spring door closes automatically when plug is withdrawn to protect receptacle.



Duplex Cover on FS Box.



Single Cover on FS Box.

- Positive ground path assured for all exposed metal parts.
- Receptacle interiors grounded through an extra contact in all types. Self-grounded in duplex units.

Standard Materials

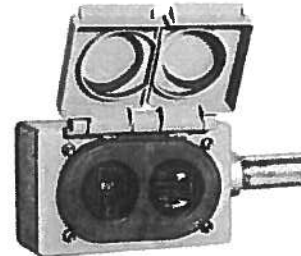
- Cover and faceplate: diecast copperfree (4/10 of 1%) aluminum
- Gaskets: ethylene propylene rubber (EPDM)
- Cover and device screws: stainless steel, 6—32 thread
- Hinge springs: stainless steel
- Hinge shaft: nylon
- FSK-SBA adapter: steel plate with closed cell sponged neoprene gasket

Standard Finishes

- Cover and faceplate: epoxy powder coat
- FSK-SBA adapter: zinc electroplate

Certifications and Compliances

- UL Standard: 514A
- UL Listed: E2527
- NEMA Standards: FB-1, OS-1



Spring doors open wide for easy plug insertion and cover assembly (covers shown in open position for illustration only). This view shows gaskets that protect plugs. Gasket on bottom of cover prevents entry of moisture into device box (see gasket description).



Wet Location Receptacle Covers

Available with NEMA Configuration Receptacles or as Covers Only

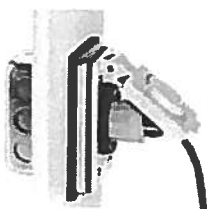
Covers also accommodate Toggle Switches.

NEMA 3R

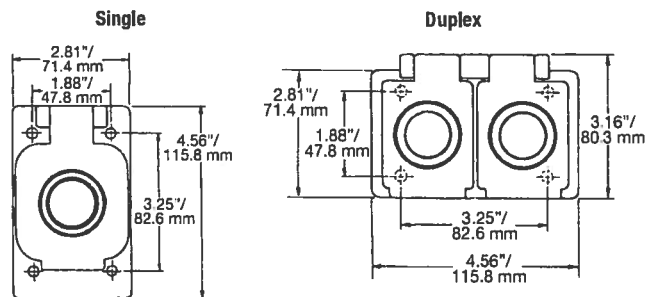
FITTINGS: CAST DEVICE BOXES

	Amp	Wire/Pole	Volts	NEMA Configuration	Catalog Number With Receptacle	Catalog Number Cover Only
Duplex Cover for Non-Locking Blade Plugs, with 1-3/8" Device Opening						
	15	2P, 3W	125	5-15R	FSKD5-15	FSK-WRD
	15	2P, 3W	250	6-15R	FSKD6-15	FSK-WRD
	20	2P, 3W	125	5-20R	FSKD5-20	FSK-WRD
			250	6-20R	FSKD6-20	FSK-WRD
Single Cover for Non-Locking and Locking Blade Plugs, with 1-3/8" Device Opening						
	15	2P, 3W	125	5-15R	FSKJ5-15	FSK-WR1
	15	2P, 3W	250	6-15R	FSKJ6-15	FSK-WR1
	20	2P, 3W	125	5-20R	FSKJ5-20	FSK-WR1
	20	2P, 3W	250	6-20R	FSKJ6-20	FSK-WR1
	15	2P, 3W	125	L5-15R	FSKJL5-15	FSK-WR1
	15	2P, 3W	250	L6-15R	FSKJL6-15	FSK-WR1
	15	2P, 3W	277	L7-15R	FSKJL7-15	FSK-WR1
Single Cover for Locking Blade Plugs, with 1-19/32" Device Opening						
Accommodates NEMA configuration receptacles with 1-19/32" device opening.					—	FSK-WR2
Single Cover for GFI — Meets NEMA 3R Wet Location in Closed Position Only						
GFI Cover Only					—	FSK-WGF1
Single Cover for Toggle Switches (1-19/32" opening)						
Accommodates Toggle Switch. Furnished with Toggle Switch Plate to provide protection from exposed terminal wires of Toggle Switch.					—	FSK-WT2
Adapter/Gasket						
For mounting Receptacle Cover on Switch Boxes (not required on FS/FD Boxes)						FSK-SBA

Dimensions in Inches/Millimeters



Receptacle Cover mounted on Switch Box with FSK-SBA Adapter/Gasket



NOTE: All receptacle covers have an overall height of 1.16 in/29.5 mm.

* Covers shown in open position for illustration only. Spring door closes automatically when plug is withdrawn.



McDADE-WOODCOCK, INC.

HAROLD D. THOMPSON RWRF HEADWORKS BUILDING

**McDADE-WOODCOCK INC.
PROJECT NUMBER - 1402**

ELECTRICAL SUBMITTAL

RACEWAYS & BOXES

16130-001

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etc)**

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TAB 5: Boxes & Enclosures

CORPORATE

2404 Claremont Ave. NE
Albuquerque, NM 87107

Mailing Address
P.O. Box 11592
Albuquerque, NM 87192

Ph 505-884-0155
Fax 505-884-6073

DENVER

10700 E. Geddes Avenue
Suite 170
Englewood CO 80112

Ph 303-803-1809
Fax 303-803-1818

COLORADO SPRINGS

7222 Commerce Center Drive
Suite 245
Colorado Springs, CO 80919

Mailing Address
P.O. Box 7349
Colorado Springs, CO 80933

Ph 719-264-1236
Fax 719-264-1450

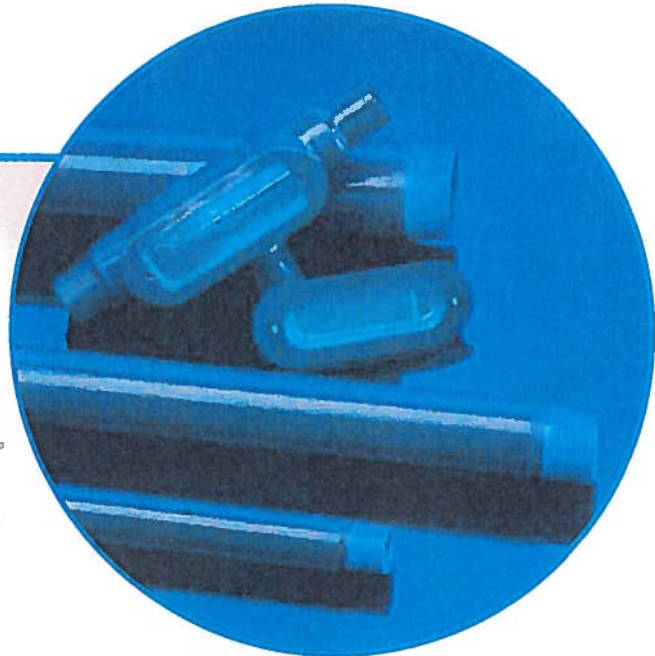


Ocal[®]

Overview

Better by Design

Ocal[®] Blue PVC-coated conduit and fittings represent a complete corrosion-protection package for your entire conduit system. This extensive product line includes the largest number of items in stock along with corrosion-resistant supports and patching compounds. With Ocal PVC-coated conduit and fittings, you get corrosion protection that will extend the life of your electrical raceway system for years and years.



Only Ocal Offers These Advantages

- Only Ocal PVC-coated conduit is UL Listed with both the zinc coating and the PVC coating investigated and listed per UL6.
- Only Ocal PVC-coated conduit has hot-dipped galvanized threads. Hot-dip galvanizing is the process through which the steel shell is dipped in molten zinc, causing the zinc to penetrate the steel.
- Only Ocal PVC-coated conduit offers a full undisturbed zinc coating under the PVC coating, fulfilling the requirement of NEMA RN-1 regarding undisturbed zinc coating over the conduit.
- Only Ocal PVC-coated conduit meets the requirements of NEMA RN-1 without exception.
- Only Ocal PVC-coated conduit is UL Listed for UV resistance.

CAT NO COND1-G		Ocal BLUE	
1" DARK GRAY 40 MIL PVC COATED HOT-DIP GALVANIZED ELECTRICAL RIGID METAL CONDUIT		LISTED 4000 70-2007 20 PROPERTIES OF PVC INVESTIGATED AS PRIMARY CORROSION PROTECTION PROPERTIES OF ZINC INVESTIGATED AS PRIMARY CORROSION PROTECTION RESTRICTED FOR USE WITH THREADED FITTINGS ONLY CONSULT MANUFACTURER FOR PROPER INSTALLATION	
MADE IN U.S.A.	QTY 1	7 04588 26163 6 Ocal is a TRADE MARK OF THOMAS & BETTS CORPORATION Memphis, TN 38115 www.tnb.com	
RECL (P)			

Ocal[®] Corrosion Protection for Electrical Conduit and Fittings



- Only Ocal supplies "Double-Coat" coated fittings, enhancing corrosion protection by applying urethane to the interior and exterior of the fittings before PVC coating.
- Only Ocal offers custom colors.
- Only Ocal offers local installation training and certification.

Standards Met

- ANSI C80.1
- Federal Specification WW-C-581
- NEMA RN-1
- UL6



Ocal®

Overview

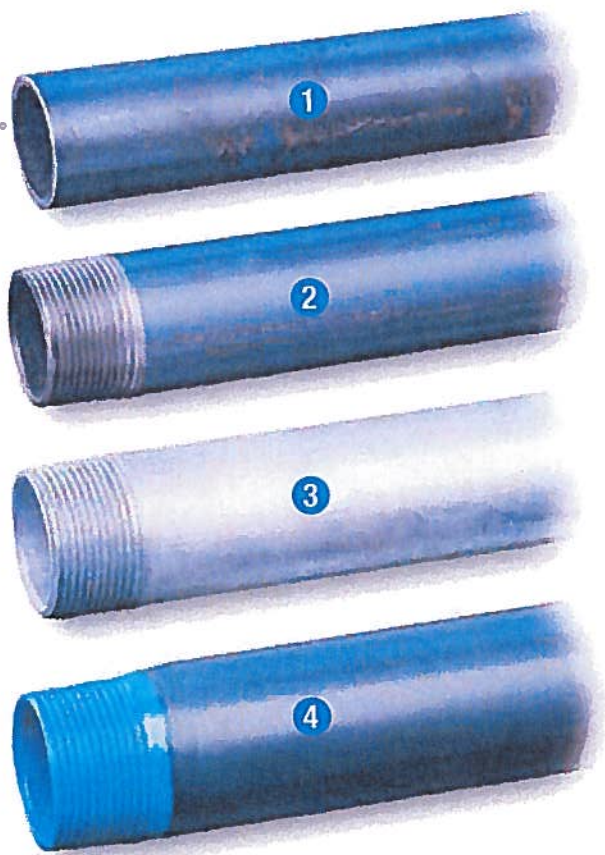
Ocal manufacturing process

Introduction

Ocal is the only PVC-coated conduit system in the industry to fully comply with all standards for proper use and protection in corrosive environments mandated by UL6, NEMA RN-1 and ANSI C80.1. It is manufactured right here in the United States by Thomas & Betts in our Jonesboro, AR manufacturing facility.

The Process of Manufacturing PVC-Coated Conduit

- 1 The process begins with 20-foot sticks of raw steel shell.
- 2 The steel shell is cut, threaded and prepared for the hot-dip galvanizing process.
- 3 The threaded shell is immersed in a molten zinc bath. This hot-dip galvanizing process enables the zinc to penetrate the steel, providing the best possible protection. After the conduit is extracted from the zinc bath, super-heated steam is blown through the interior and over the outside of the conduit to blow excess zinc out of the thread cavities. Thomas & Betts is the only manufacturer of steel conduit that hot-dip galvanizes the threads as well as the conduit itself. Other methods such as "hot galvanizing" provide only a sprayed-on zinc coating.
- 4 Prior to the exterior PVC coating, 2 mils (nominal) of blue urethane is applied to the inside diameter as well as the threads of each conduit. After priming, the conduit is heated and then rolled through liquid plastisol, achieving complete coverage of 40 mils in thickness.
- 5 Standard colors include gray, white and blue. Custom colors also available.



Ocal offers

- Plant walk-throughs
- Installation training and certification
- Installation tools
- The expertise to ensure that you get the maximum benefit of the Ocal-BLUE total protection system
- Manufacturing capabilities that ensure unmatched delivery time on custom orders, special colors or large quantities
- Protection of each shipment with special packaging for damage-free delivery

Superior Service

Our reputation for dependability and customer service has made Ocal the most trusted name in corrosion protection for the electrical industry.



Ocal® Corrosion Protection for Electrical Conduit and Fittings

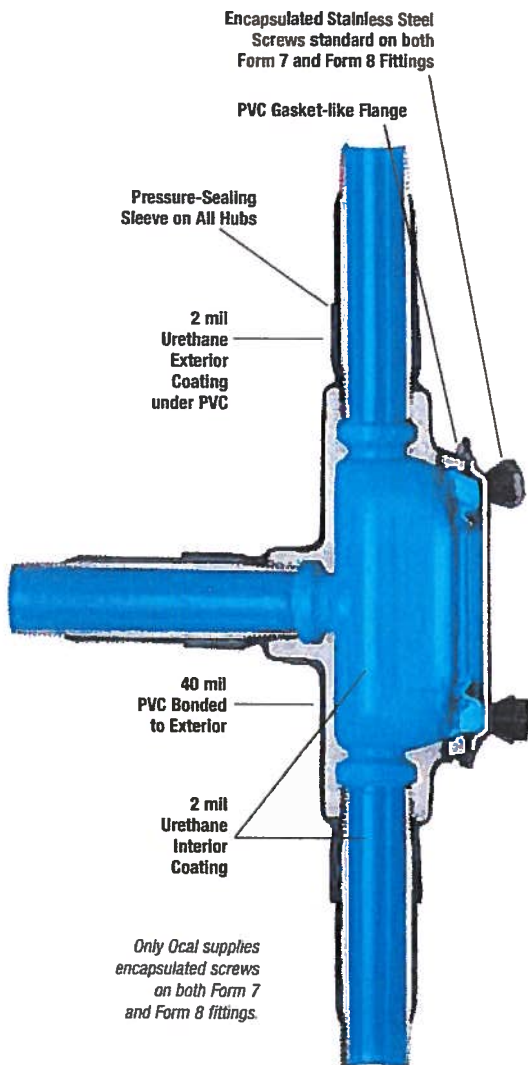
Ocal®

Overview

Complete corrosion protection

Ocal has developed a process for coating the interior and exterior of all fittings with a nominal .002" (2 mils) of blue urethane, which is baked on. This proprietary application of urethane enhances the corrosion protection of your system, even if you accidentally nick or cut the PVC coating during installation.

Flexible, overlapping sleeves on all Ocal fittings guarantee protection with a vapor- and moisture-tight seal at every connection.



The Process of Manufacturing PVC-Coated Fittings

- 1 Fittings are cleaned and then sprayed inside and outside with 2 mils (nominal) of blue urethane. This gives the fittings corrosion protection on the exterior as well as the interior — all fittings are "double-coated."
- 2 40 mils of PVC is applied to the exterior of the fitting.
- 3 Covers are coated with a molded flange, and conduit bodies are molded with a flat surface to ensure a superior seal.
- 4 Standard colors include gray, white and blue. Custom colors also available.

Thomas & Betts works hard to provide the only standards-compliant PVC-coated conduit on the market today.

It is this dedication to superior quality that makes Ocal "Better by Design."

Ocal® Corrosion Protection for Electrical Conduit and Fittings

United States
Tel: 901.252.8000
Fax: 901.252.1354

Canada
Tel: 450.347.5318
Fax: 450.347.1976

Customer Service
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Technical Services
Tel: 888.862.3289

Thomas & Betts

www.tnb.com

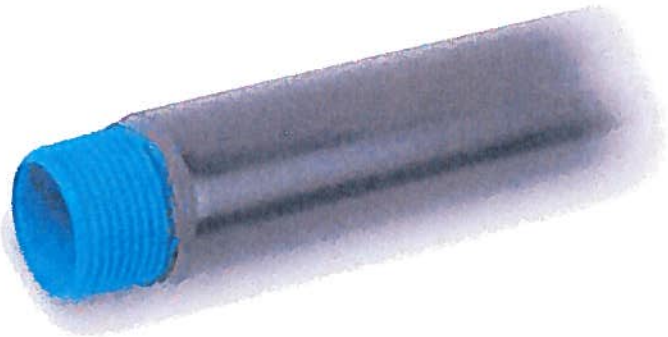
Ocal[®]

PVC-Coated Conduit

The ultimate in corrosion protection!

OCAL-BLUE Conduit

- Hot-dip galvanized steel or aluminum conduit
- Nominal .002" (2 mil) blue urethane coating on interior
- Hot-dipped galvanized threads (steel)
- Minimum .040" (40 mil) PVC coating on exterior — in your choice of blue, white, gray or custom colors
- Color-coded thread protectors
- Couplings shipped with conduit are packaged separately



Ocal[®] Corrosion Protection for Electrical Conduit and Fittings

STEEL	CAT. NO.	PIPE SIZE IN. METRIC SIZE DESIGNATOR*	OUTSIDE DIAMETER STEEL ONLY	OUTSIDE DIAMETER WITH PVC	NOMINAL WALL THICKNESS STEEL ONLY	NOMINAL WALL THICKNESS WITH PVC	NOMINAL INSIDE DIAMETER	CROSS SECTION AREA IN SQUARE	LENGTH WITHOUT COUPLINGS	MINIMUM WEIGHT PER FOOT PER FOOT STEEL ONLY
			IN. MM	IN. MM	IN. MM	IN. MM	IN. MM	IN. MM	IN. MM	FT. M
	COND1/2- COND1/2SA-	½	.84	.92	.10	.14	.63	.30	9' 11¼"	.79
		16	21.30	23.30	2.64	3.56	16.10	7.72	3.03	35.83
	COND3/4- COND3/4SA-	¾	1.05	1.13	.11	2.71	.84	.53	9' 11¼"	1.05
		21	26.70	28.70	2.71	3.73	21.20	13.53	3.03	47.63
	COND1- COND1SA-	1	1.32	1.40	.13	.17	1.06	.86	9' 11"	1.53
		27	33.40	35.40	3.20	4.21	27.00	21.94	3.02	69.40
	COND1-1/4- COND1-1/4SA-	1¼	1.66	1.74	.13	.17	1.39	1.50	9' 11"	2.01
		35	42.20	44.10	3.37	4.39	35.40	37.97	3.02	91.17
	COND1-1/2- COND1-1/2SA-	1½	1.90	1.98	.14	.18	1.62	2.04	9' 11"	2.40
		41	48.30	50.20	3.50	4.52	41.20	51.71	3.02	112.95
	COND2- COND2SA-	2	2.38	2.46	.15	.19	2.08	3.36	9' 11"	3.32
		53	60.30	62.30	3.70	4.72	52.90	85.21	3.02	150.60
	COND2-1/2- COND2-1/2SA-	2½	2.88	2.96	.19	.23	2.49	4.80	9' 10¼"	5.27
		63	73.00	75.00	4.90	5.91	63.20	121.61	3.01	239.05
	COND3- COND3SA-	3	3.50	3.58	.21	.25	3.09	7.39	9' 10¼"	6.83
		78	88.90	90.90	5.20	6.22	78.50	187.80	3.01	309.63
	COND3-1/2- COND3-1/2SA-	3½	4.00	4.08	.22	.26	3.57	9.87	9' 10¼"	8.31
		91	101.60	103.60	5.46	6.47	90.70	250.60	3.00	376.94
	COND4- COND4SA-	4	4.50	4.58	.23	.27	4.05	12.73	9' 10¼"	9.73
		103	114.30	116.30	5.71	6.73	102.90	323.34	3.00	441.04
	COND5- COND5SA-	5	5.56	5.64	.25	.29	5.07	20.01	9' 10"	13.14
		129	141.30	143.30	6.22	7.23	128.90	508.15	3.00	595.85
	COND6- COND6SA-	6	6.63	6.71	.27	.31	6.09	28.89	9' 10"	17.46
		155	168.30	170.30	6.75	7.8	154.80	733.83	3.00	791.67

NOTE - Inches and pounds are indicated in bold type. Metric measure is directly below bold type.
* Metric size designator (ANSI C80.1-1994).

Cat. No.	Size	Material	Color
COND3/4 -			
		Blank = Steel	- = space for color identifier
		SA = Aluminum	G = Gray
			W = White
			B = Blue
Catalog No. Example: COND3/4-G is ¾" steel conduit coated in gray PVC.			
Custom colors also available.			



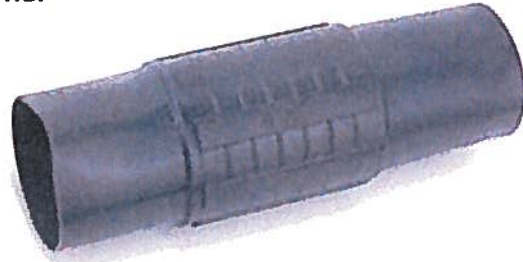
Ocal®

PVC-Coated Conduit Couplings

Corrosion-protected connections for conduit sections.

OCAL-BLUE Couplings

- Nominal .002" (2 mil) blue urethane coating on interior and threads
- Minimum .040" (40 mil) PVC coating bonded to exterior — in your choice of blue, white, gray or custom colors
- Straight threads (NPS)
- Molded ribs on outer coating for easy installation (up to and including 4" trade size)
- Pressure-sealing sleeves protect your connection






Ocal® Corrosion Protection for Electrical Conduit and Fittings

STEEL	CAT. NO.	ALUMINUM	COUPLING SIZE IN. METRIC SIZE DESIGNATOR*	MINIMUM LENGTH OF METAL	TOTAL MINIMUM LENGTH INCLUDING SLEEVE	WEIGHT STEEL ONLY
				IN. MM	IN. MM	LBS. KG
CPL1/2-	CPL1/2SA-		½	1.50	3.75	.13
			16	38.10	95.25	.06
CPL3/4-	CPL3/4SA-		¾	1.53	3.75	.19
			21	38.91	95.25	0.85
CPL1-	CPL1SA-		1	1.91	4.94	0.33
			27	48.41	139.70	.15
CPL1-1/4-	CPL1-1/4SA-		1¼	1.91	5.50	0.43
			35	48.41	139.70	.19
CPL1-1/2-	CPL1-1/2SA-		1½	1.91	5.75	0.56
			41	48.41	146.05	.25
CPL2-	CPL2SA-		2	1.94	5.94	0.77
			53	49.19	150.79	.35
CPL2-1/2-	CPL2-1/2SA-		2½	2.88	6.88	1.85
			63	73.10	174.70	.83
CPL3-	CPL3SA-		3	3.03	7.03	2.70
			78	76.98	178.58	1.22
CPL3-1/2-	CPL3-1/2SA-		3¼	3.09	7.09	3.78
			91	78.58	180.18	1.70
CPL4-	CPL4SA-		4	3.19	7.19	3.08
			103	80.97	182.57	1.39
CPL5-	CPL5SA-		5	3.37	7.37	5.00
			129	85.69	187.29	2.25
CPL6-	CPL6SA-		6	3.44	7.44	8.00
			155	87.29	188.89	3.60

NOTE — Inches and pounds are indicated in bold type. Metric measure is directly below bold type.

* Metric size designator (ANSI C80.1-1994)

Cat. No.	Size	Material	Color
CPL3/4	—	—	—
		Blank = Steel	— = space for color identifier
		SA = Aluminum	G = Gray 
			W = White 
			B = Blue 
Catalog No. Example: CPL1SA-B is a 1" aluminum coupling coated in blue PVC.			
Custom colors also available.			

United States
Tel: 901.252.8000
Fax: 901.252.1354

Canada
Tel: 450.347.5318
Fax: 450.347.1976

Customer Service
Tel: 800.816.7809

Technical Services
Tel: 888.862.3289

Thomas & Betts

www.tnb.com



Ocal

PVC-Coated Conduit Split Couplings and Nipples

Join threaded conduit where you can't use a standard coupling.

OCAL-BLUE Double-Coat Split Couplings

Split couplings serve as speed unions for cost-effective joining of two separate lengths of threaded conduit. Like other Ocal fittings, they're double coated in urethane and PVC to safeguard your entire conduit system against corrosion.

- Malleable iron construction
- Nominal .002" (2 mil) blue urethane on both interior and exterior
- Minimum .040" (40 mil) PVC bonded to exterior
- PVC coating in your choice of blue, white and gray standard colors with custom colors available on request
- Stainless steel hardware included



TCC Split Coupling

Ocal Corrosion Protection for Electrical Conduit and Fittings

Cat. No.	Color
TCC1 -	
_ = space for color identifier	
G = Gray	
W = White	
B = Blue	
Custom colors also available.	

Note: The use of standard couplings is recommended whenever possible over the use of split couplings, because standard couplings provide better overall corrosion protection.

CAT. NO.	PIPE SIZE IN. METRIC SIZE DESIGNATOR*
TCC1- <u> </u>	1/2 16
TCC2- <u> </u>	3/4 21
TCC3- <u> </u>	1 27
TCC4- <u> </u>	1 1/4 35
TCC5- <u> </u>	1 1/2 41
TCC6- <u> </u>	2 53

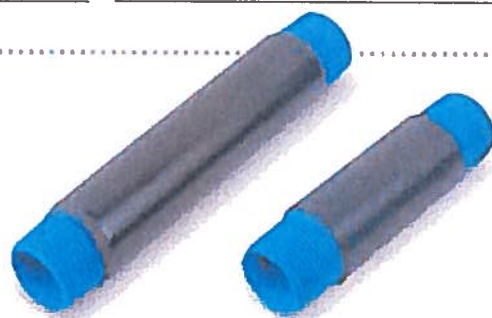
CAT. NO.	PIPE SIZE IN. METRIC SIZE DESIGNATOR*
TCC7- <u> </u>	2 1/2 63
TCC8- <u> </u>	3 78
TCC9- <u> </u>	3 1/2 91
TCC10- <u> </u>	4 103
TCC12- <u> </u>	5 129
TCC14- <u> </u>	6 155

* Metric size designator (ANSI C80.1-1994).

Speed up your field installations with pre-threaded conduit nipples!

OCAL-BLUE Nipples

- Made from Ocal PVC-coated steel or aluminum conduit
- Blue urethane coating over threads
- Nominal .002" (2 mil) blue urethane on interior
- Minimum .040" (40 mil) PVC coating on exterior — choose blue, white, gray or custom colors
- Color-coded thread protectors for easy identification of conduit size
- Available in 11 standard lengths — close and 2" to 12" with custom lengths available on request
- Close nipples are coated only in urethane



Cat. No.	Size x Length	Material	Color
NPL3/4X6 -			
		Blank = Steel	_ = space for color identifier
		SA = Aluminum	G = Gray
			W = White
			B = Blue
			Custom colors also available.
Catalog No. Example:			
NPL3/4X6-G is a 3/4" x 6" long steel nipple coated in gray PVC.			

Ocal

PVC-Coated Conduit Nipples

OCAL-BLUE Nipples (continued)

PVC-Coated Conduit Nipples — Steel

PIPE SIZE IN. METRIC SIZE*	NIPPLE LENGTH										
	CLOSE	2" 50.8	2½" 63.5	3" 76.2	3½" 88.9	4" 101.6	5" 127.0	6" 152.4	8" 203.2	10" 254.0	12" 304.8
½ 16	CLNPL1/2-	NPL1/2X2-	NPL1/2X21/2-	NPL1/2X3-	NPL1/2X31/2-	NPL1/2X4-	NPL1/2X5-	NPL1/2X6-	NPL1/2X8-	NPL1/2X10-	NPL1/2X12-
¾ 21	CLNPL3/4-	NPL3/4X2-	NPL3/4X21/2-	NPL3/4X3-	NPL3/4X31/2-	NPL3/4X4-	NPL3/4X5-	NPL3/4X6-	NPL3/4X8-	NPL3/4X10-	NPL3/4X12-
1 27	CLNPL1-	NPL1X2-	NPL1X21/2-	NPL1X3-	NPL1X31/2-	NPL1X4-	NPL1X5-	NPL1X6-	NPL1X8-	NPL1X10-	NPL1X12-
1¼ 35	CLNPL11/4-	NPL11/4X2-	NPL11/4X21/2-	NPL11/4X3-	NPL11/4X31/2-	NPL11/4X4-	NPL11/4X5-	NPL11/4X6-	NPL11/4X8-	NPL11/4X10-	NPL11/4X12-
1½ 41	CLNPL11/2-	NPL11/2X2-	NPL11/2X21/2-	NPL11/2X3-	NPL11/2X31/2-	NPL11/2X4-	NPL11/2X5-	NPL11/2X6-	NPL11/2X8-	NPL11/2X10-	NPL11/2X12-
2 53	CLNPL2-	—	NPL2X21/2-	NPL2X3-	NPL2X31/2-	NPL2X4-	NPL2X5-	NPL2X6-	NPL2X8-	NPL2X10-	NPL2X12-
2½ 63	CLNPL21/2-	—	—	—	NPL21/2X31/2-	NPL21/2X4-	NPL21/2X5-	NPL21/2X6-	NPL21/2X8-	NPL21/2X10-	NPL21/2X12-
3 78	CLNPL3-	—	—	—	NPL3X31/2-	NPL3X4-	NPL3X5-	NPL3X6-	NPL3X8-	NPL3X10-	NPL3X12-
3¾ 91	CLNPL31/2-	—	—	—	—	NPL31/2X4-	NPL31/2X5-	NPL31/2X6-	NPL31/2X8-	NPL31/2X10-	NPL31/2X12-
4 103	CLNPL4-	—	—	—	—	NPL4X4-	NPL4X5-	NPL4X6-	NPL4X8-	NPL4X10-	NPL4X12-
5 129	CLNPL5-	—	—	—	—	—	NPL5X5-	NPL5X6-	NPL5X8-	NPL5X10-	NPL5X12-
6 155	CLNPL6-	—	—	—	—	—	NPL6X5-	NPL6X6-	NPL6X8-	NPL6X10-	NPL6X12-

PVC-Coated Conduit Nipples — Aluminum

PIPE SIZE IN. METRIC SIZE*	NIPPLE LENGTH										
	CLOSE	2" 50.8	2½" 63.5	3" 76.2	3½" 88.9	4" 101.6	5" 127.0	6" 152.4	8" 203.2	10" 254.0	12" 304.8
½ 16	CLNPL1/2SA-	NPL1/2X2SA-	NPL1/2X21/2SA-	NPL1/2X3SA-	NPL1/2X31/2SA-	NPL1/2X4SA-	NPL1/2X5SA-	NPL1/2X6SA-	NPL1/2X8SA-	NPL1/2X10SA-	NPL1/2X12SA-
¾ 21	CLNPL3/4SA-	NPL3/4X2SA-	NPL3/4X21/2SA-	NPL3/4X3SA-	NPL3/4X31/2SA-	NPL3/4X4SA-	NPL3/4X5SA-	NPL3/4X6SA-	NPL3/4X8SA-	NPL3/4X10SA-	NPL3/4X12SA-
1 27	CLNPL1SA-	NPL1X2SA-	NPL1X21/2SA-	NPL1X3SA-	NPL1X31/2SA-	NPL1X4SA-	NPL1X5SA-	NPL1X6SA-	NPL1X8SA-	NPL1X10SA-	NPL1X12SA-
1¼ 35	CLNPL11/4SA-	NPL11/4X2SA-	NPL11/4X21/2SA-	NPL11/4X3SA-	NPL11/4X31/2SA-	NPL11/4X4SA-	NPL11/4X5SA-	NPL11/4X6SA-	NPL11/4X8SA-	NPL11/4X10SA-	NPL11/4X12SA-
1½ 41	CLNPL11/2SA-	NPL11/2X2SA-	NPL11/2X21/2SA-	NPL11/2X3SA-	NPL11/2X31/2SA-	NPL11/2X4SA-	NPL11/2X5SA-	NPL11/2X6SA-	NPL11/2X8SA-	NPL11/2X10SA-	NPL11/2X12SA-
2 53	CLNPL2SA-	—	NPL2X21/2SA-	NPL2X3SA-	NPL2X31/2SA-	NPL2X4SA-	NPL2X5SA-	NPL2X6SA-	NPL2X8SA-	NPL2X10SA-	NPL2X12SA-
2½ 63	CLNPL21/2SA-	—	—	—	NPL21/2X31/2SA-	NPL21/2X4SA-	NPL21/2X5SA-	NPL21/2X6SA-	NPL21/2X8SA-	NPL21/2X10SA-	NPL21/2X12SA-
3 78	CLNPL3SA-	—	—	—	NPL3X31/2SA-	NPL3X4SA-	NPL3X5SA-	NPL3X6SA-	NPL3X8SA-	NPL3X10SA-	NPL3X12SA-
3¾ 91	CLNPL31/2SA-	—	—	—	—	NPL31/2X4SA-	NPL31/2X5SA-	NPL31/2X6SA-	NPL31/2X8SA-	NPL31/2X10SA-	NPL31/2X12SA-
4 103	CLNPL4SA-	—	—	—	—	NPL4X4SA-	NPL4X5SA-	NPL4X6SA-	NPL4X8SA-	NPL4X10SA-	NPL4X12SA-
5 129	CLNPL5SA-	—	—	—	—	—	NPL5X5SA-	NPL5X6SA-	NPL5X8SA-	NPL5X10SA-	NPL5X12SA-
6 155	CLNPL6SA-	—	—	—	—	—	NPL6X5SA-	NPL6X6SA-	NPL6X8SA-	NPL6X10SA-	NPL6X12SA-

* Metric size designator (ANSI C90.1-1994).

Ocal Corrosion Protection for Electrical Conduit and Fittings

United States
Tel: 901.252.9000
Fax: 901.252.1354

Canada
Tel: 450.347.5318
Fax: 450.347.1976

Customer Service
Tel: 800.816.7809

Technical Services
Tel: 888.862.3289

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Ocal[®]

PVC-Coated Conduit Elbows

Factory bent to save wasted time and materials!

OCAL-BLUE Standard-Radius Elbows

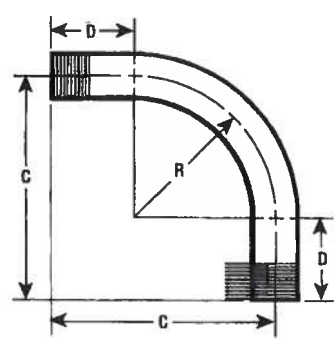
- Fabricated from Ocal PVC-coated conduit
- Standard radii in 30°, 45°, 60° and 90° available for immediate shipment
- Color-coded thread protectors for easy identification of conduit size



Ocal[®] Corrosion Protection for Electrical Conduit and Fittings

CAT. NO.		PIPE SIZE IN. METRIC SIZE DESIGNATOR*	RADIUS "R" IN. MM	OFFSET "C" IN. MM	STRAIGHT END "D" IN. MM	UNBENT LENGTH IN. MM	WEIGHT EACH STEEL ONLY LBS. KG
STEEL	ALUMINUM						
ELL1/2-_-	ELL1/2--SA-	1/2	4.00	6.00	2.00	10.28	.67
		16	101.60	152.40	50.80	261.19	16.95
ELL3/4-_-	ELL3/4--SA-	3/4	4.50	6.50	2.00	11.07	.95
		21	114.30	165.10	50.80	281.14	24.07
ELL1-_-	ELL1--SA-	1	5.75	8.00	2.25	13.53	1.77
		27	146.05	203.20	57.15	343.71	44.97
ELL1 1/4-_-	ELL1 1/4--SA-	1 1/4	7.25	9.50	2.25	15.89	2.55
		35	184.15	241.30	57.15	403.56	64.80
ELL1 1/2-_-	ELL1 1/2--SA-	1 1/2	8.25	11.00	2.75	18.46	3.98
		41	209.55	279.40	69.85	468.86	101.13
ELL2-_-	ELL2--SA-	2	9.50	13.00	3.50	21.92	6.33
		53	241.30	330.20	88.90	556.83	160.86
ELL2 1/2-_-	ELL2 1/2--SA-	2 1/2	10.50	14.00	3.50	23.49	9.65
		63	266.70	355.60	88.90	596.73	245.09
ELL3-_-	ELL3--SA-	3	13.00	16.50	3.50	27.42	15.42
		78	330.20	419.10	88.90	696.48	391.77
ELL3 1/2-_-	ELL3 1/2--SA-	3 1/2	15.00	20.75	5.75	35.06	23.30
		91	381.00	527.05	146.05	890.57	591.84
ELL4-_-	ELL4--SA-	4	16.00	21.75	5.75	36.63	29.68
		103	406.40	552.45	146.05	930.47	753.80
ELL5-_-	ELL5--SA-	5	24.00	31.00	7.00	51.70	60.82
		129	609.60	787.40	177.80	1313.16	1544.89
ELL6-_-	ELL6--SA-	6	30.00	39.00	9.00	65.12	85.69
		155	762.00	990.60	228.60	1654.15	2176.51

* Metric size designator (ANSI C80.1-1994).



Item	Pipe Size	Angle	Material	Color
ELL3/4	-	-	-	-
	30 = 30°	Blank = Steel	G = Gray	
	45 = 45°	SA = Aluminum	W = White	
	60 = 60°		B = Blue	
	Blank = 90°			

Custom colors also available.

Catalog No. Example:
ELL3/4SA-W is a 3/4" trade size 90° aluminum elbow coated in white PVC.

Ocal

PVC-Coated Conduit Elbows

Choose the size and angle to meet your exact requirements.

OCAL-BLUE Large-Radius Elbows

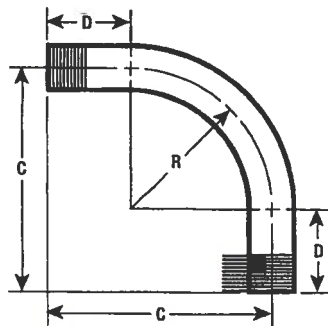
- Fabricated from Ocal PVC-coated conduit
- Large radius in 90° available for immediate shipment
- Special radii and angles not listed available upon request
- Color-coded thread protectors for easy identification of conduit size



Ocal Corrosion Protection for Electrical Conduit and Fittings

CAT. NO.		PIPE SIZE IN. METRIC SIZE DESIGNATOR*	RADIUS "R" IN. MM	OFFSET "C" FT./IN. MM	STRAIGHT END "D" IN. MM	UNBENT LENGTH FT./IN. MM
STEEL	ALUMINUM					
LRELL_X12-_-	LRELL_X12--SA-	1 - 2 1/2 27 - 63	12.00 304.80	1' 9" 533.40	9.00 228.60	3' 0" 914.40
LRELL_X15-_-	LRELL_X15--SA-	1 - 3 27 - 78	15.00 381.00	2' 0" 609.60	9.00 228.60	3' 6" 1066.80
LRELL_X18-_-	LRELL_X18--SA-	1 - 4 27 - 103	18.00 457.20	2' 4" 711.20	10.00 254.00	4' 0" 1219.20
LRELL_X24-_-	LRELL_X24--SA-	1 - 4 27 - 103	24.00 609.60	2' 11" 889.00	11.00 279.40	4' 11" 1498.60
LRELL_X30-_-	LRELL_X30--SA-	1 - 6 27 - 155	30.00 762.00	3' 5" 1041.40	11.00 279.40	5' 9" 1752.60
LRELL_X36-_-	LRELL_X36--SA-	1 - 6 27 - 155	36.00 914.40	3' 11" 1193.80	11.00 279.40	6' 6" 1981.20
LRELL_X42-_-	LRELL_X42--SA-	1 - 6 27 - 155	42.00 1066.80	4' 6" 1371.60	12.00 304.80	7' 6" 2286.00
LRELL_X48-_-	LRELL_X48--SA-	1 - 6 27 - 155	48.00 1219.20	5' 0" 1524.00	12.00 304.80	8' 6" 2590.80
LRELL_X60-_-	LRELL_X60--SA-	2 1/2 - 6 63 - 155	60.00 1524.00	6' 0" 1828.80	12.00 304.80	9' 10" 2997.20

* Metric size designator (ANSI C80.1-1994)



Item	Pipe Size	Radius	Angle	Material	Color
LRELL_X12 - - - -	1 = 1"	30 = 30°	Blank = Steel	G = Gray	
	2 = 2"	45 = 45°	SA = Aluminum		
	etc.	60 = 60°		W = White	
		Blank = 90°		B = Blue	
Catalog No. Example:					
LRELL3X18-45-G is a 3" trade size steel elbow with a radius of 18" and an angle of 45°, coated in gray PVC.					
Custom colors also available.					

United States
Tel: 901.252.8000
Fax: 901.252.1354

Canada
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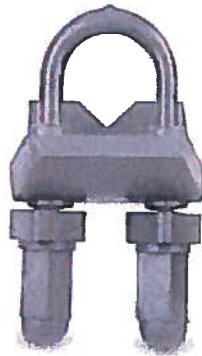
PVC-Coated Conduit Clamps and Straps

PVC coating evenly molded around saddle prevents exposure of metal — an Ocal exclusive!

Ocal PVC-Coated Beam Clamps and U-Bolts

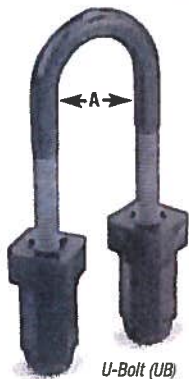
- Beam clamps support and attach conduit runs to structural beams
- Molded right-angle beam clamps and U-bolts provide extra protection
- Encapsulated, hex-shaped nuts fit standard wrenches
- Stainless steel hardware included
- Parallel (PAR) and edge (EC) clamps feature nominal .015" (15 mil) PVC coating for corrosion protection
- Right-Angle clamps (RA) and U-Bolts (UB) feature nominal .040" (40 mil) PVC coating for corrosion protection

Cat. No.	Color
RA1 -	—
— = space for color identifier	
G = Gray	
W = White	
B = Blue	
Custom colors also available.	



PVC-Coated Beam Clamps

RIGHT ANGLE	CAT. NO.	PARALLEL	EDGE	PIPE SIZE	
				IN.	METRIC SIZE DESIGNATOR*
RA1/2-	PAR1/2-	EC1/2-		1/2	16
RA3/4-	PAR3/4-	EC3/4-		3/4	21
RA1-	PAR1-	EC1-		1	27
RA1-1/4-	PAR1-1/4-	EC1-1/4-		1 1/4	35
RA1-1/2-	PAR1-1/2-	EC1-1/2-		1 1/2	41
RA2-	PAR2-	EC2-		2	53
RA2-1/2-	PAR2-1/2-	—		2 1/2	63
RA3-	PAR3-	—		3	78
RA3-1/2-	PAR3-1/2-	—		3 1/2	91
RA4-	PAR4-	—		4	103



Item	Size	Color
UB1 -	—	—
— = space for color identifier		
G = Gray		
W = White		
B = Blue		
Custom colors also available.		

PVC-Coated U-Bolts

CAT. NO.	PIPE SIZE		"A" DIMENSION	
	IN.	METRIC SIZE DESIGNATOR*	IN.	MM
UB1/2-	1/2	16	1.38	34.93
UB3/4-	3/4	21	1.56	39.69
UB1-	1	27	1.84	46.83
UB1-1/4-	1 1/4	35	2.19	55.56
UB1-1/2-	1 1/2	41	2.50	63.50
UB2-	2	53	2.97	75.41
UB2-1/2-	2 1/2	63	3.47	88.11
UB3-	3	78	4.09	103.98
UB3-1/2-	3 1/2	91	4.59	116.68
UB4-	4	103	5.09	129.38
UB5-	5	129	6.63	168.28
UB6-	6	155	8.00	203.20

* Metric size designator (ANSI C80.1-1994)

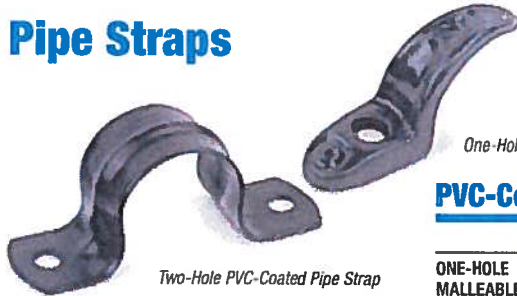
Ocal Corrosion Protection for Electrical Conduit and Fittings

Ocal®

Conduit Clamps and Straps

Support conduit on walls and structures.

Pipe Straps



One-Hole PVC-Coated Pipe Strap

Two-Hole PVC-Coated Pipe Strap

- Available in malleable iron/stamped steel with nominal .015" (15 mil) PVC coating in your choice of blue, white or gray or in 303 stainless steel
- Choose one- or two-hole versions
- Sized to allow for the extra thickness of the PVC coating



Two-Hole Stainless Steel Pipe Strap

One-Hole Stainless Steel Pipe Strap

303 Stainless Steel Pipe Straps for PVC-Coated Conduit

CAT. NO.		PIPE SIZE	CONDUIT	PVC-COATED
ONE-HOLE 303 S.S. STRAP	TWO-HOLE 303 S.S. STRAP	IN. METRIC SIZE DESIGNATOR*	STRAP I.D. IN. MM	CONDUIT O.D. IN. MM
TS102-SS	TS902-SS	½	.92	.92
		16	23.37	23.37
TS103-SS	TS903-SS	¾	1.16	1.13
		21	29.46	28.70
TS104-SS	TS904-SS	1	1.51	1.40
		27	38.35	35.56
TS105-SS	TS905-SS	1¼	1.74	1.74
		35	44.20	44.20
TS106-SS	TS906-SS	1½	2.20	1.98
		41	55.88	50.29
HS107-SS	HS907-SS	2	2.88	2.46
		53	73.15	62.48
HS108-SS	HS908-SS	2½	3.50	2.96
		63	88.90	75.18
HS109-SS	HS909-SS	3	4.00	3.98
		78	101.60	101.09
HS110-SS	HS910-SS	3½	4.50	4.08
		91	114.30	103.63

* Metric size designator (ANSI C80.1-1994)

Use as spacers with one-hole pipe straps.

Ocal PVC-Coated Clamp-Back Spacers



- Provides space for air flow between conduit and mounting surface
- Nominal .015" (15 mil) PVC coating for corrosion protection

CAT. NO.	PIPE SIZE IN. METRIC SIZE DESIGNATOR*
CB1/2-	½
	16
CB3/4-	¾
	21
CB1-	1
	27
CB1-1/4-	1¼
	35
CB1-1/2-	1½
	41
CB2-	2
	53
CB2-1/2-	2½
	63
CB3-	3
	78
CB3-1/2-	3½
	91
CB4-	4
	103

Cat. No.	Color
CB1 -	<input type="checkbox"/>
- = space for color identifier	
G = Gray	<input type="checkbox"/>
W = White	<input type="checkbox"/>
B = Blue	<input type="checkbox"/>
Custom colors also available.	

Ocal® Corrosion Protection for Electrical Conduit and Fittings

United States
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Canada
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Ocal[®]

Ordinary Location Fittings — Conduit Bodies

Easy access for pulling, splicing, mounting and maintenance!

Ocal[®] Corrosion Protection for Electrical Conduit and Fittings

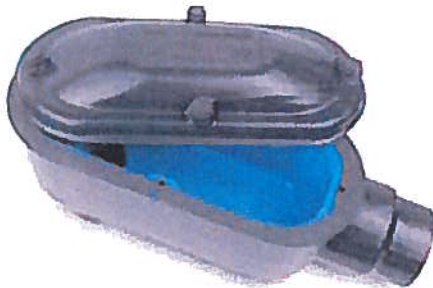
OCAL-BLUE Double-Coat Conduit Bodies

With OCAL-BLUE Double-Coat Conduit Bodies, you can connect sections of conduit — with or without 90° bends — and provide easy access for wire pulling, making splices in branch conductors and maintenance and future system changes. Conduit bodies can also serve as mounting outlets for wiring devices and lighting fixtures.

- Flat surface molded on conduit body seals with molded flange on cover
- Available in Form 7 and Form 8 ferrous as well as Mark 9 and Form 7 aluminum
- All OCAL-BLUE conduit bodies offer double corrosion protection — both bodies and covers coated inside and out with a nominal .002" (2 mil) blue urethane, then exterior coated with a nominal .040" (40 mil) PVC
- PVC coating in your choice of blue, gray or white with custom colors available
- All threaded hubs fitted with pressure-sealing sleeves
- Conduit bodies ship complete with covers and encapsulated stainless steel screws
- Covers also sold separately for replacement or retrofit purposes



3/8" LB Form 8 conduit body and cover



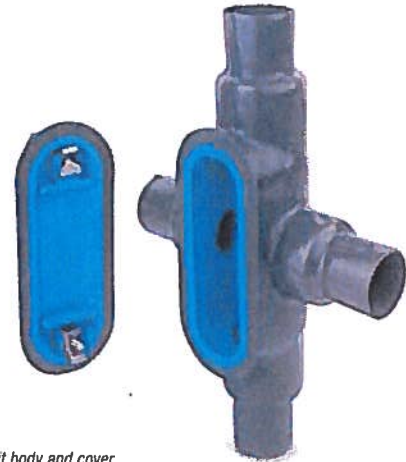
2 1/2" LB Form 8 conduit body and cover






2 1/2" LB Form 7 conduit body and cover



1/2" X Form 7 conduit body and cover











1/2" LB Mark 9 conduit body and cover

Cat. No.	Material	Color
LB27-__		
	Blank = Ferrous	__ = space for color identifier
	SA = Aluminum	G = Gray 
		W = White 
		B = Blue 
Catalog No. Example: LB27-W is a 3/8" LB ferrous conduit body and cover coated in white PVC.		
Custom colors also available.		





Ordinary Location Fittings — Conduit Bodies

OCAL-BLUE Conduit Bodies Quick Reference

NOTE: FITTINGS SHOWN UNCOATED

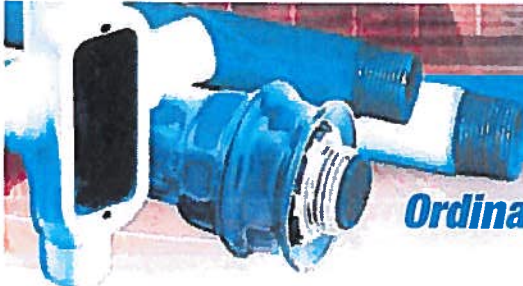
SHAPE	STYLE	SIZE (IN. AND METRIC SIZE DESIGNATOR*)									
		½" 16	¾" 21	1" 27	1¼" 35	1½" 41	2" 53	2½" 63	3" 78	3½" 91	4" 103
	Form 7	C17-	C27-	C37-	C47-	C57-	C67-	C77-	C87-	—	—
	Form 8	C18-	C28-	C38-	C448-	C58-	C68-	C78-	C88-	—	—
	Mark 9	C19-	C29-	C39-	C49-	C59-	C69-	C789-	C889-	C989-	C1089-
	Form 7 Aluminum	C17SA-	C27SA-	C37SA-	C47SA-	C57SA-	C67SA-	C77SA-	C87SA-	—	—
	Form 7	L17-	L27-	L37-	L47-	L57-	L67-	—	—	—	—
	Form 7 Aluminum	L17SA-	L27SA-	L37SA-	L47SA-	L57SA-	L67SA-	—	—	—	—
	Double faced — may be used as LL or LR — has 2 openings										
	Form 7	LB17-	LB27-	LB37-	LB47-	LB57-	LB67-	LB777-	LB87-	LB97-	LB107-
	Form 8	LB18-	LB28-	LB38-	LB448-	LB58-	LB68-	LB78-	LB888-	LB98-	LB108-
	Mark 9	LB19-	LB29-	LB39-	LB49-	LB59-	LB69-	LB789-	LB889-	LB989-	LB1089-
	Form 7 Aluminum	LB17SA-	LB27SA-	LB37SA-	LB47SA-	LB57SA-	LB67SA-	LB777SA-	LB87SA-	LB97SA-	LB107SA-
	Form 7	LL17-	LL27-	LL37-	LL47-	LL57-	LL67-	LL777-	LL87-	LL97-	LL107-
	Form 8	LL18-	LL28-	LL38-	LL448-	LL58-	LL68-	LL78-	LL888-	—	—
	Mark 9	LL19-	LL29-	LL39-	LL49-	LL59-	LL69-	LL789-	LL889-	LL989-	LL1089-
	Form 7 Aluminum	LL17SA-	LL27SA-	LL37SA-	LL47SA-	LL57SA-	LL67SA-	LL777SA-	LL87SA-	LL97SA-	LL107SA-
	Form 7	LR17-	LR27-	LR37-	LR47-	LR57-	LR67-	LR777-	LR87-	LR97-	LR107-
	Form 8	LR18-	LR28-	LR38-	LR448-	LR58-	LR68-	LR78-	LR888-	—	—
	Mark 9	LR19-	LR29-	LR39-	LR49-	LR59-	LR69-	LR789-	LR889-	LR989-	LR1089-
	Form 7 Aluminum	LR17SA-	LR27SA-	LR37SA-	LR47SA-	LR57SA-	LR67SA-	LR777SA-	LR87SA-	LR97SA-	LR107SA-
	Form 7	T17-	T27-	T37-	T47-	T57-	T67-	T77-	T87-	T97-	T107-
	Form 8	T18-	T28-	T38-	T448-	T58-	T68-	T78-	T88-	—	—
	Mark 9	T19-	T29-	T39-	T49-	T59-	T69-	T789-	T889-	T989-	T1089-
	Form 7 Aluminum	T17SA-	T27SA-	T37SA-	T47SA-	T57SA-	T67SA-	T77SA-	T87SA-	T97SA-	T107SA-
	Form 7	TB17-	TB27-	TB37-	TB47-	TB57-	TB67-	—	—	—	—
	Form 8	TB18-	TB28-	TB38-	TB448-	TB58-	TB68-	—	—	—	—
	Mark 9	TB19-	TB29-	TB39-	TB49-	—	—	—	—	—	—
	Form 7 Aluminum	TB17SA-	TB27SA-	TB37SA-	TB47SA-	TB57SA-	TB67SA-	—	—	—	—
	Form 7	X17-	X27-	X37-	X47-	X57-	X67-	—	—	—	—
	Form 8	X18-	X28-	X38-	X448-	X58-	X68-	—	—	—	—
	Mark 9	X19-	X29-	X39-	—	—	—	—	—	—	—
	Form 7 Aluminum	X17SA-	X27SA-	X37SA-	X47SA-	X57SA-	X67SA-	—	—	—	—

OCAL-BLUE Conduit Body Covers

STYLE	SIZE (IN. AND METRIC SIZE DESIGNATOR*)										
	½" 16	¾" 21	1" 27	1¼" 35	1½" 41	2" 53	2½" 63	3" 78	3½" 91	4" 103	
	Form 7	170F-	270F-	370F-	470F-	570F-	670F-	870F-	870F-	970F-	970F-
	Form 8	180F-	280F-	380F-	480F-	580F-	680F-	880F-	880F-	980F-	980F-
	Mark 9	190-	290-	390-	490-	590-	690-	889-	889-	989-	989-
	Form 7 Aluminum	170SA-	270SA-	370SA-	470SA-	570SA-	670SA-	870SA-	870SA-	970SA-	970SA-

* Metric size designator (ANSI C80.1-1994)

Ocal® Corrosion Protection for Electrical Conduit and Fittings

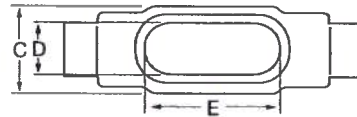
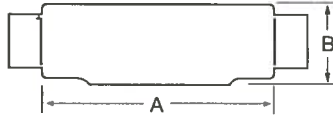


Ocal®

Ordinary Location Fittings — Conduit Bodies

Ocal® Corrosion Protection for Electrical Conduit and Fittings

C



C Form 7 Ferrous Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
C17-	½"	5.45	1.40	1.45	0.95	3.20	4.00
	16	138.43	35.56	36.83	24.13	81.28	65.55
C27-	¾"	6.05	1.60	1.65	1.15	3.80	6.60
	21	153.67	40.64	41.91	29.21	96.52	108.15
C37-	1"	6.75	1.90	1.80	1.35	4.55	10.60
	27	171.45	48.26	45.72	34.29	115.57	173.70
C47-	1½"	7.30	2.30	2.20	1.80	5.00	18.80
	35	185.42	58.42	55.88	45.72	127.00	308.08
C57-	1½"	8.60	2.60	2.45	2.05	5.45	26.40
	41	218.44	66.04	62.23	52.07	138.43	432.62
C67-	2"	9.50	3.20	3.05	2.45	6.40	51.00
	53	241.30	81.28	77.47	62.23	162.56	835.74
C77-	2½"	12.10	3.65	4.25	3.60	8.40	102.00
	63	307.34	92.71	107.95	91.44	213.36	1671.48
C87-	3"	12.10	4.40	4.25	3.60	8.40	132.00
	78	307.34	111.76	107.95	91.44	213.36	2163.09

C Mark 9 Aluminum Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
C19-	½"	5.00	1.38	1.38	1.19	3.31	—
	16	127.00	35.05	35.05	30.23	84.07	—
C29-	¾"	5.69	1.63	1.56	1.38	3.94	—
	21	144.53	41.40	39.62	35.05	100.08	—
C39-	1"	6.59	1.88	1.75	1.50	4.56	—
	27	167.39	47.75	44.45	38.10	115.82	—
C49-	1½"	7.50	2.50	2.19	1.94	5.31	—
	35	190.50	63.50	55.63	49.28	134.87	—
C59-	1½"	8.25	2.75	2.50	2.25	6.00	—
	41	209.55	69.85	63.50	57.15	152.40	—
C69-	2"	10.50	3.44	3.19	2.88	8.06	—
	53	266.70	87.38	81.03	73.15	204.72	—
C789-	2½"	15.63	4.44	5.00	4.25	10.88	—
	63	397.00	112.78	127.00	107.95	276.35	—
C889-	3"	15.63	4.81	5.00	4.25	10.88	—
	78	397.00	122.17	127.00	107.95	276.35	—
C989-	3½"	18.75	5.69	6.25	5.44	13.44	—
	91	476.25	144.53	158.75	138.18	341.38	—
C1089-	4"	18.75	5.94	6.25	5.44	13.44	—
	103	476.25	150.88	158.75	138.18	341.38	—

C Form 8 Ferrous Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
C18-	½"	5.53	1.44	1.38	1.00	3.31	4.90
	16	140.49	36.51	34.93	25.40	84.14	80.30
C28-	¾"	6.28	1.53	1.19	1.19	3.94	8.00
	21	159.54	38.89	30.16	30.16	100.01	131.10
C38-	1"	7.31	1.94	1.75	1.38	4.56	13.00
	27	185.74	49.21	44.45	34.93	115.89	213.03
C448-	1½"	8.50	2.38	2.19	1.75	5.31	23.50
	35	215.90	60.33	55.56	44.45	134.94	385.10
C58-	1½"	10.38	2.78	2.75	2.13	6.50	45.00
	41	263.53	70.64	69.85	53.98	165.10	737.42
C68-	2"	12.25	3.56	3.75	3.00	8.56	88.00
	53	311.15	90.49	95.25	76.20	217.49	1442.06
C78-	2½"	15.63	4.44	5.00	4.25	10.88	110.00
	63	396.88	112.71	127.00	107.95	276.23	1802.58
C88-	3"	15.63	4.81	5.00	4.25	10.88	110.00
	78	396.88	122.24	127.00	107.95	276.23	1802.58

* Metric size designator (ANSI C80 1-1994)

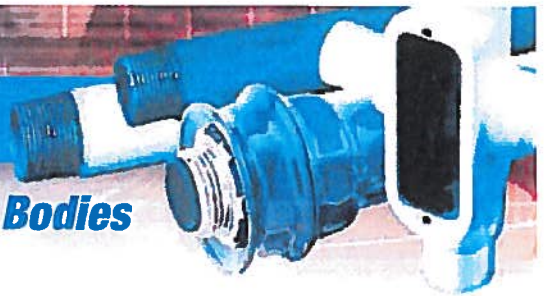
** Dimensions shown are for uncoated conduit bodies.

C Form 7 Aluminum Conduit Bodies with Covers

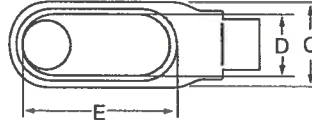
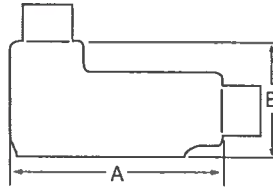
CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
C17SA-	½"	5.45	1.40	1.45	0.95	3.20	4.00
	16	138.43	35.56	36.83	24.13	81.28	65.55
C27SA-	¾"	6.05	1.60	1.65	1.15	3.80	6.60
	21	153.67	40.64	41.91	29.21	96.52	108.15
C37SA-	1"	6.75	1.90	1.80	1.35	4.55	10.60
	27	171.45	48.26	45.72	34.29	115.57	173.70
C47SA-	1½"	7.30	2.30	2.20	1.80	5.00	18.80
	35	185.42	58.42	55.88	45.72	127.00	308.08
C57SA-	1½"	8.60	2.60	2.45	2.05	5.45	26.40
	41	218.44	66.04	62.23	52.07	138.43	432.62
C67SA-	2"	9.50	3.20	3.05	2.45	6.40	51.00
	53	241.30	81.28	77.47	62.23	162.56	835.74
C77SA-	2½"	12.10	3.65	4.25	3.60	8.40	102.00
	63	307.34	92.71	107.95	91.44	213.36	1671.48
C87SA-	3"	12.10	4.40	4.25	3.60	8.40	132.00
	78	307.34	111.76	107.95	91.44	213.36	2163.09

Ocal®

Ordinary Location Fittings — Conduit Bodies



LB



LB Form 7 Ferrous Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
LB17-	½"	4.60	2.20	1.35	0.95	3.20	4.00
16		116.84	55.88	34.29	24.13	81.28	65.55
LB27-	¾"	5.25	2.40	1.65	1.15	3.80	6.60
21		133.35	60.96	41.91	29.21	96.52	108.15
LB37-	1"	6.00	2.65	1.80	1.35	4.55	10.60
27		152.40	67.31	45.72	34.29	115.57	173.70
LB47-	1½"	6.45	3.20	2.20	1.80	5.00	18.80
35		163.83	81.28	55.88	45.72	127.00	308.08
LB57-	1½"	7.25	3.90	2.45	2.05	5.45	26.40
41		184.15	99.06	62.23	52.07	138.43	432.62
LB67-	2"	8.30	4.45	3.10	2.45	6.40	51.00
53		210.82	113.03	78.74	62.23	162.56	835.74
LB777-	2½"	10.55	5.20	4.25	3.60	8.40	102.00
63		267.97	132.08	107.95	91.44	213.36	1671.48
LB87-	3"	10.55	5.95	4.25	3.60	8.40	132.00
78		267.97	151.13	107.95	91.44	213.36	2163.09
LB97-	3½"	12.85	6.70	5.25	4.55	10.25	210.00
91		326.39	170.18	133.35	115.57	260.35	3441.28
LB107-	4"	12.85	7.20	5.25	4.55	10.25	243.00
103		326.39	182.88	133.35	115.57	260.35	3982.06

LB Form 8 Ferrous Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
LB18-	½"	4.94	2.22	1.38	1.00	3.31	4.90
16		125.41	56.36	34.93	25.40	84.14	80.30
LB28-	¾"	5.56	2.44	1.56	1.19	3.31	8.00
21		141.29	61.93	39.69	30.16	84.14	131.10
LB38-	1"	6.50	2.81	1.75	1.38	4.56	13.00
27		165.10	71.45	44.45	34.93	115.89	213.03
LB448-	1¼"	7.53	3.34	2.19	1.75	5.31	23.50
35		191.29	84.93	55.56	44.45	134.94	385.10
LB58-	1½"	9.13	4.03	2.75	2.13	6.50	45.00
41		231.78	102.39	69.85	53.98	165.10	737.42
LB68-	2"	11.00	4.41	3.75	3.00	8.56	88.00
53		279.40	111.92	95.25	76.20	217.49	1442.06
LB78-	2½"	13.94	6.13	5.00	4.25	10.88	110.00
63		354.01	155.58	127.00	107.95	276.23	1802.58
LB888-	3"	13.94	6.50	5.00	4.25	10.88	110.00
78		354.01	165.10	127.00	107.95	276.23	1802.58
LB98-	3½"	16.88	7.56	6.25	5.44	13.44	250.00
91		428.63	192.09	158.75	138.11	341.31	4096.77
LB108-	4"	16.88	7.81	6.25	5.44	13.44	250.00
103		428.63	198.44	158.75	138.11	341.31	4096.77

* Metric size designator (ANSI C80.1-1994)

** Dimensions shown are for uncoated conduit bodies

LB Mark 9 Aluminum Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
LB19-	½"	4.59	2.13	1.38	1.19	3.31	—
16		116.68	53.98	34.93	30.16	84.14	—
LB29-	¾"	5.25	2.41	1.56	1.38	3.94	—
21		133.35	61.12	39.69	34.93	100.01	—
LB39-	1"	6.09	2.84	1.75	1.50	4.56	—
27		154.78	72.23	44.45	38.10	115.89	—
LB49-	1¼"	7.03	3.47	2.19	1.94	5.31	—
35		178.59	88.11	55.56	49.21	134.94	—
LB59-	1½"	7.75	3.75	2.50	2.25	6.00	—
41		196.85	95.25	63.50	57.15	152.40	—
LB69-	2"	10.03	4.47	3.19	2.88	8.06	—
53		254.79	113.51	80.96	73.03	204.79	—
LB789-	2½"	13.94	6.13	5.00	4.25	10.88	—
63		354.01	155.58	127.00	107.95	276.23	—
LB889-	3"	13.94	6.50	5.00	4.25	10.88	—
78		354.01	165.10	127.00	107.95	276.23	—
LB989-	3½"	16.88	7.56	6.25	5.44	13.44	—
91		428.63	192.09	158.75	138.11	341.31	—
LB1089-	4"	16.88	7.81	6.25	5.44	13.44	—
103		428.63	198.44	158.75	138.11	341.31	—

LB Form 7 Aluminum Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
LB17SA-	½"	4.60	2.20	1.35	0.95	3.20	4.00
16		116.84	55.88	34.29	24.13	81.28	65.55
LB27SA-	¾"	5.25	2.40	1.65	1.15	3.80	6.60
21		133.35	60.96	41.91	29.21	96.52	108.15
LB37SA-	1"	6.00	2.65	1.80	1.35	4.55	10.60
27		152.40	67.31	45.72	34.29	115.57	173.70
LB47SA-	1½"	6.45	3.20	2.20	1.80	5.00	18.80
35		163.83	81.28	55.88	45.72	127.00	308.08
LB57SA-	1½"	7.25	3.90	2.45	2.05	5.45	26.40
41		184.15	99.06	62.23	52.07	138.43	432.62
LB67SA-	2"	8.30	4.45	3.10	2.45	6.40	51.00
53		210.82	113.03	78.74	62.23	162.56	835.74
LB777SA-	2½"	10.55	5.20	4.25	3.60	8.40	102.00
63		267.97	132.08	107.95	91.44	213.36	1671.48
LB87SA-	3"	10.55	5.95	4.25	3.60	8.40	132.00
78		267.97	151.13	107.95	91.44	213.36	2163.09
LB97SA-	3½"	12.85	6.70	5.25	4.55	10.25	210.00
91		326.39	170.18	133.35	115.57	260.35	3441.28
LB107SA-	4"	12.85	7.20	5.25	4.55	10.25	243.00
103		326.39	182.88	133.35	115.57	260.35	3982.06

Ocal® Corrosion Protection for Electrical Conduit and Fittings

United States
Tel: 901.252.8000
Fax: 901.252.1354

Canada
Tel: 450.347.5318
Fax: 450.347.1976

Customer Service
Tel: 800.816.7809

Technical Services
Tel: 888.862.3289

Thomas & Betts

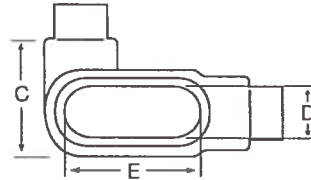
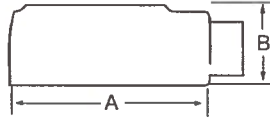
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Ocal®

Ordinary Location Fittings — Conduit Bodies

Ocal® Corrosion Protection for Electrical Conduit and Fittings

LL



LL Form 7 Ferrous Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
LL17-	½"	4.60	1.40	1.45	0.95	3.20	4.00
	16	116.84	35.56	36.83	24.13	81.28	65.55
LL27-	¾"	5.25	1.60	1.65	1.15	3.80	6.60
	21	133.35	40.64	41.91	29.21	96.52	108.15
LL37-	1"	6.00	1.90	2.60	1.35	4.55	10.60
	27	152.40	48.26	66.04	34.29	115.57	173.70
LL47-	1½"	6.45	2.30	3.05	1.80	5.00	18.60
	35	163.83	58.42	77.47	45.72	127.00	304.80
LL57-	1½"	7.90	2.60	3.80	2.05	5.45	26.40
	41	200.66	66.04	96.52	52.07	138.43	432.62
LL67-	2"	8.30	3.20	4.25	2.45	6.40	51.00
	53	210.82	81.28	107.95	62.23	162.56	835.74
LL77-	2½"	10.55	3.65	5.80	3.60	8.40	102.00
	63	267.97	92.71	147.32	91.44	213.36	1671.48
LL87-	3"	10.55	4.40	5.80	3.60	8.40	132.00
	78	267.97	111.76	147.32	91.44	213.36	2163.09
LL97-	3½"	12.85	4.90	7.03	4.55	10.25	210.00
	91	326.39	124.46	178.56	115.57	260.35	3441.28
LL107-	4"	12.85	5.40	7.03	4.55	10.25	243.00
	103	326.39	137.16	178.56	115.57	260.35	3982.06

LL Mark 9 Aluminum Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
LL19-	½"	4.59	1.38	2.13	1.19	3.31	—
	16	116.68	34.93	53.98	30.16	84.14	—
LL29-	¾"	5.25	1.63	2.38	1.38	3.94	—
	21	133.35	41.28	60.33	34.93	100.01	—
LL39-	1"	6.09	1.88	2.63	1.50	4.56	—
	27	154.78	47.63	66.68	38.10	115.89	—
LL49-	1½"	7.03	2.50	3.09	1.94	5.31	—
	35	178.59	63.50	78.58	49.21	134.94	—
LL59-	1½"	7.75	2.75	3.44	2.25	6.00	—
	41	196.85	69.85	87.31	57.15	152.40	—
LL69-	2"	10.03	3.44	4.13	2.88	8.06	—
	53	254.79	87.31	104.78	73.03	204.79	—
LL789-	2½"	13.94	4.44	6.69	4.25	10.88	—
	63	354.01	112.71	169.86	107.95	276.23	—
LL889-	3"	13.94	4.81	6.69	4.25	10.88	—
	78	354.08	122.24	169.93	107.95	276.35	—
LL989-	3½"	16.88	5.69	8.13	5.44	13.44	—
	91	428.63	144.46	206.38	138.11	341.31	—
LL1089-	4"	16.88	5.94	8.13	5.44	13.44	—
	103	428.63	150.81	206.38	138.11	341.31	—

LL Form 8 Ferrous Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
LL18-	½"	4.94	1.44	2.16	1.00	3.31	4.90
	16	125.41	36.51	54.77	25.40	84.14	80.30
LL28-	¾"	5.56	1.69	2.31	1.19	3.94	8.00
	21	141.29	42.86	58.74	30.16	100.01	131.10
LL38-	1"	6.47	1.94	2.63	1.38	4.56	13.00
	27	164.31	49.21	66.68	34.93	115.89	213.03
LL448-	1½"	7.53	2.38	3.16	1.75	5.31	23.50
	35	191.29	60.33	80.17	44.45	134.94	385.10
LL58-	1½"	9.13	2.78	4.00	2.13	6.50	45.00
	41	231.78	70.64	101.60	53.98	165.10	737.42
LL68-	2"	11.00	3.56	5.00	3.00	8.56	88.00
	53	279.40	90.49	127.00	76.20	217.49	1442.06
LL78-	2½"	13.94	4.44	6.69	4.25	10.88	110.00
	63	354.01	112.71	169.86	107.95	276.23	1802.58
LL888-	3"	13.94	4.81	6.69	4.25	10.88	110.00
	78	354.01	122.24	169.86	107.95	276.23	1802.58

* Metric size designator (ANSI C80.1-1994).

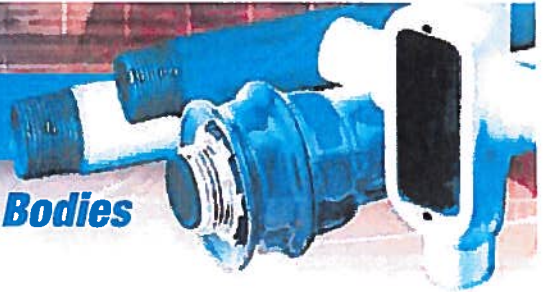
** Dimensions shown are for uncoated conduit bodies.

LL Form 7 Aluminum Conduit Bodies with Covers

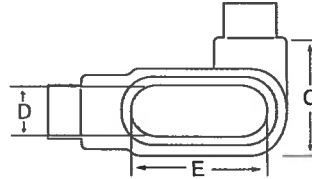
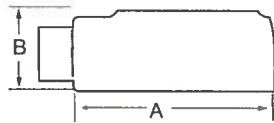
CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
LL17SA-	½"	4.60	1.40	1.45	0.95	3.20	4.00
	16	116.84	35.56	36.83	24.13	81.28	65.55
LL27SA-	¾"	5.25	1.60	1.65	1.15	3.80	6.60
	21	133.35	40.64	41.91	29.21	96.52	108.15
LL37SA-	1"	6.00	1.90	2.60	1.35	4.55	10.60
	27	152.40	48.26	66.04	34.29	115.57	173.70
LL47SA-	1½"	6.45	2.30	3.05	1.80	5.00	18.60
	35	163.83	58.42	77.47	45.72	127.00	304.80
LL57SA-	1½"	7.90	2.60	3.80	2.05	5.45	26.40
	41	200.66	66.04	96.52	52.07	138.43	432.62
LL67SA-	2"	8.30	3.20	4.25	2.45	6.40	51.00
	53	210.82	81.28	107.95	62.23	162.56	835.74
LL777SA-	2½"	10.55	3.65	5.80	3.60	8.40	102.00
	63	267.97	92.71	147.32	91.44	213.36	1671.48
LL87SA-	3"	10.55	4.40	5.80	3.60	8.40	132.00
	78	267.97	111.76	147.32	91.44	213.36	2163.09
LL97SA-	3½"	12.85	4.90	7.03	4.55	10.25	210.00
	91	326.39	124.46	178.56	115.57	260.35	3441.28
LL107SA-	4"	12.85	5.40	7.03	4.55	10.25	243.00
	103	326.39	137.16	178.56	115.57	260.35	3982.06

Ocal®

Ordinary Location Fittings — Conduit Bodies



LR



LR Form 7 Ferrous Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
LR17-	½"	4.60	1.40	1.45	0.95	3.20	4.00
16		116.84	35.56	36.83	24.13	81.28	65.55
LR27-	¾"	5.25	1.60	1.65	1.15	3.80	6.60
21		133.35	40.64	41.91	29.21	96.52	108.15
LR37-	1"	6.00	1.90	2.60	1.35	4.55	10.60
27		152.40	48.26	66.04	34.29	115.57	173.70
LR47-	1¼"	6.45	2.30	3.05	1.80	5.00	18.80
35		163.83	58.42	77.47	45.72	127.00	308.08
LR57-	1½"	7.90	2.60	3.80	2.05	5.45	26.40
41		200.66	66.04	96.52	52.07	138.43	432.62
LR67-	2"	8.30	3.20	4.25	2.45	6.40	51.00
53		210.82	81.28	107.95	62.23	162.56	835.74
LR77-	2½"	10.55	3.65	5.80	3.60	8.40	102.00
63		267.97	92.71	147.32	91.44	213.36	1671.48
LR87-	3"	10.55	4.40	5.80	3.60	8.40	132.00
78		267.97	111.76	147.32	91.44	213.36	2163.09
LR97-	3½"	12.85	4.90	7.03	4.55	10.25	210.00
91		326.39	124.46	178.56	115.57	260.35	3441.28
LR107-	4"	12.85	5.40	7.03	4.55	10.25	243.00
103		326.39	137.16	178.56	115.57	260.35	3982.06

LR Mark 9 Aluminum Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
LR19-	¼"	4.59	1.38	2.13	1.19	3.31	—
16		116.68	34.93	53.98	30.16	84.14	—
LR29-	¾"	5.25	1.63	2.38	1.38	3.94	—
21		133.35	41.28	60.33	34.93	100.01	—
LR39-	1"	6.09	1.88	2.63	1.50	4.56	—
27		154.78	47.63	66.68	38.10	115.89	—
LR49-	1¼"	7.03	2.50	3.09	1.94	5.31	—
35		178.59	63.50	78.58	49.21	134.94	—
LR59-	1½"	7.75	2.75	3.44	2.25	6.00	—
41		196.85	69.85	87.31	57.15	152.40	—
LR69-	2"	10.03	3.44	4.13	2.88	8.06	—
53		254.79	87.31	104.78	73.03	204.79	—
LR789-	2½"	13.94	4.44	6.69	4.25	10.88	—
63		354.01	112.71	169.86	107.95	276.23	—
LR889-	3"	13.94	4.81	6.69	4.25	10.88	—
78		354.08	122.24	169.93	107.95	276.35	—
LR989-	3½"	16.88	5.69	8.13	5.44	13.44	—
91		428.63	144.46	206.38	138.11	341.31	—
LR1089-	4"	16.88	5.94	8.13	5.44	13.44	—
103		428.63	150.81	206.38	138.11	341.31	—

LR Form 8 Ferrous Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
LR18-	½"	4.94	1.44	2.16	1.00	3.31	4.90
16		125.41	36.51	54.77	25.40	84.14	80.30
LR28-	¾"	5.56	1.69	2.31	1.19	3.94	8.00
21		141.29	42.86	58.74	30.16	100.01	131.10
LR38-	1"	6.47	1.94	2.63	1.38	4.56	13.00
27		164.31	49.21	66.68	34.93	115.89	213.03
LR448-	1¼"	7.53	2.38	3.16	1.75	5.31	23.50
35		191.29	60.33	80.17	44.45	134.94	385.10
LR58-	1½"	9.13	2.78	4.00	2.13	6.50	45.00
41		231.78	70.64	101.60	53.98	165.10	737.42
LR68-	2"	11.00	3.56	5.00	3.00	8.56	88.00
53		279.40	90.49	127.00	76.20	217.49	1442.06
LR78-	2½"	13.94	4.44	6.69	4.25	10.88	110.00
63		354.01	112.71	169.86	107.95	276.23	1802.58
LR888-	3"	13.94	4.81	6.69	4.25	10.88	110.00
78		354.01	122.24	169.86	107.95	276.23	1802.58

* Metric size designator (ANSI C80 1-1994).

** Dimensions shown are for uncoated conduit bodies.

LR Form 7 Aluminum Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
LR17SA-	½"	4.60	1.40	1.45	0.95	3.20	4.00
16		116.84	35.56	36.83	24.13	81.28	65.55
LR27SA-	¾"	5.25	1.60	1.65	1.15	3.80	6.60
21		133.35	40.64	41.91	29.21	96.52	108.15
LR37SA-	1"	6.00	1.90	2.60	1.35	4.55	10.60
27		152.40	48.26	66.04	34.29	115.57	173.70
LR47SA-	1¼"	6.45	2.30	3.05	1.80	5.00	18.80
35		163.83	58.42	77.47	45.72	127.00	308.08
LR57SA-	1½"	7.90	2.60	3.80	2.05	5.45	26.40
41		200.66	66.04	96.52	52.07	138.43	432.62
LR67SA-	2"	8.30	3.20	4.25	2.45	6.40	51.00
53		210.82	81.28	107.95	62.23	162.56	835.74
LR777SA-	2½"	10.55	3.65	5.80	3.60	8.40	102.00
63		267.97	92.71	147.32	91.44	213.36	1671.48
LR87SA-	3"	10.55	4.40	5.80	3.60	8.40	132.00
78		267.97	111.76	147.32	91.44	213.36	2163.09
LR97SA-	3½"	12.85	4.90	7.03	4.55	10.25	210.00
91		326.39	124.46	178.56	115.57	260.35	3441.28
LR107SA-	4"	12.85	5.40	7.03	4.55	10.25	243.00
103		326.39	137.16	178.56	115.57	260.35	3982.06

Ocal Corrosion Protection for Electrical Conduit and Fittings

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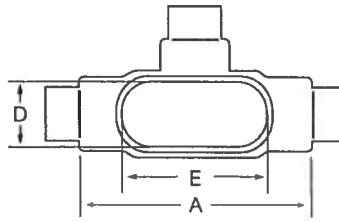
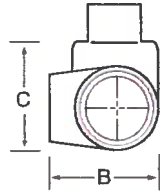
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Ordinary Location Fittings — Conduit Bodies

T



Ocal® Corrosion Protection for Electrical Conduit and Fittings

T Form 7 Ferrous Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
T17-	½"	5.60	1.80	2.35	0.95	3.20	6.00
16	142.24	45.72	59.69	24.13	81.28	98.32	
T27-	¾"	6.20	2.00	2.60	1.15	3.80	9.10
21	157.48	50.80	66.04	29.21	96.52	149.12	
T37-	1"	7.35	2.30	3.10	1.35	4.55	16.90
27	186.69	58.42	78.74	34.29	115.57	276.94	
T47-	1½"	7.30	2.30	3.05	1.80	5.00	19.30
35	185.42	58.42	77.47	45.72	127.00	316.27	
T57-	1½"	8.60	2.60	3.80	2.05	5.45	27.50
41	218.44	66.04	96.52	52.07	138.43	450.64	
T67-	2"	9.50	3.20	4.25	2.45	6.40	50.00
53	241.30	81.28	107.95	62.23	162.56	819.35	
T77-	2½"	12.10	3.65	5.80	3.60	8.40	102.00
63	307.34	92.71	147.32	91.44	213.36	1671.48	
T87-	3"	12.10	4.40	5.80	3.60	8.40	132.00
78	307.34	111.76	147.32	91.44	213.36	2163.09	
T97-	3½"	14.65	4.90	7.05	4.55	10.25	210.00
91	372.11	124.46	179.07	115.57	260.35	3441.28	
T107-	4"	14.65	5.40	7.05	4.55	10.25	243.00
103	372.11	137.16	179.07	115.57	260.35	3982.06	

T Mark 9 Aluminum Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
T19-	½"	5.00	1.38	2.13	1.19	3.31	—
16	127.00	34.93	53.98	30.16	84.14	—	
T29-	¾"	5.69	1.63	2.38	1.38	3.94	—
21	144.46	41.28	60.33	34.93	100.01	—	
T39-	1"	6.59	1.88	2.63	1.50	4.56	—
27	167.48	47.63	66.68	38.10	115.89	—	
T49-	1½"	7.50	2.50	3.09	1.94	5.31	—
35	190.50	63.50	78.58	49.21	134.94	—	
T59-	1½"	8.25	2.75	3.44	2.25	6.00	—
41	209.55	69.85	87.31	57.15	152.40	—	
T69-	2"	10.50	3.44	4.13	2.88	8.06	—
53	266.70	87.31	104.78	73.03	204.79	—	
T789-	2½"	15.63	4.44	6.69	4.25	10.88	—
63	396.88	112.71	169.86	107.95	276.23	—	
T889-	3"	15.63	4.81	6.69	4.25	10.88	—
78	396.88	122.24	169.86	107.95	276.23	—	
T989-	3½"	18.75	5.69	8.13	5.44	13.44	—
91	476.25	144.46	206.38	138.11	341.31	—	
T1089-	4"	18.75	5.94	8.13	5.44	13.44	—
103	476.25	150.81	206.38	138.11	341.31	—	

T Form 8 Ferrous Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
T18-	½"	5.69	1.75	2.16	1.00	3.31	6.00
16	144.46	44.45	54.77	25.40	84.14	98.32	
T28-	¾"	6.28	2.00	2.31	1.19	3.94	9.00
21	159.54	50.80	58.74	30.16	100.01	147.48	
T38-	1"	7.31	2.25	2.63	1.38	4.56	15.00
27	185.74	57.15	66.68	34.93	115.89	245.81	
T448-	1½"	8.50	2.63	3.16	1.75	5.31	24.00
35	215.90	66.68	80.17	44.45	134.94	393.29	
T58-	1½"	10.38	2.78	4.00	2.13	6.50	46.50
41	263.53	70.64	101.60	53.98	165.10	762.00	
T68-	2"	12.25	3.56	5.00	3.00	8.56	88.00
53	311.15	90.49	127.00	76.20	217.49	1442.06	
T78-	2½"	15.63	4.44	6.69	4.25	10.88	110.00
63	396.88	112.71	169.86	107.95	276.23	1802.58	
T88-	3"	15.63	4.81	6.69	4.25	10.88	110.00
78	396.88	122.24	169.86	107.95	276.23	1802.58	

* Metric size designator (ANSI C80.1-1994)

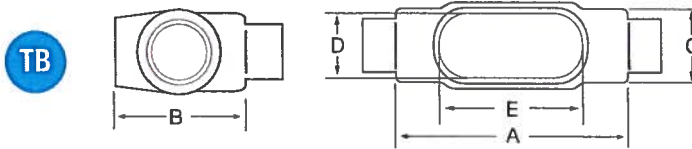
** Dimensions shown are for uncoated conduit bodies.

T Form 7 Aluminum Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
T17SA-	½"	5.60	1.80	2.35	0.95	3.20	6.00
16	142.24	45.72	59.69	24.13	81.28	98.32	
T27SA-	¾"	6.20	2.00	2.60	1.15	3.80	9.10
21	157.48	50.80	66.04	29.21	96.52	149.12	
T37SA-	1"	7.35	2.30	3.10	1.35	4.55	16.90
27	186.69	58.42	78.74	34.29	115.57	276.94	
T47SA-	1½"	7.30	2.30	3.05	1.80	5.00	19.30
35	185.42	58.42	77.47	45.72	127.00	316.27	
T57SA-	1½"	8.60	2.60	3.80	2.05	5.45	27.50
41	218.44	66.04	96.52	52.07	138.43	450.64	
T67SA-	2"	9.50	3.20	4.25	2.45	6.40	50.00
53	241.30	81.28	107.95	62.23	162.56	819.35	
T77SA-	2½"	12.10	3.65	5.80	3.60	8.40	102.00
63	307.34	92.71	147.32	91.44	213.36	1671.48	
T87SA-	3"	12.10	4.40	5.80	3.60	8.40	132.00
78	307.34	111.76	147.32	91.44	213.36	2163.09	
T97SA-	3½"	14.65	4.90	7.05	4.55	10.25	210.00
91	372.11	124.46	179.07	115.57	260.35	3441.28	
T107SA-	4"	14.65	5.40	7.05	4.55	10.25	243.00
103	372.11	137.16	179.07	115.57	260.35	3982.06	

Ocal®

Ordinary Location Fittings — Conduit Bodies



TB Form 7 Ferrous Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
TB17-	½"	5.60	2.06	1.63	0.95	3.20	6.00
16	142.24	52.32	41.40	24.13	81.28	98.32	
TB27-	¾"	6.20	2.31	1.81	1.15	3.80	9.10
21	157.48	58.67	45.97	29.21	96.52	149.12	
TB37-	1"	7.35	2.50	2.31	1.35	4.55	16.90
27	186.69	63.50	58.67	34.29	115.57	276.94	
TB47-	1¼"	7.30	3.19	2.25	1.80	5.00	19.30
35	185.42	81.03	57.15	45.72	127.00	316.27	
TB57-	1½"	8.60	3.91	2.42	2.05	5.45	27.50
41	218.44	99.31	61.47	52.07	138.43	450.64	
TB67-	2"	9.50	4.50	3.06	2.45	6.40	52.80
53	241.30	114.30	77.72	62.23	162.56	865.24	

TB Mark 9 Aluminum Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
TB19-	½"	5.00	2.13	1.38	1.19	3.31	—
16	127.00	53.98	34.93	30.16	84.14	—	
TB29-	¾"	5.69	2.41	1.56	1.38	3.94	—
21	144.46	61.12	39.69	34.93	100.01	—	
TB39-	1"	6.59	2.84	1.75	1.50	4.56	—
27	167.48	72.23	44.45	38.10	115.89	—	
TB49-	1¼"	7.50	3.47	2.19	1.94	5.31	—
35	190.50	88.11	55.56	49.21	134.94	—	

TB Form 8 Ferrous Conduit Bodies with Covers

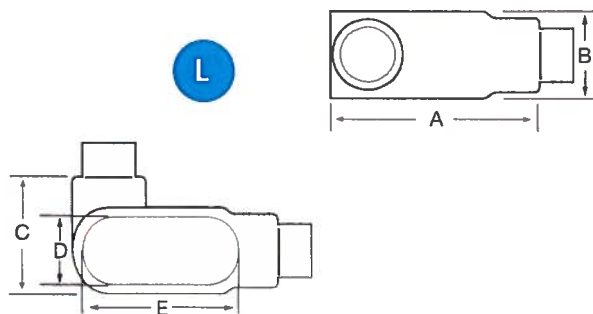
CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
TB18-	½"	5.69	2.63	1.38	1.00	3.31	6.00
16	144.46	66.68	34.93	25.40	84.14	98.32	
TB28-	¾"	6.28	2.88	1.19	1.19	3.94	9.00
21	159.54	73.03	30.16	30.16	100.01	147.48	
TB38-	1"	7.31	3.25	1.75	1.38	4.56	15.00
27	185.74	82.55	44.45	34.93	115.89	245.81	
TB448-	1¼"	8.50	3.31	2.19	1.75	5.31	24.00
35	215.90	84.14	55.56	44.45	134.94	393.29	
TB58-	1½"	10.38	3.69	2.75	2.13	6.50	46.50
41	263.53	93.66	69.85	53.98	165.10	762.00	
TB68-	2"	12.25	4.25	3.75	3.00	8.56	88.00
53	311.15	107.95	95.25	76.20	217.49	1442.06	

TB Form 7 Aluminum Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
TB17SA-	½"	5.60	2.06	1.63	0.95	3.20	6.00
16	142.24	52.32	41.40	24.13	81.28	98.32	
TB27SA-	¾"	6.20	2.31	1.81	1.15	3.80	9.10
21	157.48	58.67	45.97	29.21	96.52	149.12	
TB37SA-	1"	7.35	2.50	2.31	1.35	4.55	16.90
27	186.69	63.50	58.67	34.29	115.57	276.94	
TB47SA-	1¼"	7.30	3.19	2.25	1.80	5.00	19.30
35	185.42	81.03	57.15	45.72	127.00	316.27	
TB57SA-	1½"	8.60	3.91	2.42	2.05	5.45	27.50
41	218.44	99.31	61.47	52.07	138.43	450.64	
TB67SA-	2"	9.50	4.50	3.06	2.45	6.40	52.80
53	241.30	114.30	77.72	62.23	162.56	865.24	

* Metric size designator (ANSI C80.1-1994).

** Dimensions shown are for uncoated conduit bodies.



L Form 7 Ferrous Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
L17-	½"	4.60	1.40	1.45	0.95	3.20	—
16	116.84	35.56	36.83	24.13	81.28	—	
L27-	¾"	5.25	1.60	1.65	1.15	3.80	—
21	133.35	40.64	41.91	29.21	96.52	—	
L37-	1"	6.00	1.90	2.60	1.35	4.55	—
27	152.40	48.26	66.04	34.29	115.57	—	
L47-	1¼"	6.45	2.30	3.05	1.80	5.00	—
35	163.83	58.42	77.47	45.72	127.00	—	
L57-	1½"	7.90	2.60	3.80	2.05	5.45	—
41	200.66	66.04	96.52	52.07	138.43	—	
L67-	2"	8.30	3.20	4.25	2.45	6.40	—
53	210.82	81.28	107.95	62.23	162.56	—	

* Metric size designator (ANSI C80.1-1994).

** Dimensions shown are for uncoated conduit bodies.

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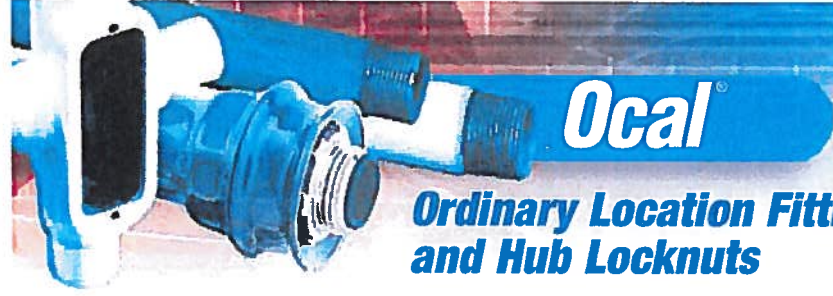
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Tel: 800.816.7809

Technical Services
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Ordinary Location Fittings — Conduit Bodies and Hub Locknuts

X Form 7 Ferrous Conduit Bodies with Covers

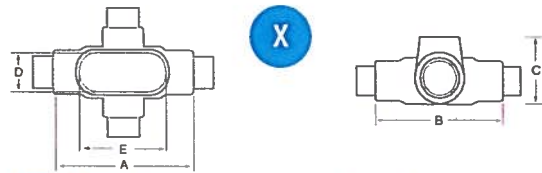
CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
X17-	½"	5.60	1.80	3.05	0.95	3.20	6.00
	16	142.24	45.72	77.47	24.13	81.28	98.32
X27-	¾"	6.20	2.00	3.30	1.15	3.80	9.10
	21	157.48	50.80	83.82	29.21	96.52	149.12
X37-	1"	7.35	2.30	3.80	1.35	4.55	16.90
	27	186.69	58.42	96.52	34.29	115.57	276.94
X47-	1½"	7.30	2.30	3.85	1.80	5.00	19.30
	35	185.42	58.42	97.79	45.72	127.00	316.27
X57-	1½"	8.60	2.60	5.05	2.05	5.45	27.50
	41	218.44	66.04	128.27	52.07	138.43	450.64
X67-	2"	9.50	3.20	5.45	2.45	6.40	52.80
	53	241.30	81.28	138.43	62.23	162.56	865.24

X Form 8 Ferrous Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
X18-	½"	5.69	1.75	2.91	1.00	3.31	6.00
	16	144.46	44.45	73.82	25.40	84.14	98.32
X28-	¾"	6.28	2.00	3.06	1.38	3.94	9.00
	21	159.54	50.80	77.79	34.93	100.01	147.48
X38-	1"	7.31	2.25	3.50	1.38	4.56	15.00
	27	185.74	57.15	88.90	34.93	115.89	245.81
X448-	1½"	8.50	2.63	4.13	1.75	5.31	24.00
	35	215.90	66.68	104.78	44.45	134.94	393.29
X58-	1½"	10.38	2.47	5.25	2.13	6.50	46.50
	41	263.53	62.71	133.35	53.98	165.10	762.00
X68-	2"	12.25	3.56	6.25	3.00	8.56	88.00
	53	311.15	90.49	158.75	76.20	217.49	1442.06

* Metric size designator (ANSI C80.1-1994).

** Dimensions shown are for uncoated conduit bodies.



X Mark 9 Aluminum Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
X19-	½"	5.69	2.91	1.75	1.00	3.31	—
	16	144.46	73.82	44.45	25.40	84.14	—
X29-	¾"	6.28	3.06	2.00	1.19	3.94	—
	21	159.54	77.79	50.80	30.16	100.01	—
X39-	1"	7.31	3.50	2.25	1.38	4.56	—
	27	185.74	88.90	57.15	34.93	115.89	—

X Form 7 Aluminum Conduit Bodies with Covers

CAT. NO.	HUB SIZE*	DIMENSIONS (IN. AND MM)**					VOL. CAP. (CU.IN./CU.CM)
		A	B	C	D	E	
X17SA-	½"	5.60	1.80	3.05	0.95	3.20	6.00
	16	142.24	45.72	77.47	24.13	81.28	98.32
X27SA-	¾"	6.20	2.00	3.30	1.15	3.80	9.10
	21	157.48	50.80	83.82	29.21	96.52	149.12
X37SA-	1"	7.35	2.30	3.80	1.35	4.55	16.90
	27	186.69	58.42	96.52	34.29	115.57	276.94
X47SA-	1½"	7.30	2.30	3.85	1.80	5.00	19.30
	35	185.42	58.42	97.79	45.72	127.00	316.27
X57SA-	1½"	8.60	2.60	5.05	2.05	5.45	27.50
	41	218.44	66.04	128.27	52.07	138.43	450.64
X67SA-	2"	9.50	3.20	5.45	2.45	6.40	52.80
	53	241.30	81.28	138.43	62.23	162.56	865.24

T&B Grounding and Bonding Locknuts for Hubs

- Available in zinc, copper-free aluminum or 316 stainless steel
- UL File No. E-3060, CSA File No. 4484
- Use as replacement locknuts for the hubs featured on the following page



ZINC CAT. NO.	ALUMINUM CAT. NO.	316 STAINLESS CAT. NO.	PIPE SIZE		DIAMETER		HEIGHT		GROUND SCREW	MAX. COND. SIZE	
			IN.	METRIC SIZE DESIGNATOR*	IN.	MM	IN.	MM		AWG	SQ. MM
L050GR-TB	L050GRA-TB	L050GRSST	½	16	1.50	38.10	0.41	10.41	#10-32 x ¼"	#10	6
L075GR-TB	L075GRA-TB	L075GRSST	¾	21	1.69	42.93	0.41	10.41	#10-32 x ¼"	#10	6
L100GR-TB	L100GRA-TB	L100GRSST	1	27	2.00	50.80	0.41	10.41	#10-32 x ¼"	#10	6
L125GR-TB	L125GRA-TB	L125GRSST	1¼	35	2.38	60.45	0.47	11.94	¼-20 x ¼"	#10	6
L150GR-TB	L150GRA-TB	L150GRSST	1½	—	2.75	69.85	0.47	11.94	¼-20 x ⅝"	#8	10
L200GR-TB	L200GRA-TB	L200GRSST	2	53	3.25	82.55	0.47	11.94	¼-20 x ⅝"	#8	10
L250GR-TB	L250GRA-TB	—	2½	63	3.75	95.25	0.69	17.53	¼-20 x ⅝"	#6	16
L300GR-TB	L300GRA-TB	—	3	78	4.38	111.25	0.72	18.29	¼-20 x ⅝"	#6	16
L350GR-TB	L350GRA-TB	—	3¼	91	5.00	127.00	0.72	18.29	¼-20 x ⅝"	#6	16
L400GR-TB	L400GRA-TB	—	4	103	5.50	139.70	0.72	18.29	¼-20 x ⅝"	#4	25
L500GR-TB	L500GRA-TB	—	5	129	6.63	168.40	0.72	18.29	¼-16 x ¾"	#2	35
L600GR-TB	L600GRA-TB	—	6	155	7.69	195.33	0.72	18.29	¼-16 x ¾"	#1	50

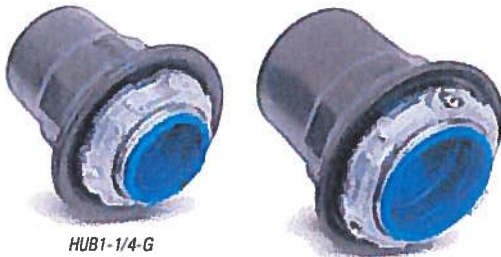
* Metric size designator (ANSI C80.1-1994).

Ocal®

Ordinary Location Fittings — Hubs

Unique sealing ring and groove design for optimum performance!

OCAL-BLUE Double-Coat and Stainless Steel Hubs



HUB1-1/4-G
PVC-Coated Zinc Hub

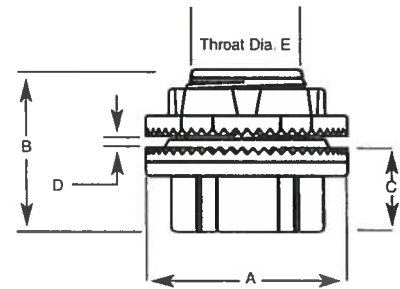
STG6-G
PVC-Coated Zinc Grounded Hub

- Captive sealing ring won't buckle or slip during installation and provides a complete 360° seal — even when conduit isn't perpendicular to the enclosure
- Hexagonal/splined body and locknut enables fast and easy installation
- Insulated throat molded from 105° C-rated thermoplastic, UL94V0 flammability rated
- Sharper and deeper teeth provide a more penetrating bite for improved bonding to the enclosure
- Zinc or copper-free aluminum with a nominal .040" (40 mil) PVC coating bonded to exterior — in blue, white, gray or custom colors
- Pressure-sealing sleeves protect your connections
- Also available uncoated in 316-grade stainless steel
- For replacement locknuts, see previous page

Cat. No.	Color
HUB 1 -	
_ = space for color identifier	
G = Gray	
W = White	
B = Blue	
Custom colors also available.	



H050GRSST
Stainless Steel
Grounded Hub



Knockout Hubs

PVC-COATED ZINC HUB CAT. NO.	PVC-COATED ALUMINUM HUB CAT. NO.	PVC-COATED ZINC GROUNDED HUB CAT. NO.	316 STAINLESS GROUNDED HUB CAT. NO.	PIPE SIZE IN. METRIC SIZE DESIGNATOR*	DIMENSIONS (UNCOATED HUB)				
					A (OVERALL DIA.)	B	C	D (MAX. PANEL THICKNESS)	E (THROAT DIA.)
HUB1/2-	HUB1/2SA-	STG1-	H050GRSST	½	1.44	1.56	0.88	0.19	0.59
				16	36.58	39.62	22.35	4.83	14.99
HUB3/4-	HUB3/4SA-	STG2-	H075GRSST	¾	1.44	1.59	0.91	0.19	0.78
				21	36.58	40.39	23.11	4.83	19.81
HUB1-	HUB1SA-	STG3-	H100GRSST	1	2.00	1.81	1.06	0.25	1.00
				27	50.80	45.97	26.92	6.35	25.40
HUB1-1/4-	HUB1-1/4SA-	STG4-	H125GRSST	1¼	2.38	1.88	1.06	0.25	1.31
				35	60.45	47.75	26.92	6.35	33.02
HUB1-1/2-	HUB1-1/2SA-	STG5-	H150GRSST	1½	2.75	1.88	1.06	0.25	1.53
				41	69.85	47.75	26.92	6.35	38.86
HUB2-	HUB2SA-	STG6-	H200GRSST	2	3.25	1.94	1.16	0.25	1.97
				53	82.55	49.28	29.46	6.35	50.04
HUB2-1/2-	HUB2-1/2SA-	STG7-	—	2½	3.75	2.56	1.56	0.25	2.41
				63	95.25	65.02	39.62	6.35	61.21
HUB3-	HUB3SA-	STG8-	—	3	4.38	2.44	1.59	0.25	2.97
				78	111.25	61.98	40.39	6.35	75.44
HUB3-1/2-	HUB3-1/2SA-	STG9-	—	3½	5.00	2.72	1.63	0.25	3.41
				91	127.00	69.09	41.40	6.35	86.61
HUB4-	HUB4SA-	STG10-	—	4	5.50	2.72	1.63	0.25	3.88
				103	139.70	69.09	41.40	6.35	98.55
HUB5-	HUB5SA-	STG11-	—	5	6.88	3.03	1.94	0.25	4.94
				129	174.75	76.96	49.28	6.35	125.48
HUB6-	HUB6SA-	STG12-	—	6	7.69	3.16	2.00	0.31	6.00
				155	195.33	80.26	50.80	7.87	152.40

Ocal® Corrosion Protection for Electrical Conduit and Fittings

United States
Tel: 901.252.8000
Fax: 901.252.1354

Canada
Tel: 450.347.5318
Fax: 450.347.1976

Customer Service
Tel: 800.816.7809

Technical Services
Tel: 888.862.3289

Thomas & Betts

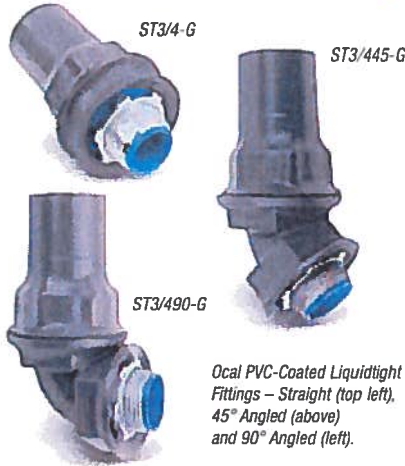
www.tnb.com

Ocal®

Ordinary Location Fittings — Liquidtight Fittings

The ultimate liquidtight solution for corrosive environments!

Ocal PVC-Coated Liquidtight Conduit Connectors



Ocal PVC-Coated Liquidtight Fittings — Straight (top left), 45° Angled (above) and 90° Angled (left).

- Nominal .040" (40 mil) PVC coating bonded to exterior — available in gray, white, blue or custom colors
- Pressure-sealing sleeves protect the connection
- Ocal uses only genuine T&B® liquidtight fittings to ensure quality installations

Cat. No.	Material	Color
ST3/4		
	Blank = Steel/Iron	G = Gray
	SA = Aluminum	W = White
		B = Blue
		Custom colors also available.

PVC-COATED STEEL STRAIGHT CAT. NO.	PVC-COATED ALUMINUM STRAIGHT CAT. NO.	PVC-COATED STEEL 45° CAT. NO.	PVC-COATED STEEL 90° CAT. NO.	PVC-COATED ALUMINUM 90° CAT. NO.	PIPE SIZE IN. METRIC SIZE DESIGNATOR*
ST3/8-	ST3/8SA-	ST3/845-	ST3/890-	ST3/890SA-	¾ 12
ST1/2-	ST1/2SA-	ST1/245-	ST1/290-	ST1/290SA-	½ 16
ST3/4-	ST3/4SA-	ST3/445-	ST3/490-	ST3/490SA-	¾ 21
ST1-	ST1SA-	ST145-	ST190-	ST190SA-	1 27
ST1-1/4-	ST1-1/4SA-	ST1-1/445-	ST1-1/490-	ST1-1/490SA-	1¼ 35
ST1-1/2-	ST1-1/2SA-	ST1-1/245-	ST1-1/290-	ST1-1/290SA-	1½ 41
ST2-	ST2SA-	ST245-	ST290-	ST290SA-	2 53
ST2-1/2-	ST2-1/2SA-	ST2-1/245-	ST2-1/290-	ST2-1/290SA-	2½ 63
ST3-	ST3SA-	ST345-	ST390-	ST390SA-	3 78
ST4-	ST4SA-	ST445-	ST490-	ST490SA-	4 103

* Metric size designator (ANSI C80.1-1994).

T&B 304 Stainless Steel Liquidtight Conduit Connectors



T&B 304 Stainless Steel Liquidtight Fittings — Straight (top left), 45° Angled (bottom left) and 90° Angled (top right). 5262 Series Sealing Ring Gasket (bottom right) sold separately.

STAINLESS STEEL STRAIGHT CAT. NO.	STAINLESS STEEL 45° CAT. NO.	STAINLESS STEEL 90° CAT. NO.	SEALING RING GASKET CAT. NO.	PIPE SIZE IN. METRIC SIZE DESIGNATOR*
5331SST	5341SST	5351SST	5261	¾ 12
5332SST	5342SST	5352SST	5262	½ 16
5333SST	5343SST	5353SST	5263	¾ 21
5334SST	5344SST	5354SST	5264	1 27
5335SST	5345SST	5355SST	5265	1¼ 35
5336SST	5346SST	5356SST	5266	1½ 41
5337SST	5347SST	5357SST	5267	2 53

* Metric size designator (ANSI C80.1-1994).

Ocal® Corrosion Protection for Electrical Conduit and Fittings

United States
Tel: 901.252.3000
Fax: 901.252.1354

Canada
Tel: 450.347.5318
Fax: 450.347.1976

Customer Service
Tel: 800.816.7809

Technical Services
Tel: 888.862.3289

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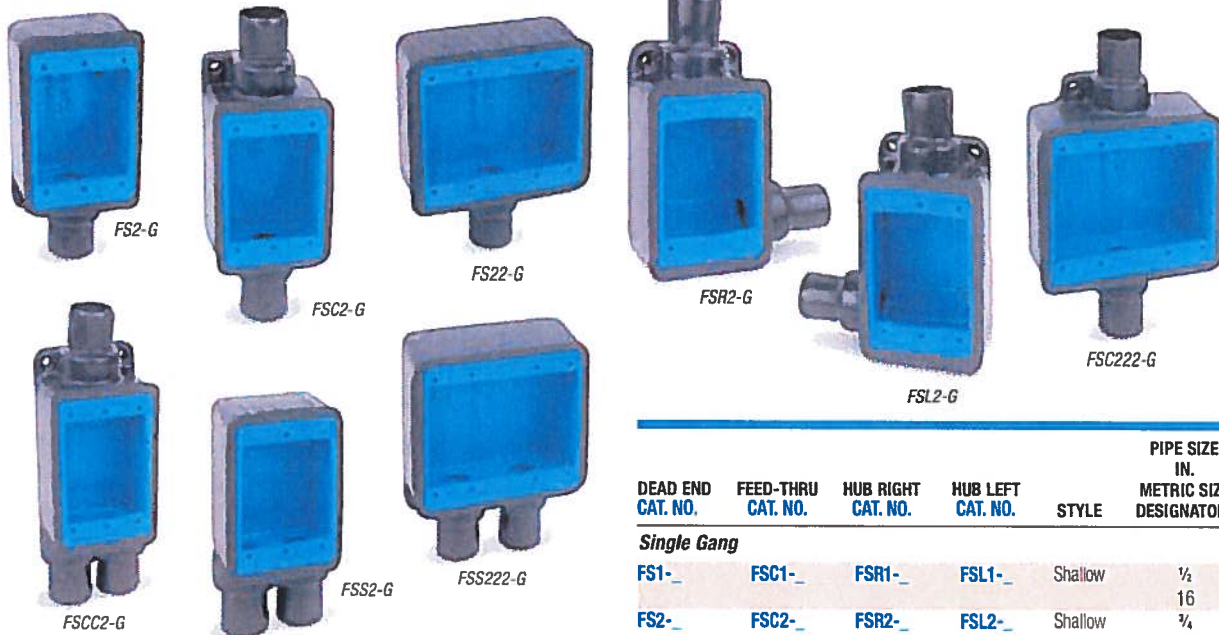


Ordinary Location Fittings — PVC-Coated FS/FD Series Boxes

Variety of styles offers versatility!

OCAL-BLUE Double-Coat FS and FD Series Device Boxes

Ocal® Corrosion Protection for Electrical Conduit and Fittings



Install these boxes in conduit systems to accommodate wiring devices, act as pull boxes for conductors, provide openings to make splices and taps and provide access to conductors for maintenance and future system changes.

- Cast class 30 gray iron alloy boxes
- Coated with a nominal .002" (2 mil) blue urethane on both the interior and exterior before PVC coating is applied
- Nominal .040" (40 mil) PVC coating bonded to exterior
- PVC coating available in your choice of blue, white or gray with custom colors available on request
- Pressure sealing sleeves protect connections with conduit

Cat. No.	Color
FS1 -	-
- = space for color identifier	
G = Gray	
W = White	
B = Blue	
Custom colors also available.	

DEAD END CAT. NO.	FEED-THRU CAT. NO.	HUB RIGHT CAT. NO.	HUB LEFT CAT. NO.	STYLE	PIPE SIZE IN. METRIC SIZE DESIGNATOR*
Single Gang					
FS1-	FSC1-	FSR1-	FSL1-	Shallow	½ 16
FS2-	FSC2-	FSR2-	FSL2-	Shallow	¾ 21
FS3-	FSC3-	—	—	Shallow	1 27
FD1-	FDC1-	FDR1-	FDL1-	Deep	½ 16
FD2-	FDC2-	FDR2-	FDL2-	Deep	¾ 21
FD3-	FDC3-	—	—	Deep	1 27
—	FSCC2-	—	—	Shallow	¾ 21
—	FDCC2-	—	—	Deep	¾ 21
FSS2-	—	—	—	Shallow	¾ 21
FDD2-	—	—	—	Deep	¾ 21
Double Gang					
FS22-	—	—	—	Shallow	¾ 21
FD22-	—	—	—	Deep	¾ 21
FSS222-	—	—	—	Shallow	¾ 21
FDS222-	—	—	—	Deep	¾ 21
—	FSC222-	—	—	Shallow	¾ 21
—	FDC222-	—	—	Deep	¾ 21

* Metric size designator (ANSI C80.1-1994).

Ocal®

Ordinary Location Fittings — PVC-Coated FS/FD Series Covers

Designed for use with Ocal FS and FD Series Boxes.

OCAL-BLUE Double-Coat FS and FD Series Covers



DS23-G



DS21G-G



DS32G-G



DS100G-G



CFSTF-G



CFSDR-G



CFSRG-G



CFSHG-G



CWPDR-FS-G



S1002G-G



S322G-G



S232-G



2CFST-G



S232GFI-G

CAT. NO.	DESCRIPTION	MATERIAL
Single Gang		
DS23-	Duplex Receptacle Cover	Steel
DS21G-	Round Flush Receptacle Cover	Iron
DS32G-	Toggle Switch Cover	Iron
DS100G-	Blank Cover	Aluminum
Single Gang — NEMA 3R Raintight when used with appropriate Ocal boxes		
CWPDR-FS-	Duplex Receptacle Cover — Box Mount — Horizontal	Aluminum
CFSDR-	Duplex Receptacle Cover — Box Mount — Vertical	Aluminum
CFSHG-	GFCI Receptacle Cover — Box Mount — Horizontal	Aluminum
CFSRG-	GFCI Receptacle Cover — Box Mount — Vertical	Aluminum
CFSTF-	Front Lever Switch Cover — Box Mount — NEMA 4	Aluminum
Double Gang		
S1002G-	Blank Cover	Iron
S322G-	2 Toggle Switch Cover	Iron
S232-	2 Duplex Receptacle Cover	Stamped Steel
S232GFI-	2 GFCI Receptacle Cover	Steel
Double Gang — NEMA 3R Raintight when used with appropriate Ocal boxes		
2CFST-	2 Plunger-Style Switch Cover	Aluminum

PVC-coated covers in other styles and materials are available upon request.
Contact Technical Services for more information.

Cat. No. Color

DS23 -

- = space for color identifier

G = Gray

W = White

B = Blue

Custom colors also available.

Ocal® Corrosion Protection for Electrical Conduit and Fittings

United States
Tel: 901.252.8000
Fax: 901.252.1354

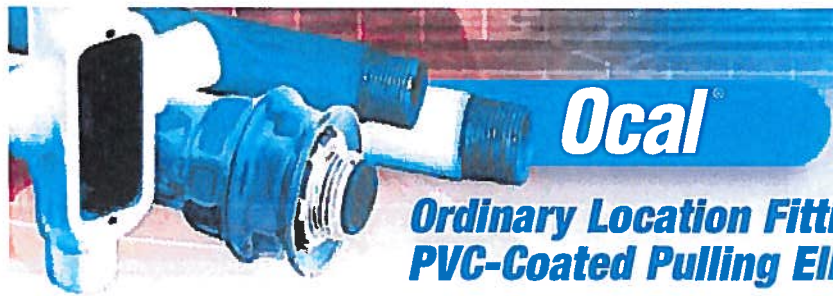
Canada
Tel: 450.347.5318
Fax: 450.347.1976

Customer Service
Tel: 800.816.7809

Technical Services
Tel: 888.862.3289

Thomas & Betts

www.tnb.com



Ordinary Location Fittings — PVC-Coated Pulling Elbows and Mogul Fittings

Make 90° bends while allowing straight pulls!
OCAL-BLUE Double-Coat Pulling Elbows



LBD2200-G

LBD and LBH bodies are installed at 90° bends in rigid conduit to act as pull outlets for conductors that are stiff due to large size or type of insulation and to make 90° bends in conduit system while allowing straight wire pulls in either direction.

- Choose LBD series for ordinary locations and LBH series for hazardous locations
- Coated with a nominal .002" (2 mil) blue urethane on both interior and exterior
- Nominal .040" (40 mil) PVC coating bonded to exterior
- Pressure-sealing sleeves seal connections

Cat. No.	Color
LBD1100 - _	_
_ = space for color identifier	
G = Gray	
W = White	
B = Blue	
Custom colors also available.	

ORDINARY LBD SERIES CAT. NO.	HAZARDOUS LBH SERIES CAT. NO.	PIPE SIZE IN. METRIC SIZE DESIGNATOR*
LBD1100-	LBH10-	1/2
LBD2200-	LBH20-	16
LBD3300-	LBH30-	21
LBD4400-	LBH40-	1
LBD5500-	LBH50-	27
LBD6600-	LBH60-	1 1/4
LBD7700-	LBH70-	35
LBD8800-	LBH80-	41
LBD9900-	LBH90-	1 1/2
LBD10900-	LBH100-	41
LBD012-	-	2
LBD014-	-	53
LBD012-	-	2 1/2
LBD014-	-	63
LBD012-	-	3
LBD014-	-	78
LBD012-	-	3 1/2
LBD014-	-	91
LBD012-	-	4
LBD014-	-	103
LBD012-	-	5
LBD014-	-	129
LBD012-	-	6
LBD014-	-	15

* Metric size designator (ANSI C80.1-1994)

Ocal Corrosion Protection for Electrical Conduit and Fittings



BC3-G Mogul



BLB4-G Mogul



BUB3-G Mogul

Cat. No.	Color
BC3 - _	_
_ = space for color identifier	
G = Gray	
W = White	
B = Blue	
Custom colors also available.	

OCAL-BLUE Double-Coat Mogul Fittings

Install mogul fittings in conduit systems to act as pull outlets for conductors that are stiff due to large size or type of installation, to provide the longer openings needed when pulling large conductors, to prevent sharp bends and kinks in large conductors or to provide more splicing space.

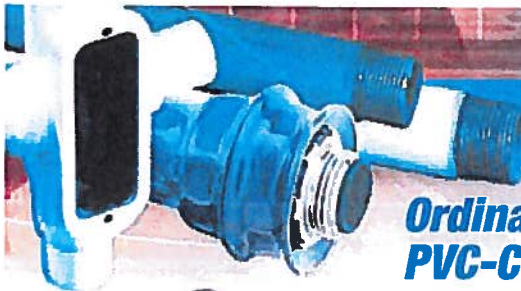
- Nominal .002" (2 mil) blue urethane on both interior and exterior
- Nominal .040" (40 mil) PVC coating bonded to exterior
- Pressure-sealing sleeves protect connections



BG48-G Replacement Cover

MOGUL FITTING WITH COVER AND GASKET				REPLACEMENT COVER BG	PIPE SIZE IN. METRIC SIZE DESIGNATOR*
BC CAT. NO.	BLB CAT. NO.	BUB CAT. NO.	BT CAT. NO.	CAT. NO.	
BC3-	BLB3-	BUB3-	BT3-	BG48-	1
BC4-	BLB4-	BUB4-	BT4-	BG48-	27
BC5-	BLB5-	BUB5-	BT5-	BG68-	1 1/4
BC6-	BLB6-	BUB6-	BT6-	BG68-	35
BC7-	BLB7-	BUB7-	BT7-	BG88-	41
BC8-	BLB8-	BUB8-	BT8-	BG88-	2
BC9-	BLB9-	BUB9-	BT9-	BG98-	53
BC10-	BLB10-	BUB10-	BT10-	BG98-	1 1/2
					41
					63
					2 1/2
					63
					3
					78
					3 1/2
					91
					4
					103

* Metric size designator (ANSI C80.1-1994)



Ocal®

**Ordinary Location Fittings —
PVC-Coated Erickson® Couplings**

Join two conduit runs when neither can rotate!

**OCAL-BLUE Double-Coat
Threaded Erickson® 3-Piece Coupling**



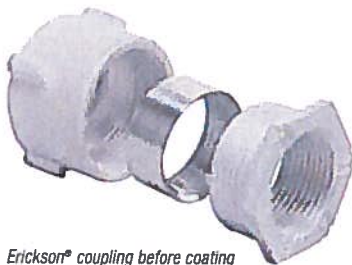
ERICSON3/4-G



ERICSON1-G

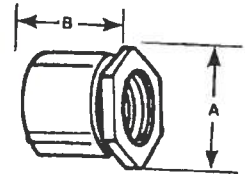


ERICSON3/4-G unassembled



Erickson® coupling before coating

- Malleable iron and steel or copper-free aluminum
- Nominal .002" (2 mil) blue urethane coating on both interior and exterior
- Nominal .040" (40 mil) PVC coating bonded to exterior
- Free fitting threads ensure easy assembly
- Provides rigid in-line coupling with high-quality grounding — won't loosen under vibration
- Suitable for concrete-tight applications



STEEL/ MALLEABLE IRON CAT. NO.	COPPER- FREE ALUMINUM CAT. NO.	PIPE SIZE IN. METRIC SIZE DESIGNATOR*	DIMENSIONS IN. MM	
			A	B
ERICSON1/2-	ERICSON1/2SA-	1/2	1.47	1.25
		16	37.34	31.75
ERICSON3/4-	ERICSON3/4SA-	3/4	1.56	1.41
		21	39.62	35.81
ERICSON1-	ERICSON1SA-	1	1.91	1.63
		27	48.51	41.40
ERICSON11/4-	ERICSON11/4SA-	1 1/4	2.38	1.81
		35	60.45	45.97
ERICSON11/2-	ERICSON11/2SA-	1 1/2	2.63	1.97
		41	66.80	50.04
ERICSON2-	ERICSON2SA-	2	3.22	2.22
		53	81.79	56.39
ERICSON21/2-	ERICSON21/2SA-	2 1/2	3.97	2.69
		63	100.84	68.33
ERICSON3-	ERICSON3SA-	3	4.44	2.91
		78	112.78	73.91
ERICSON31/2-	ERICSON31/2SA-	3 1/2	5.00	3.00
		91	127.00	76.20
ERICSON4-	ERICSON4SA-	4	5.50	3.19
		103	139.70	81.03
ERICSON5-	ERICSON5SA-	5	6.78	3.75
		129	172.21	95.25
ERICSON6-	ERICSON6SA-	6	8.00	4.03
		155	203.20	102.36

* Metric size designator (ANSI C80.1-1994).

Standard Materials / Finish

Cat No. ERICSON

Bushing & CaseMalleable iron
 RingSteel and malleable iron
 FinishNominal 2 mil blue urethane interior
 and exterior coating with nominal
 40 mil PVC exterior coating

Cat. No. ERICSON_SA

Bushing & CaseCopper-free aluminum
 RingCopper-free aluminum
 FinishNominal 2 mil blue urethane interior
 and exterior coating with nominal
 40 mil PVC exterior coating

Cat. No.	Size	Material	Color
ERICSON1/2 _ -			
		Blank = Steel	_ = space for color identifier
		SA = Aluminum	G = Gray
			W = White
			B = Blue
Catalog No. Example:			
ERICSON2SA-B is a 2" aluminum Erickson® coupling coated in blue PVC.			
Custom colors also available.			



Specifications For: Gafco Green™ Polymer Coated Galvanized Conduit and Fittings

1. All conduit prior to coating shall conform to: Federal Specification WW-C-581E, ANSI specification C80.1 and UL 6.
2. The conduit shall be "Hot Dipped" galvanized inside and out with hot dipped galvanized threads. The zinc coating shall be intact, **after coating** with Gafco Green™, and shall not impede electrical ground conductivity or the known migratory corrosive resistance of the zinc underlayment.
3. Conduits shall be investigated by Underwriters Laboratories for zinc as the primary corrosion resistant coating. Each full length conduit shall be provided with a coated-in-place coupling attached.
4. **UV:** The internal lining and external coatings shall use environmentally advanced, **UV resistant** coatings that contain no VOC's, or other hazardous components; specifically, no reactive ingredients, phthalates, halogens, isocyanates, or heavy metals. Additionally, after a minimum of seven years exposure to Florida sun, the external coating shall be essentially inert to UV exposure as to appearance and structural integrity. See Note 2 below, test still running as to UV durability at the Florida location.
5. The exterior of the conduit shall meet the description of item 4 above, and in addition, the exterior coating shall comply with flammable toxicity requirements for tunnels, bridges, rail cars, ships, Class A buildings, for the United States, France, and the United Kingdom. For example, in complying with NF C20-453 for use in France, it was determined that the corrosiveness of the fumes from the combustion of Gafco Green™ coating created a pH of 4.6, which is a pH common to that of bananas and mangos. See Note 1, below, for all registered compliance certificates.
6. The Gafco Green™ coated conduit shall be bendable without damage to either interior or exterior coating.
7. A .002" (2 mils) nominal thickness coating of shall be applied to the interior of the conduit to reduce drag coefficient and reduce wire pulling resistance and damage.
8. A .040" (40 mils) nominal thickness of coating of shall be applied to the exterior of all fittings and conduit bodies.
9. Stainless steel screws shall be supplied with all form 7 and form 8 fittings.
10. All hubs on fittings and couplings shall have a sleeve extending one pipe diameter or 2 inches, whichever is less. The I.D. of the sleeve to be equal to the O.D. of the uncoated pipe.
11. The bond between the coatings and the metal shall be greater than the tensile strength of the coatings.
12. The exterior coating shall be completely "**field repairable**" without production of VOC's, toxic gas or fumes, to a near factory condition with tools now commonly used in the trades; heat guns, gas torches, and similar. **NO SOLVENTS NEED BE USED IN REPAIR OF THE EXTERIOR COATING**
13. The exterior coating shall be field washable as to the removal of dried, painted on Graffiti or other similar surface disfigurements of the coating. All structural surface scaring and damage shall be heat-only repairable pursuant to 12 above. See repair video at: <http://gafcogreen.com/gafco-green-difference.php>.

GRC Specification Sheet

Page 11

Gafco Green Features

- 40 mil Polyolefin exterior coating
- 2 mil thermoset plastic interior
- sealing boots for conduit
- No VOCs • No Halogens
- Meets or Exceeds NEMA RN-1

UL Standard 6

UL Standard 514B

Conforms to:

ASTM D870

ASTM D1151

ASTM D3359

ASTM D1308



GRC SPECIFICATION SHEET

PIPE SIZE	CATALOG #	ID. INCHES	OD. Inches	WEIGHT PER/C
1/2"	COND50GG	0.629	0.870	86
3/4"	COND75GG	0.834	1.080	111
1"	COND100GG	1.061	1.345	163
1-1/4"	COND125GG	1.392	1.630	215
1-1/2"	COND150GG	1.622	1.930	262
2"	COND200GG	2.081	2.405	354
2-1/2"	COND250GG	2.487	2.805	542
3"	COND300GG	3.088	3.530	705
3-1/2"	COND350GG	3.568	4.030	847
4"	COND400GG	4.048	4.530	999
5"	COND500GG	5.071	5.593	1332
6"	COND600GG	6.091	6.655	1989

Aluminum Rigid Conduit

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Gafco Green Features

- 30 mil Polyolefin exterior coating
 - 2 mil thermoset plastic interior
 - No VOCs • No Halogens
- UL Specification UL 6A



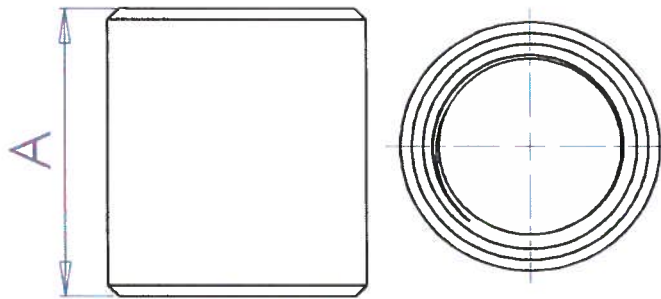
GRC SPECIFICATION SHEET

PIPE SIZE	CATALOG #	ID. INCHES	OD. Inches	WEIGHT PER/C
1/2"	ALCOND50	0.622	0.870	29.2
3/4"	ALCOND75	0.824	1.080	39.3
1"	ALCOND100	1.049	1.345	56.5
1-1/4"	ALCOND125	1.380	1.690	73.6
1-1/2"	ALCOND150	1.610	1.930	91.7
2"	ALCOND200	2.067	2.405	122.5
2-1/2"	ALCOND250	2.469	2.905	191.1
3"	ALCOND300	3.068	3.530	248.7
3-1/2"	ALCOND350	3.548	4.030	299.6
4"	ALCOND400	4.026	4.530	355.1
5"	ALCOND500	5.047	5.593	484.8
6"	ALCOND600	6.065	6.655	641.2

Couplings Specification Sheet

Gafco Green Features

- 40 mil Polyolefin exterior coating
 - sealing boots for conduit
 - No VOCs • No Halogens
- UL Specification UL-6**
- Meets or Exceeds NEMA RN-1



COATED COUPLINGS SPECIFICATION SHEET			
PIPE SIZE	CATALOG #	OD. INCHES	WEIGHT
1/2"	CPL50GG	1.244	18
3/4"	CPL75GG	1.251	30
1"	CPL100GG	1.771	38
1-1/4"	CPL125GG	2.146	47
1-1/2"	CPL150GG	2.459	66
2"	CPL200GG	2.959	89
2-1/2"	CPL250GG	3.584	118
3"	CPL300GG	4.239	211
3-1/2"	CPL350GG	4.865	413
4"	CPL400GG	5.239	384
5"	CPL500GG	6.069	541
6"	CPL600GG	7.269	872

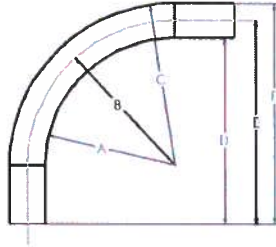
Elbow Specification Sheet

Gafco Green Features

- 40 mil Polyolefin exterior coating
- 2 mil thermoset plastic interior
- No VOCs • No Halogens

UL Specification UL-6

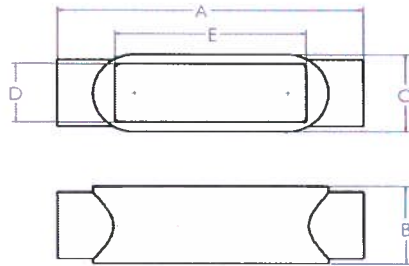
- Meets or Exceeds NEMA RN-1



COATED STANDARD RADIUS ELBOWS

PIPE SIZE	CATALOG #	A	B	C	D	E	F	Tangent
1/2"	ELL50GG	3.79"	4.25"	4.71"	6.040"	6.500"	6.960"	2.250"
3/4"	ELL75GG	3.94"	4.50"	5.07"	6.685"	7.250"	7.815"	2.750"
1"	ELL100GG	5.05"	5.75"	6.45"	7.928"	8.625"	9.323"	2.875"
1-1/4"	ELL125GG	6.38"	7.25"	8.12"	9.567"	10.437"	11.307"	3.187"
1-1/2"	ELL150GG	7.26"	8.25"	9.24"	10.635"	11.625"	12.615"	3.375"
2"	ELL200GG	8.27"	9.50"	10.73"	12.086"	13.313"	14.541"	3.813"
2-1/2"	ELL250GG	9.02"	10.50"	11.98"	14.776"	16.253"	17.731"	5.753"
3"	ELL300GG	11.21"	13.00"	14.79"	17.000"	18.790"	20.580"	5.790"
3-1/2"	ELL350GG	12.96"	15.00"	17.04"	20.920"	22.960"	25.000"	7.960"
4"	ELL400GG	13.71"	16.00"	18.29"	20.890"	23.180"	25.470"	7.180"
5"	ELL500GG	21.18"	24.00"	26.82"	32.079"	34.900"	37.722"	10.900"
6"	ELL600GG	26.65"	30.00"	33.35"	41.088"	44.440"	47.793"	14.440"

Conduit Bodies Form 35 Specification Sheet



Gafco Green Features

- 40 mil Polyolefin exterior coating
 - 2 ml thermoset plastic interior
 - sealing boots for conduit
 - No VOCs • No Halogens
- UL Standard 514B**



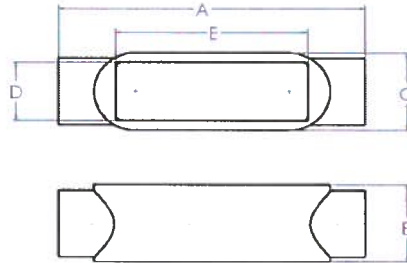
FORM 35 - C

PIPE SIZE	CATALOG #	A	B	C	D	E
1/2"	C1GG	6.38	1.42	1.46	0.94	3.19
3/4"	C2GG	7.49	1.67	1.64	1.13	3.81
1"	C3GG	8.99	1.92	1.83	1.38	4.49
1-1/4"	C4GG	9.94	2.35	2.27	1.75	5.01
1-1/2"	C5GG	11.19	2.59	2.52	1.94	5.44
2"	C6GG	11.19	3.17	3.08	2.44	6.38
2-1/2"	C7GG	13.99	3.67	4.33	3.56	8.38
3"	C8GG	14.25	4.42	4.33	3.56	8.38
3-1/2"	C9GG	16.45	5.25	5.31	4.49	10.25
4"	C10GG	16.45	5.25	5.31	4.49	10.31

FORM 35 - LB

PIPE SIZE	CATALOG #	A	B	C	D	E
1/2"	LB1GG	5.1	2.29	1.42	0.95	3.19
3/4"	LB2GG	5.98	2.54	1.61	1.13	3.81
1"	LB3GG	7.04	2.92	1.79	1.38	4.49
1-1/4"	LB4GG	7.79	3.35	2.23	1.75	4.99
1-1/2"	LB5GG	8.67	3.73	2.48	1.94	5.44
2"	LB6GG	10.17	4.29	3.04	2.44	6.38
2-1/2"	LB7GG	12.54	5.17	4.29	3.56	8.38
3"	LB8GG	12.54	5.92	4.29	3.56	8.38
3-1/2"	LB9GG	14.73	6.59	5.29	4.49	10.25
4"	LB10GG	14.73	7.09	5.29	4.49	10.325

Conduit Bodies Form 35 Specification Sheet



Gafco Green Features

- 40 mil Polyolefin exterior coating
 - 2 mil thermoset plastic interior
 - sealing boots for conduit
 - No VOCs • No Halogens
- UL Standard 514B**



FORM 35 - LL

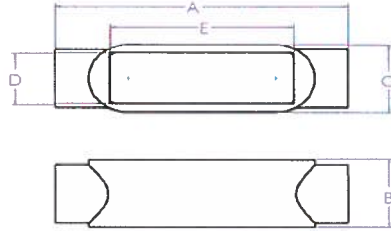
PIPE SIZE	CATALOG #	A	B	C	D	E
1/2"	LL1GG	5.11	1.42	2.29	0.94	3.19
3/4"	LL2GG	5.98	1.67	2.48	1.13	3.81
1"	LL3GG	7.04	1.92	2.79	1.38	4.49
1-1/4"	LL4GG	7.79	2.35	3.23	1.75	4.99
1-1/2"	LL5GG	8.67	2.59	3.61	1.94	5.44
2"	LL6GG	10.17	3.17	4.17	2.44	6.38
2-1/2"	LL7GG	12.54	3.67	5.79	3.56	8.38
3"	LL8GG	12.54	4.42	5.79	3.56	8.38
3-1/2"	LL9GG	14.73	4.92	6.98	4.51	10.25
4"	LL10GG	14.73	5.42	6.98	4.51	10.25

FORM 35 - LR

PIPE SIZE	CATALOG #	A	B	C	D	E
1/2"	LR1GG	5.11	1.42	2.29	0.94	3.19
3/4"	LR2GG	5.98	1.67	2.48	1.13	3.81
1"	LR3GG	7.04	1.92	2.79	1.38	4.49
1-1/4"	LR4GG	7.79	2.35	3.23	1.75	4.99
1-1/2"	LR5GG	8.67	2.59	3.61	1.94	5.44
2"	LR6GG	10.17	3.17	4.17	2.44	6.38
2-1/2"	LR7GG	12.54	3.67	5.79	3.56	8.38
3"	LR8GG	12.54	4.42	5.79	3.56	8.38
3-1/2"	LR9GG	14.73	4.92	6.98	4.51	10.25
4"	LR10GG	14.73	5.42	6.98	4.51	10.25

Conduit Bodies Form 35 Specification Sheet

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Gafco Green Features

- 40 mil Polyolefin exterior coating
 - 2 mil thermoset plastic interior
 - sealing boots for conduit
 - No VOCs • No Halogens
- UL Standard 514B**



FORM 35 - T

PIPE SIZE	CATALOG #	A	B	C	D	E
1/2"	T1GG	6.63	1.79	2.48	0.94	3.19
3/4"	T2GG	7.75	2.04	2.68	1.13	3.81
1"	T3GG	9.25	2.29	3.04	1.38	4.49
1-1/4"	T4GG	9.94	2.35	3.23	1.75	4.99
1-1/2"	T5GG	11.19	2.59	3.59	1.94	5.44
2"	T6GG	13.19	3.17	4.17	2.44	6.38
2-1/2"	T7GG	15.99	3.67	5.79	3.56	8.38
3"	T8GG	16.06	4.42	5.79	3.56	8.38
3-1/2"	T9GG	18.31	4.92	6.98	4.51	10.25
4"	T10GG	18.31	5.42	6.98	4.51	10.25

FORM 35 - TB

PIPE SIZE	CATALOG #	A	B	C	D	E
1/2"	TB1GG	6.63	1.79	2.48	0.94	3.19
3/4"	TB2GG	7.75	2.04	2.68	1.13	3.81
1"	TB3GG	9.25	2.29	3.04	1.38	4.49
1-1/4"	TB4GG	9.94	2.35	3.23	1.75	4.99
1-1/2"	TB5GG	11.19	2.59	3.59	1.94	5.44
2"	TB6GG	13.19	3.17	4.17	2.44	6.38

FORM 35 - X

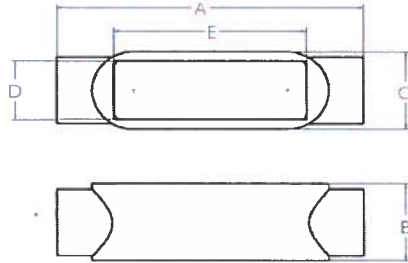
PIPE SIZE	CATALOG #	A	B	C	D	E
1/2"	X1GG	6.63	3.35	1.79	0.94	3.19
3/4"	X2GG	7.75	3.54	2.04	1.13	3.81
1"	X3GG	9.25	4.04	2.29	1.38	4.49
1-1/4"	X4GG	9.94	4.17	2.35	1.75	4.99
1-1/2"	X5GG	11.19	4.67	2.59	1.94	5.44
2"	X6GG	13.19	5.23	3.17	2.44	6.38

Conduit Bodies Form 7 Specification Sheet

Gafco Green Features

- 40 mil Polyolefin exterior coating
- 2 mil thermoset plastic interior
- sealing boots for conduit
- No VOCs • No Halogens

UL Standard 514B



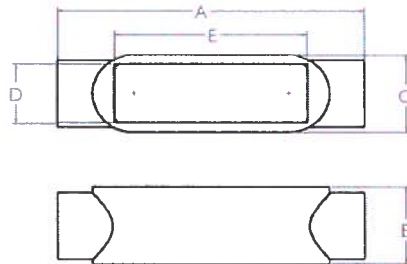
FORM 7 - C

PIPE SIZE	CATALOG #	A	B	C	D	E
1/2"	C17GG	6.38	1.42	1.46	0.94	3.19
3/4"	C27GG	7.49	1.67	1.64	1.13	3.81
1"	C37GG	8.99	1.92	1.83	1.38	4.49
1-1/4"	C47GG	9.94	2.35	2.27	1.75	5.01
1-1/2"	C57GG	11.19	2.59	2.52	1.94	5.44
2"	C67GG	11.19	3.17	3.08	2.44	6.38
2-1/2"	C77GG	13.99	3.67	4.33	3.56	8.38
3"	C87GG	14.25	4.42	4.33	3.56	8.38

FORM 7 - LB

PIPE SIZE	CATALOG #	A	B	C	D	E
1/2"	LB17GG	5.1	2.29	1.42	0.95	3.19
3/4"	LB27GG	5.98	2.54	1.61	1.13	3.81
1"	LB37GG	7.04	2.92	1.79	1.38	4.49
1-1/4"	LB47GG	7.79	3.35	2.23	1.75	4.99
1-1/2"	LB57GG	8.67	3.73	2.48	1.94	5.44
2"	LB67GG	10.17	4.29	3.04	2.44	6.38
2-1/2"	LB77GG	12.54	5.17	4.29	3.56	8.38
3"	LB87GG	12.54	5.92	4.29	3.56	8.38
3-1/2"	LB97GG	14.73	6.59	5.29	4.49	10.25
4"	LB107GG	14.73	7.09	5.29	4.49	10.325

Conduit Bodies Form 7 Specification Sheet



Gafco Green Features

- 40 mil Polyolefin exterior coating
- 2 mil thermoset plastic interior
- sealing boots for conduit
- No VOCs • No Halogens

UL Standard 514B



FORM 7 - LL

PIPE SIZE	CATALOG #	A	B	C	D	E
1/2"	LL17GG	5.11	1.42	2.29	0.94	3.19
3/4"	LL27GG	5.98	1.67	2.48	1.13	3.81
1"	LL37GG	7.04	1.92	2.79	1.38	4.49
1-1/4"	LL47GG	7.79	2.35	3.23	1.75	4.99
1-1/2"	LL57GG	8.67	2.59	3.61	1.94	5.44
2"	LL67GG	10.17	3.17	4.17	2.44	6.38
2-1/2"	LL77GG	12.54	3.67	5.79	3.56	8.38
3"	LL87GG	12.54	4.42	5.79	3.56	8.38
3-1/2"	LL97GG	14.73	4.92	6.98	4.51	10.25
4"	LL107GG	14.73	5.42	6.98	4.51	10.25

FORM 7 - LR

PIPE SIZE	CATALOG #	A	B	C	D	E
1/2"	LR17GG	5.11	1.42	2.29	0.94	3.19
3/4"	LR27GG	5.98	1.67	2.48	1.13	3.81
1"	LR37GG	7.04	1.92	2.79	1.38	4.49
1-1/4"	LR47GG	7.79	2.35	3.23	1.75	4.99
1-1/2"	LR57GG	8.67	2.59	3.61	1.94	5.44
2"	LR67GG	10.17	3.17	4.17	2.44	6.38
2-1/2"	LR77GG	12.54	3.67	5.79	3.56	8.38
3"	LR87GG	12.54	4.42	5.79	3.56	8.38
3-1/2"	LR97GG	14.73	4.92	6.98	4.51	10.25
4"	LR107GG	14.73	5.42	6.98	4.51	10.25

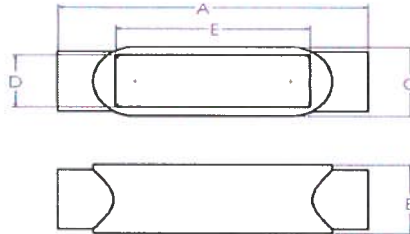
Conduit Bodies Form 7 Specification Sheet

Page 20

Gafco Green Features

- 40 mil Polyolefin exterior coating
- 2 mil thermoset plastic interior
- sealing boots for conduit
- No VOCs • No Halogens

UL Standard 514B



FORM 7 - T

PIPE SIZE	CATALOG #	A	B	C	D	E
1/2"	T17GG	6.63	1.79	2.48	0.94	3.19
3/4"	T27GG	7.75	2.04	2.68	1.13	3.81
1"	T37GG	9.25	2.29	3.04	1.38	4.49
1-1/4"	T47GG	9.94	2.35	3.23	1.75	4.99
1-1/2"	T57GG	11.19	2.59	3.59	1.94	5.44
2"	T67GG	13.19	3.17	4.17	2.44	6.38
2-1/2"	T77GG	15.99	3.67	5.79	3.56	8.38
3"	T87GG	16.06	4.42	5.79	3.56	8.38
3-1/2"	T97GG	18.31	4.92	6.98	4.51	10.25
4"	T107GG	18.31	5.42	6.98	4.51	10.25

FORM 7 - TB

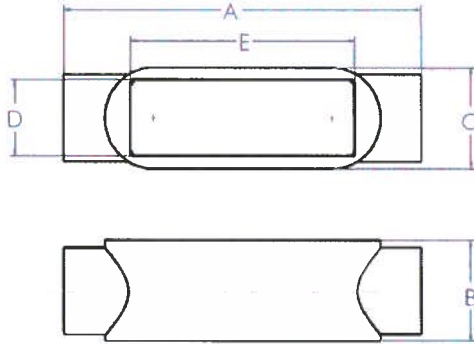
PIPE SIZE	CATALOG #	A	B	C	D	E
1/2"	TB17GG	6.63	1.79	2.48	0.94	3.19
3/4"	TB27GG	7.75	2.04	2.68	1.13	3.81
1"	TB37GG	9.25	2.29	3.04	1.38	4.49
1-1/4"	TB47GG	9.94	2.35	3.23	1.75	4.99
1-1/2"	TB57GG	11.19	2.59	3.59	1.94	5.44
2"	TB67GG	13.19	3.17	4.17	2.44	6.38

Conduit Bodies Form 7 Specification Sheet

Gafco Green Features

- 40 mil Polyolefin exterior coating
- 2 mil thermoset plastic interior
- sealing boots for conduit
- No VOCs • No Halogens

UL Standard 514B

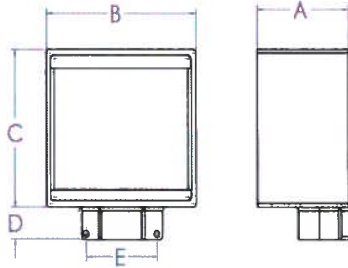


FORM 7 - X

PIPE SIZE	CATALOG #	A	B	C	D	E
1/2"	X17GG	6.63	3.35	1.79	0.94	3.19
3/4"	X27GG	7.75	3.54	2.04	1.13	3.81
1"	X37GG	9.25	4.04	2.29	1.38	4.49
1-1/4"	X47GG	9.94	4.17	2.35	1.75	4.99
1-1/2"	X57GG	11.19	4.67	2.59	1.94	5.44
2"	X67GG	13.19	5.23	3.17	2.44	6.38

FS Cast Device Box Specification Sheet

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Gafco Green Features

- 40 mil Polyolefin exterior coating
 - 2 mil thermoset plastic interior
 - sealing boots for conduit
 - No VOCs • No Halogens
- UL Standard 514A**



FS SERIES 1-GANG DEAD END

PIPE SIZE	CATALOG #	A	B	C	D	WEIGHT
1/2"	FS1GG	1.38	1.92	1.69	0.67	2.2
3/4"	FS2GG	1.63	1.92	1.69	0.79	2.4
1"	FS3GG	2	1.92	1.69	0.92	2.7

FS SERIES 2-GANG DEAD END

PIPE SIZE	CATALOG #	A	B	C	D	WEIGHT
1/2"	FS12GG	1.38	1.92	2.69	0.67	3.2
3/4"	FS22GG	1.63	1.92	2.69	0.79	3.3
1"	FS32GG	2	1.92	2.69	0.92	3.5

FSC SERIES 1-GANG FEED THRU

PIPE SIZE	CATALOG #	A	B	C	D	WEIGHT
1/2"	FSC1GG	1.38	1.92	1.69	0.67	2.2
3/4"	FSC2GG	1.63	1.92	1.69	0.79	2.4
1"	FSC3GG	2	1.92	1.69	0.92	2.7

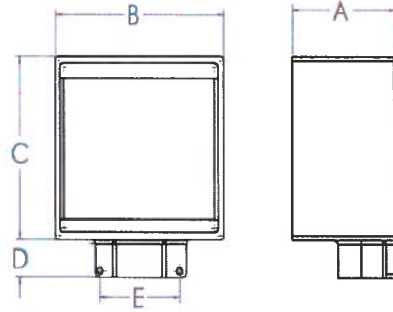
FSCC SERIES 1-GANG FEED THRU

PIPE SIZE	CATALOG #	A	B	C	D	WEIGHT
1/2"	FS1GG	1.38	1.92	1.69	0.67	2.2
3/4"	FS2GG	1.63	1.92	1.69	0.79	2.4

FSC SERIES 2-GANG FEED THRU

PIPE SIZE	CATALOG #	A	B	C	D	WEIGHT
1/2"	FSC12GG	1.38	1.92	2.69	0.67	3.2
3/4"	FSC222GG	1.63	1.92	2.69	0.79	3.3
1"	FSC32GG	2	1.92	2.69	0.92	3.5

FS Cast Device Box Specification Sheet



Gafco Green Features

- 40 mil Polyolefin exterior coating
 - 2 mil thermoset plastic interior
 - sealing boots for conduit
 - No VOCs • No Halogens
- UL Standard 514A**



FSD SERIES

PIPE SIZE	CATALOG #	A	B	C	D	WEIGHT
3/4"	FSD212GG	1.63	1.92	2.69	0.79	2.5

FSL SERIES

PIPE SIZE	CATALOG #	A	B	C	D	WEIGHT
1/2"	FSL1GG	1.38	1.92	2.69	0.67	2.5
3/4"	FSL2GG	1.63	1.92	2.69	0.79	2.7

FSR SERIES

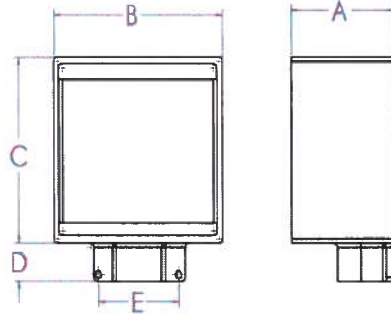
PIPE SIZE	CATALOG #	A	B	C	D	WEIGHT
1/2"	FSR1GG	1.38	1.92	2.69	0.67	2
3/4"	FSR2GG	1.63	1.92	2.69	0.79	2.2

FSCT SERIES 1-GANG FEED THRU

PIPE SIZE	CATALOG #	A	B	C	D	WEIGHT
1/2"	FSCT1GG	1.38	1.92	2.69	0.67	3.2
3/4"	FSCW2GG	1.63	1.92	2.69	0.79	3.3
1"	FSCT3GG	2	1.92	2.69	0.92	3.5

FD Cast Device Box Specification Sheet

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Gafco Green Features

- 40 mil Polyolefin exterior coating
- 2 mil thermoset plastic interior
- sealing boots for conduit
- No VOCs • No Halogens

UL Standard 514A



FD SERIES 1-GANG DEAD END

PIPE SIZE	CATALOG #	A	B	C	D	WEIGHT
1/2"	FD1GG	1.38	1.92	2.69	0.67	2.7
3/4"	FD2GG	1.63	1.92	2.69	0.79	2.8
1"	FD3GG	2	1.92	2.69	0.92	3.1

FD SERIES 2-GANG DEAD END

PIPE SIZE	CATALOG #	A	B	C	D	WEIGHT
1/2"	FD12GG	1.38	1.92	2.69	0.67	3.2
3/4"	FD22GG	1.63	1.92	2.69	0.79	3.3
1"	FD32GG	2	1.92	2.69	0.92	3.5

FDC SERIES 1-GANG FEED THRU

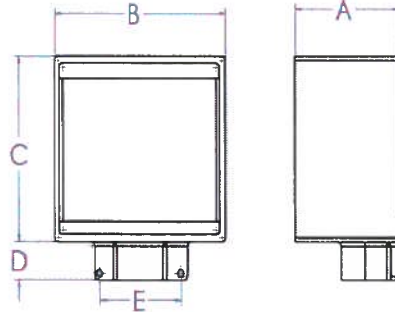
PIPE SIZE	CATALOG #	A	B	C	D	WEIGHT
1/2"	FDC1GG	1.38	1.92	1.69	0.67	2.7
3/4"	FDC2GG	1.63	1.92	1.69	0.79	2.8
1"	FDC3GG	2	1.92	1.69	0.92	3.1

FDCC SERIES 1-GANG FEED THRU

PIPE SIZE	CATALOG #	A	B	C	D	WEIGHT
1/2"	FDCC1GG	1.38	1.92	1.69	0.67	2
3/4"	FDCC2GG	1.63	1.92	1.69	0.79	2.2

FD Cast Device Box Specification Sheet

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Gafco Green Features

- 40 mil Polyolefin exterior coating
 - 2 mil thermoset plastic interior
 - sealing boots for conduit
 - No VOCs • No Halogens
- UL Standard 514A**



FDC SERIES 2-GANG FEED THRU

PIPE SIZE	CATALOG #	A	B	C	D	WEIGHT
1/2"	FDC12GG	1.38	1.92	2.69	0.67	3.2
3/4"	FDC222GG	1.63	1.92	2.69	0.79	3.3
1"	FDC32GG	2	1.92	2.69	0.92	3.5

FDL SERIES

PIPE SIZE	CATALOG #	A	B	C	D	WEIGHT
1/2"	FDL1GG	1.38	1.92	2.69	0.67	3.1
3/4"	FDL2GG	1.63	1.92	2.69	0.79	3.3

FDR SERIES

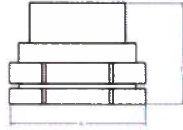
PIPE SIZE	CATALOG #	A	B	C	D	WEIGHT
1/2"	FDR1GG	1.38	1.92	2.69	0.67	3.2
3/4"	FDR2GG	1.63	1.92	2.69	0.79	3.3

FDCT SERIES 1-GANG FEED THRU

PIPE SIZE	CATALOG #	A	B	C	D	WEIGHT
1/2"	FDCT1GG	1.38	1.92	2.69	0.67	3.1
3/4"	FDCT2GG	1.63	1.92	2.69	0.79	3.4
1"	FDCT3GG	2	1.92	2.69	0.92	3.9

Conduit Union Specification Sheet

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Gafco Green Features

- 40 mil Polyolefin exterior coating
- sealing boots for conduit
- No VOCs • No Halogens

Class I, Div. 1 & 2, Groups C,D
 Class II, Div. 1 & 2, Groups E,F,G
 UL Standard 886



UNF - FEMALE / FEMALE

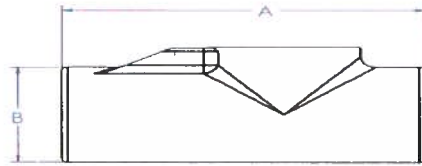
PIPE SIZE	CATALOG #	A	B	WEIGHT
1/2"	UNF105GG	3.38	1.58	0.4
3/4"	UNF205GG	3.94	1.89	0.7
3/4"-1/2"	UNF215GG	3.69	1.89	0.8
1"	UNF305GG	4.75	1.96	1.3
1-1/4"	UNF405GG	5.69	2.83	2.6
1-1/2"	UNF505GG	6.56	3.14	3.9
2"	UNF605GG	7.75	3.89	4.2
2-1/2"	UNF705GG	8.63	4.39	5.5
3"	UNF805GG	9.01	5.14	7.5
3-1/2"	UNF905GG	9.49	5.77	8.4
4"	UNF1005GG	9.63	6.27	10.5
5"	UNF012GG	9.25	8.27	12
6"	UNF014GG	9.38	9.39	14.9

UNY - MALE / FEMALE

PIPE SIZE	CATALOG #	A	B	WEIGHT
1/2"	UNY105GG	3.38	1.58	0.4
3/4"	UNY205GG	3.94	1.89	0.7
3/4"-1/2"	UNY215GG	3.69	1.89	0.8
1"	UNY305GG	4.75	1.96	1.3
1-1/4"	UNY405GG	5.69	2.83	2.6
1-1/2"	UNY505GG	6.56	3.14	3.9
2"	UNY605GG	7.75	3.89	4.2
2-1/2"	UNY705GG	8.63	4.39	5.5
3"	UNY805GG	9.01	5.14	7.5
3-1/2"	UNY905GG	9.49	5.77	8.4
4"	UNY1005GG	9.63	6.27	10.5
5"	UNY012GG	9.25	8.27	12
6"	UNY014GG	9.38	9.39	14.9

Sealing Fittings Specification Sheet

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Gafco Green Features

- 25 mil thermoplastic coating
- sealing boots for conduit
- No VOCs • No Halogens

Series ENY thru EYD

National Electrical Code

Class I, Div. 1 & 2, Groups C,D

Class II, Div. 1 & 2, Groups E,F,G

UL Standard 886



EYS FEMALE HUB - VERTICAL

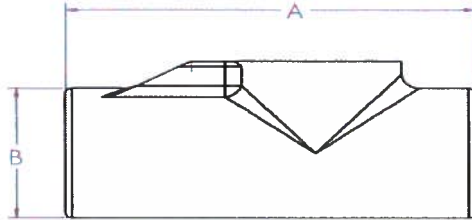
PIPE SIZE	CATALOG #	A	B	WEIGHT
1/2"	EYS1GG	4.7	1.56	1.5
3/4"	EYS2GG	5.8	1.81	2.1
1"	EYS3GG	7.08	2.25	2.7
1-1/4"	EYS4GG	8.8	3.06	3.7
1-1/2"	EYS5GG	9.31	3.06	4.6
2"	EYS6GG	12.51	4.31	6.8
2-1/2"	EYS7GG	13.21	4.81	7.7
3"	EYS8GG	13.76	5.31	8.8
3-1/2"	EYS9GG	15.04	6.56	9.8
4"	EYS10GG	15.04	6.56	10.6

EYS MALE / FEMALE HUB - VERTICAL & HORIZONTAL

PIPE SIZE	CATALOG #	A	B	WEIGHT
1/2"	EYS116GG	5.2	1.31	1.5
3/4"	EYS216GG	5.2	1.57	2.2
1"	EYS316GG	6.32	1.81	2.7
1-1/4"	EYS46GG	7.57	2.25	2.8
1-1/2"	EYS56GG	8.52	2.51	3.7
2"	EYS66GG	10.27	3.06	5.6
2-1/2"	EYS76GG	11.52	3.56	13.2
3"	EYS86GG	12.52	4.31	13.3
3-1/2"	EYS96GG	13.21	4.81	14.5
4"	EYS106GG	13.76	5.31	26.3

Sealing Fittings Specification Sheet

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Gafco Green Features

- 40 mil Polyolefin exterior coating
- sealing boots for conduit
- No VOCs • No Halogens

Series ENY thru EYD

National Electrical Code

Class I, Div. 1 & 2, Groups C,D

Class II, Div. 1 & 2, Groups E,F,G

UL Standard 886



EYS MALE / FEMALE - VERTICAL

PIPE SIZE	CATALOG #	A	B	WEIGHT
1/2"	EYS16GG	4.77	1.31	1.5
3/4"	EYS26GG	5.24	1.57	2.2
1"	EYS36GG	6.32	1.81	2.4

EYS FEMALE - VERTICAL & HORIZONTAL

PIPE SIZE	CATALOG #	A	B	WEIGHT
1/2"	EYS11GG	4.7	1.31	1.3
3/4"	EYS21GG	5.17	1.57	1.1
1"	EYS31GG	6.29	1.81	2.1
1-1/4"	EYS41GG	7.55	2.25	2.9
1-1/2"	EYS51GG	8.51	2.51	3.7
2"	EYS61GG	10.26	3.06	5.4

EYSX EXPANDED FILL FEMALE - VERT. & HORIZONTAL

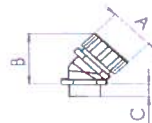
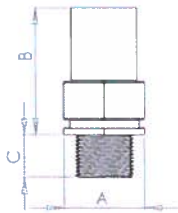
PIPE SIZE	CATALOG #	A	B	WEIGHT
1/2"	EYSX11GG	4.7	1.56	1.5
3/4"	EYSX21GG	5.79	1.81	2.2
1"	EYSX31GG	7.07	2.25	2.7
1-1/4"	EYSX41GG	8.75	3.06	2.8
1-1/2"	EYSX51GG	9.26	3.06	3.7
2"	EYSX61GG	12.51	4.31	5.6
2-1/2"	EYSX71GG	13.21	4.81	7.7
3"	EYSX81GG	13.76	5.31	8.6
3-1/2"	EYSX91GG	15.07	6.56	9.6
4"	EYSX101GG	15.07	6.56	10.5

Liquid Tight Connectors Specification Sheet

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Gafco Green Features

- 40 mil Polyolefin exterior coating
 - sealing boots for conduit
 - No VOCs • No Halogens
- UL Standard 514B**



LIQUID TIGHT STRAIGHT CONNECTORS

PIPE SIZE	CATALOG #	A	B	C	WEIGHT
1/2"	ST50GG	1.24	1.88	0.56	0.2
3/4"	ST75GG	1.46	2.06	0.56	0.2
1"	ST100GG	1.74	2.38	0.56	0.3
1-1/4"	ST125GG	1.96	3.06	0.75	0.4
1-1/2"	ST150GG	2.36	3.75	0.81	0.8
2"	ST200GG	2.8	4.19	0.81	0.9
2-1/2"	ST250GG	3.33	5.06	0.88	1.7
3"	ST300GG	3.83	6.13	1	3
3-1/2"	ST350GG	4.58	6.25	1	4.2
4"	ST400GG	5.58	6.5	1.13	6.2

LIQUID TIGHT 45 DEGREE CONNECTORS

PIPE SIZE	CATALOG #	A	B	C	WEIGHT
1/2"	ST5045GG	1.24	1.94	0.56	0.3
3/4"	ST7545GG	1.46	2.38	0.56	0.3
1"	ST10045GG	1.74	2.88	0.56	0.4
1-1/4"	ST12545GG	1.96	3.25	0.75	0.5
1-1/2"	ST15045GG	2.36	4	0.81	1.5
2"	ST20045GG	2.8	4.88	0.81	1.7
2-1/2"	ST25045GG	3.33	5.88	0.88	2
3"	ST30045GG	3.83	6.25	1	3
3-1/2"	ST35045GG	4.58	6.25	1	4.2
4"	ST40045GG	5.58	6.63	1.13	6.2

Liquid Tight Connectors Specification Sheet

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Gafco Green Features

- 40 mil Polyolefin exterior coating
 - sealing boots for conduit
 - No VOCs • No Halogens
- UL Standard 514B**



LIQUID TIGHT 90 DEGREE CONNECTORS

PIPE SIZE	CATALOG #	A	B	C	WEIGHT
1/2"	ST5090GG	1.24	1.8	0.56	0.3
3/4"	ST7590GG	1.46	2.1	0.56	0.3
1"	ST10090GG	1.74	2.54	0.56	0.4
1-1/4"	ST12590GG	1.96	3.23	0.75	0.5
1-1/2"	ST15090GG	2.36	4.04	0.81	1.5
2"	ST20090GG	2.8	4.48	0.81	1.7
2-1/2"	ST25090GG	3.33	5.48	0.88	2
3"	ST30090GG	3.83	10.92	1	3
3-1/2"	ST35090GG	4.58	12.29	1	4.2
4"	ST40090GG	5.58	14.67	1.13	6.2

LIQUID TIGHT STRAIGHT CONNECTORS W/GRND

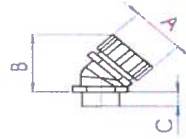
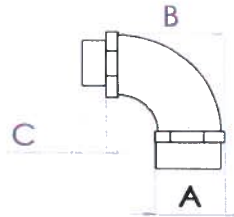
PIPE SIZE	CATALOG #	A	B	C	WEIGHT
1/2"	ST50GGG	1.24	1.88	0.56	0.2
3/4"	ST75GGG	1.46	2.06	0.56	0.2
1"	ST100GGG	1.74	2.38	0.56	0.3
1-1/4"	ST125GGG	1.96	3.06	0.75	0.4
1-1/2"	ST150GGG	2.36	3.75	0.81	0.8
2"	ST200GGG	2.8	4.19	0.81	0.9
2-1/2"	ST250GGG	3.33	5.06	0.88	1.7
3"	ST300GGG	3.83	6.13	1	3
3-1/2"	ST350GGG	4.58	6.25	1	4.2
4"	ST400GGG	5.58	6.5	1.13	6.2

Liquid Tight Connectors Specification Sheet

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Gafco Green Features

- 40 mil Polyolefin exterior coating
 - sealing boots for conduit
 - No VOCs • No Halogens
- UL Standard 514B**



LIQUID TIGHT 45 DEGREE CONNECTORS W/GRND

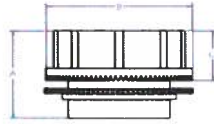
PIPE SIZE	CATALOG #	A	B	C	WEIGHT
1/2"	ST5045GGG	1.24	1.94	0.56	0.3
3/4"	ST7545GGG	1.46	2.38	0.56	0.3
1"	ST10045GGG	1.74	2.88	0.56	0.4
1-1/4"	ST12545GGG	1.96	3.25	0.75	0.5
1-1/2"	ST15045GGG	2.36	4	0.81	1.5
2"	ST20045GGG	2.8	4.88	0.81	1.7
2-1/2"	ST25045GGG	3.33	5.88	0.88	2
3"	ST30045GGG	3.83	6.25	1	3
3-1/2"	ST35045GGG	4.58	6.25	1	4.2
4"	ST40045GGG	5.58	6.63	1.13	6.2

LIQUID TIGHT 90 DEGREE CONNECTORS W/GRND

PIPE SIZE	CATALOG #	A	B	C	WEIGHT
1/2"	ST5090GGG	1.24	1.8	0.56	0.3
3/4"	ST7590GGG	1.46	2.1	0.56	0.3
1"	ST10090GGG	1.74	2.54	0.56	0.4
1-1/4"	ST12590GGG	1.96	3.23	0.75	0.5
1-1/2"	ST15090GGG	2.36	4.04	0.81	1.5
2"	ST20090GGG	2.8	4.48	0.81	1.7
2-1/2"	ST25090GGG	3.33	5.48	0.88	2
3"	ST30090GGG	3.83	10.92	1	3
3-1/2"	ST35090GGG	4.58	12.29	1	4.2
4"	ST40090GGG	5.58	14.67	1.13	6.2

Knockout Hub Specification Sheet

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Gafco Green Features

- 40 mil Polyolefin exterior coating
- sealing boots for conduit
- No VOCs • No Halogens

UL Standard 514B



ST STYLE KNOCKOUT HUBS

PIPE SIZE	CATALOG #	A	B	C	WEIGHT
1/2"	HUB50GG	1.84	2	1.31	0.2
3/4"	HUB75GG	2.22	2.25	1.66	0.3
1"	HUB100GG	2.66	2.5	2.03	0.4
1-1/4"	HUB125GG	2.94	3.25	2.28	0.4
1-1/2"	HUB150GG	3.19	3.5	2.53	0.6
2"	HUB200GG	3.75	4.25	3.09	1.2
2-1/2"	HUB250GG	4.22	4.75	3.28	1.5
3"	HUB300GG	4.31	5.25	3.38	2.1
3-1/2"	HUB350GG	4.38	5.5	3.44	3
4"	HUB400GG	4.44	6.25	3.5	3.5
5"	HUB500GG	4.94	7.5	4	5.4
6"	HUB600GG	5	8.5	4	6.9

STG STYLE KNOCKOUT HUBS W/GRND

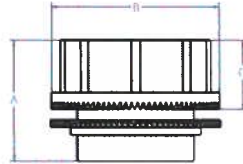
PIPE SIZE	CATALOG #	A	B	C	WEIGHT
1/2"	STG1GG	1.84	2	1.31	0.2
3/4"	STG2GG	2.22	2.25	1.66	0.3
1"	STG3GG	2.66	2.5	2.03	0.4
1-1/4"	STG4GG	2.94	3.25	2.28	0.4
1-1/2"	STG5GG	3.19	3.5	2.53	0.6
2"	STG6GG	3.75	4.25	3.09	1.2
2-1/2"	STG7GG	4.22	4.75	3.28	1.5
3"	STG8GG	4.31	5.25	3.38	2.1
3-1/2"	STG9GG	4.38	5.5	3.44	3
4"	STG10GG	4.44	6.25	3.5	3.5
5"	STG11GG	4.94	7.5	4	5.4
6"	STG12GG	5	8.5	4	6.9

Knockout Hub Specification Sheet

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Gafco Green Features

- 40 mil Polyolefin exterior coating
 - sealing boots for conduit
 - No VOCs • No Halogens
- UL Standard 514B**



STTB STYLE KNOCKOUT HUB THROUGH BULK HEAD

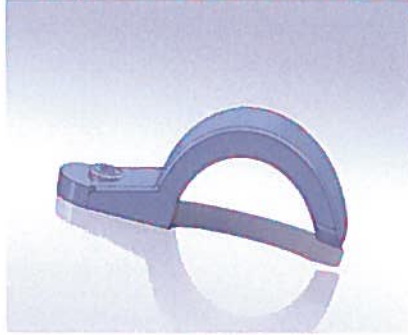
PIPE SIZE	CATALOG #	A	B	D	WEIGHT
1/2"	STTB1GG	1.84	2	3.68	0.5
3/4"	STTB2GG	2.22	2.25	4.44	0.5
1"	STTB3GG	2.66	2.5	5.32	0.7
1-1/4"	STTB4GG	2.94	3.25	5.88	1
1-1/2"	STTB5GG	3.19	3.5	6.38	1.2
2"	STTB6GG	3.75	4.25	7.5	1.7
2-1/2"	STTB7GG	4.22	4.75	8.44	2.5
3"	STTB8GG	4.31	5.25	8.62	3
3-1/2"	STTB9GG	4.38	5.5	8.76	4.2
4"	STTB10GG	4.44	6.25	8.88	5.9

STTTB STYLE KNOCKOUT HUBS UNLIMITED WALL THICKNESS

PIPE SIZE	CATALOG #	A	B	D	WEIGHT
1/2"	STTTB1GG	1.84	2	3.68	1
3/4"	STTTB2GG	2.22	2.25	4.44	1
1"	STTTB3GG	2.66	2.5	5.32	1.4
1-1/4"	STTTB4GG	2.94	3.25	5.88	2
1-1/2"	STTTB5GG	3.19	3.5	6.38	2.4
2"	STTTB6GG	3.75	4.25	7.5	3.4

Pipe Clamps and Clamp Back Specification Sheet

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Gafco Green Features

- 40 mil Polyolefin exterior coating
- No VOCs • No Halogens



1-HOLE PIPE STRAP

PIPE SIZE	CATALOG #	WEIGHT PER/C
1/2"	1HMS50GG	11
3/4"	1HMS75GG	14
1"	1HMS100GG	22
1-1/4"	1HMS125GG	25
1-1/2"	1HMS150GG	36
2"	1HMS200GG	71
2-1/2"	1HMS250GG	111
3"	1HMS300GG	134
3-1/2"	1HMS350GG	166
4"	1HMS400GG	256

CLAMP BACKS

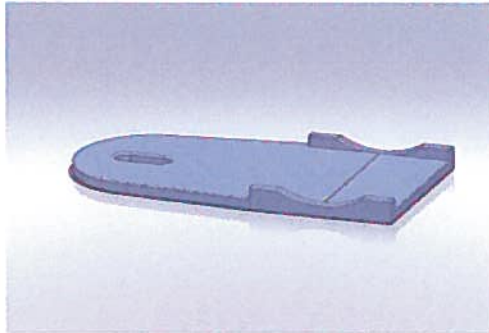
PIPE SIZE	CATALOG #	WEIGHT PER/C
1/2"	CB50GG	10
3/4"	CB75GG	11
1"	CB100GG	12
1-1/4"	CB125GG	20
1-1/2"	CB150GG	24
2"	CB2.0GG	30
2-1/2"	CB250GG	92
3"	CB300GG	170
3-1/2"	CB350GG	200
4"	CB400GG	215

Pipe Clamps and Clamp Back Specification Sheet

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Gafco Green Features

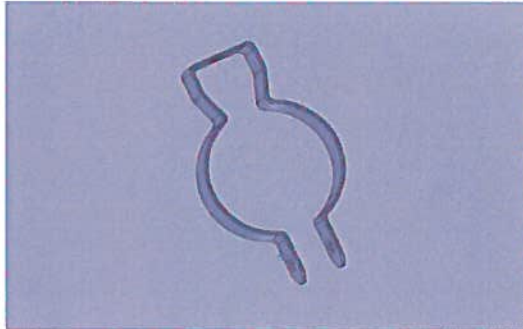
- 40 mil Polyolefin exterior coating
- No VOCs • No Halogens



2-HOLE PIPE STRAP

PIPE SIZE	CATALOG #	WEIGHT PER/C
1/2"	2HS50GG	2
3/4"	2HS75GG	3
1"	2HS100GG	4
1-1/4"	2HS125GG	4.5
1-1/2"	2HS150GG	5
2"	2HS200GG	10
2-1/2"	2HS250GG	13
3"	2HS300GG	17
3-1/2"	2HS350GG	20
4"	2HS400GG	25

Conduit Hangers Specification Sheet



Gafco Green Features

- 40 mil Polyolefin exterior coating
- No VOCs • No Halogens



CONDUIT HANGERS

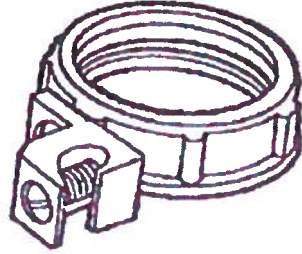
PIPE SIZE	CATALOG #	WEIGHT PER/C
1/2"	MINI50GG	10
3/4"	MINI75GG	11
1"	MINI100GG	13
1-1/4"	MINI125GG	19
1-1/2"	MINI150GG	22
2"	MINI200GG	28
2-1/2"	MINI250GG	38
3"	MINI300GG	47
3-1/2"	MINI350GG	59
4"	MINI400GG	68

STRUT STRAPS

PIPE SIZE	CATALOG #	WEIGHT PER/C
1/2"	SS50GG	18
3/4"	SS75GG	21
1"	SS100GG	22
1-1/4"	SS125GG	25
1-1/2"	SS150GG	27
2"	SS200GG	29
2-1/2"	SS250GG	64
3"	SS300GG	72
3-1/2"	SS350GG	84
4"	SS400GG	138
5"	SS500GG	162

Grounding Bushings with Lay-in Lug

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Gafco Green Features

- Used with locknut to terminate threaded rigid conduit or IMC to enclosure
- 90° C Cu-Al dual rated lay-in lug provided for grounding jumper to neutral bus bar
- Assembled with 150° C rated Nylon insulator to prevent damage to wire insulation during pulling
- Cast of high strength malleable iron and zinc plated
- 40 mil Polyolefin exterior coating

GROUNDING BUSHINGS

CATALOG #	TRADE SIZE	SHIPPING		MIN WIRE SIZE	MAX WIRE SIZE
		QTY	WT./100		
MIGB50L4AC	1/2"	50	8.4	#14	#4
MIGB75L4AC	3/4"	50	9.9	#14	#4
MIGB100L4AC	1"	25	13	#14	#4
MIGB125L4AC	1-1/4"	20	19	#14	#4
MIGB125L10AC	1-1/4"	20	25.1	#14	#1/0
MIGB150L4AC	1-1/2"	20	28	#14	#4
MIGB150L10AC	1-1/2"	20	31.1	#14	#1/0
MIGB200L4AC	2"	10	38	#14	#4
MIGB200L10AC	2"	10	44.3	#14	#1/0
MIGB250L10AC	2-1/2"	5	66.7	#14	#1/0
MIGB250L20AC	2-1/2"	5	73	#6	#250
MIGB300L10AC	3"	5	81.7	#14	#1/0
MIGB300L20AC	3"	5	88	#6	#250
MIGB350L10AC	3-1/2"	5	90	#14	#1/0
MIGB350L20AC	3-1/2"	5	96	#6	#250
MIGB400L10AC	4"	5	113.5	#14	#1/0
MIGB400L20AC	4"	5	126	#6	#250
MIGB500L20AC	5"	1	195	#6	#250
MIGB600L20AC	6"	1	282	#6	#250



Certifications:

UL File No. E88878

CSA File No. LR57925

Galvanized Rigid Special Radius Sweeps

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Galvanized 90° Sweeps

- Dimensional data is for reference only
- NPT thread with end-cap on each end
- Available in GRC, Aluminum, PVC Coated, and Stainless Steel
- Galvanized Rigid Sweeps meet UL6 and ANSI C80.1
- Aluminum Rigid Sweeps meet UL6A and ANSI C80.5
- Stainless Steel Rigid Sweeps meet UL6A

A	RADIUS								
	12"				15"				
	Size	Item No	B	T	Wt.	Item No	B	T	Wt.
1/2	ST0512SW90	21	10	2.6	ST0515SW90	24	10	3	
3/4	ST0712SW90	21	10	3.5	ST0715SW90	24	10	4	
1	ST1012SW90	21	10	5	ST1015SW90	24	10	6	
1 1/4	ST1212SW90	21	10	6	ST1215SW90	24	10	7	
1 1/2	ST1512SW90	21	10	8	ST1515SW90	24	10	6.3	
2	ST2012SW90	21	10	10	ST2015SW90	24	10	12	
2 1/2	ST2512SW90	21	10	16	ST2515SW90	24	10	19	
3					ST3015SW90	24	10	25	

A	RADIUS								
	18"				24"				
	Size	Item No	B	T	Wt.	Item No	B	T	Wt.
1/2	ST0518SW90	28	11	3.6	ST0524SW90	35	11	4.1	
3/4	ST0718SW90	28	11	4.7	ST0724SW90	35	11	5.5	
1	ST1018SW90	28	11	6	ST1024SW90	35	11	8	
1 1/4	ST1218SW90	28	11	9	ST1224SW90	35	11	11	
1 1/2	ST1518SW90	28	11	8	ST1524SW90	35	11	7.7	
2	ST2018SW90	28	11	15.2	ST2024SW90	35	11	17.5	
2 1/2	ST2518SW90	28	11	24.3	ST2524SW90	35	11	28	
3	ST3018SW90	28	11	32.9	ST3024SW90	35	11	38	
3 1/2	ST3518SW90	28	11	39	ST3524SW90	35	11	45	
4	ST4018SW90	28	11	45.5	ST4024SW90	35	11	52.5	

A	RADIUS								
	30"				36"				
	Size	Item No	B	T	Wt.	Item No	B	T	Wt.
1/2	ST0530SW90	41	11	4.9	ST0536SW90	47	11	5.5	
3/4	ST0730SW90	41	11	6.5	ST0736SW90	47	11	7.3	
1	ST1030SW90	41	11	9	ST1036SW90	47	11	10	
1 1/4	ST1230SW90	41	11	12	ST1236SW90	47	11	14	
1 1/2	ST1530SW90	41	11	9.6	ST1536SW90	47	11	11	
2	ST2030SW90	41	11	21	ST2036SW90	47	11	23.3	
2 1/2	ST2530SW90	41	11	33.6	ST2536SW90	47	11	37.3	
3	ST3030SW90	41	11	45.6	ST3036SW90	47	11	50.7	
3 1/2	ST3530SW90	41	11	54	ST3536SW90	47	11	60	
4	ST4030SW90	41	11	63	ST4036SW90	47	11	70	
5	ST5030SW90	41	11	84	ST5036SW90	47	11	93.3	
6					ST6036SW90	48	12	123.3	

Schedule 40 Conduit - Bell End

CANTEX.

Meets specifications UL 651 and NEMA TC 2
 Rated for 90° C Cable
 Sunlight Resistant
 10' Lengths



**Schedule 40 Conduit
 Belled End
 10' Lengths**



Part No.	Size	O.D.	I.D.	Min. Wall	Bell Depth	Approx. Wt/Ft	Feet per Pack
A52AE12	1/2	.840	.622	.109	1.750	.162	6,000
A52AE12H	1/2	.840	.622	.109	1.750	.162	3,000
A52AG12	3/4	1.050	.824	.113	2.000	.216	4,400
A52AG12H	3/4	1.050	.824	.113	2.000	.216	2,200
A52BA12	1	1.315	1.049	.133	2.250	.320	3,600
A52BA12H	1	1.315	1.049	.133	2.250	.320	1,800
A52BC12	1-1/4	1.660	1.380	.140	2.500	.434	3,300
A52BC12H	1-1/4	1.660	1.380	.140	2.500	.434	1,650
A52BE12	1-1/2	1.900	1.610	.145	2.750	.520	2,250
A52BE12H	1-1/2	1.900	1.610	.145	2.750	.520	1,130
A52CA12	2	2.375	2.067	.154	3.250	.699	1,400
A52CE12	2-1/2	2.875	2.469	.203	3.500	1.108	930
A52DA12	3	3.500	3.068	.216	4.000	1.450	880
A52DE12	3-1/2	4.000	3.548	.226	4.250	1.744	630
A52EA12	4	4.500	4.026	.237	4.750	2.067	570
A52FA12	5	5.563	5.047	.258	5.750	2.801	380
A52GA12	6	6.625	6.065	.280	6.325	3.636	260
A52JA12	* 8	8.652	7.981	.322	6.500	5.474	180

* Non UL

Note: 20' length available on request

Schedule 40 conduit complies with federal and military specifications by conforming to UL 651.

Rigid Nonmetallic Conduit – Schedule 40

Carlton® Rigid Nonmetallic Conduit (RNC), Fittings & Accessories

Carlton® manufactures the most complete line of nonmetallic conduits and fittings in the electrical industry. Carlton Schedule 40 and Schedule 80 conduits are designed for use aboveground and underground as described in the National Electrical Code. Specify only Carlton conduits and fittings to insure raceway system integrity.

Features

Ease of Installation Nonmetallic conduits are 1/4 to 1/5 the weight of metallic systems, can be installed in less than half the time, and are easily fabricated on the job.

Safety Nonmetallic conduits are nonconductive, assuring a safe system.

Impact Resistant Carlton Schedule 40 and Schedule 80 nonmetallic conduits are resistant to sunlight and are listed for exposed or outdoor usage. The use of expansion fittings allows the system to expand and contract with temperature variations.

Corrosion Resistant Carlton conduits and fittings are nonmetallic and will not rust or corrode.

Carlton nonmetallic Schedule 40 and Schedule 80 conduits and elbows are manufactured to NEMA TC-2, Federal specification WC1094A and UL 651 specifications. Fittings are manufactured to NEMA TC-3, Federal specification WC1094A and UL514B. Both conduit and fittings carry respective UL or ETL Listings and UL or ETL labels.

Schedule 40 PVC Rigid Nonmetallic Conduit (RNC). (Heavy Wall EPC)

Listed for underground applications encased in concrete or direct burial. Also for use in exposed or concealed applications aboveground.

- Sunlight resistant
- Rated for use with 90°C conductors
- Superior weathering characteristics



RUS Listed

Schedule 40 Heavy Wall

With Integral Bell*



Part No.		Nom. Size	Std. Crate Qty.		Wt. Per 100'	Dimensions		
10'	20'		10'	20'		O.D.	I.D.	Wall
49005-010		1/2"	6000'		17	.840	.622	.109
49007-010	49007-020	3/4"	4400'	8800'	23	1.050	.824	.113
49008-010	49008-020	1"	3600'	7200'	34	1.315	1.049	.133
49009-010	49009-020	1 1/4"	3300'	6600'	46	1.660	1.380	.140
49010-010	49010-020	1 1/2"	2250'	4500'	55	1.900	1.610	.145
49011-010	49011-020	2"	1400'	2800'	73	2.375	2.067	.154
49012-010	49012-020	2 1/2"	930'	1860'	124	2.875	2.469	.203
49013-010	49013-020	3"	880'	1760'	163	3.500	3.068	.216
49014-010	49014-020	3 1/2"	630'	1260'	196	4.000	3.548	.226
49015-010	49015-020	4"	570'	1140'	232	4.500	4.026	.237
49016-010	49016-020	5"	380'	760'	315	5.563	5.047	.258
49017-010	49017-020	6"	260'	520'	409	6.625	6.065	.280

Rigid nonmetallic conduit is normally supplied in standard 10' lengths, with one belled end per length. For specific requirements, it may be produced in lengths shorter or longer than 10', with or without belled ends.

Use RNC Fittings with Schedule 40 and Schedule 80 Conduit.

- Notes: 1. Special fittings and conduit sizes will be quoted on request.
2. DON'T FORGET TO ORDER CEMENT.
3. Carlton reserves the right to ship to the nearest unitized quantity.

Rigid Nonmetallic Conduit – Schedule 80

Schedule 80 PVC Rigid Nonmetallic Conduit (RNC) (Extra Heavy Wall EPC-80)

Listed for use in aboveground and belowground applications that are subject to physical damage.

- Sunlight resistant • Rated for use with 90°C conductors • Superior weathering characteristics
- For use in areas subject to physical damage



RUS Listed

With Integral Bell*



Schedule 80 Extra Heavy Wall

Part No.		Nom. Size	Std. Crate Qty. Wt. Per			Dimensions		
10'	20'		10'	20'	100'	O.D.	I.D.	Wall
49405-010	49405-020	1/2"	6000'	12000'	21	.840	.546	.147
49407-010	49407-020	3/4"	4400'	8000'	30	1.050	.742	.154
49408-010	49408-020	1"	3600'	7200'	44	1.315	.957	.179
49409-010	49409-020	1 1/4"	3300'	6600'	60	1.660	1.278	.191
49410-010	49410-020	1 1/2"	2250'	3600'	72	1.900	1.500	.200
49411-010	49411-020	2"	1400'	2800'	101	2.375	1.939	.218
49412-010	49412-020	2 1/2"	930'	1880'	154	2.875	2.323	.276
49413-010	49413-020	3"	880'	1760'	210	3.500	2.900	.300
49415-010	49415-020	4"	570'	1140'	308	4.500	3.826	.337
49416-010	—	5"	380'	—	428	5.563	4.813	.375
49417-010	49417-020	6"	260'	520'	588	6.625	5.761	4.32

Rigid nonmetallic conduit is normally supplied in standard 10' lengths, with one belled end per length. For specific requirements, it may be produced in lengths shorter or longer than 10', with or without belled ends.

Use RNC Fittings with Schedule 40 and Schedule 80 Conduit.

- Notes: 1. Special fittings and conduit sizes will be quoted on request.
2. DON'T FORGET TO ORDER CEMENT.
3. Carlon reserves the right to ship to the nearest unitized quantity.

Support of Carlon Rigid Nonmetallic Conduit in Aboveground Installations

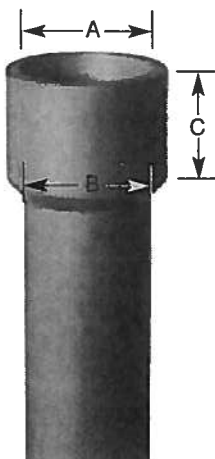
Table 352.30(B) NEC shows the support requirements for Schedule 40 and Schedule 80 rigid PVC nonmetallic conduit.

Plastic conduit should always be installed away from steam lines, etc. Support straps should allow for lineal movement caused by expansion and contraction.

Maximum ambient temperature is 122°F (50°C).

Table 352.30(B), NEC

Trade Size	Maximum Spacing Between Supports (feet)
1/2 - 1	3
1 1/4 - 2	5
2 1/2 - 3	6
3 1/2 - 5	7
6	8



Acceptable Dimensions in Inches of Integral Bell per UL 651

Trade Size	A		B		C Nominal Bell Depth (in.)
	At Entrance (in.) Maximum	Minimum	At Bottom (in.) Maximum	Minimum	
1/2	0.860	0.844	0.844	0.828	1.375
3/4	1.074	1.054	1.056	1.036	1.500
1	1.340	1.320	1.320	1.300	1.750
1 1/4	1.689	1.665	1.667	1.643	1.875
1 1/2	1.930	1.906	1.906	1.882	2.750
2	2.405	2.381	2.381	2.357	3.250
2 1/2	2.905	2.875	2.883	2.853	3.250
3	3.530	3.500	3.507	3.477	3.875
3 1/2	4.065	3.965	4.007	3.977	3.875
4	4.565	4.465	4.506	4.476	4.625
5	5.643	5.543	5.583	5.523	5.625
6	6.708	6.608	6.644	6.584	6.375

Rigid Nonmetallic Conduit – Schedule 40 Elbows

Schedule 40 Elbows Standard Radius

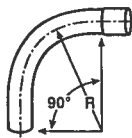
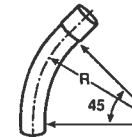
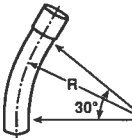
Available in plain and integral belled end for use with nonmetallic solvent weld fittings.

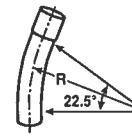
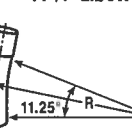


ETL Listed
to UL 651 in
compliance to
the NEC

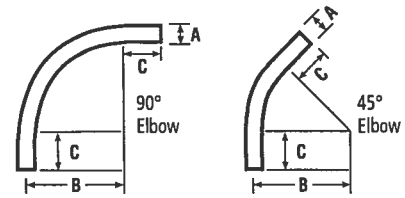


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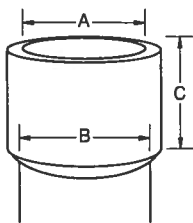
Item	Plain End Part No.	Belled End Part No.	Size	Plain End Std. Ctn. Qty.	Belled End Std. Ctn. Qty.
90° Elbow 	UA9AD	UA9ADB	1/2"	50	50
	UA9ADR-CAR	UA9ADB	1/2"	25	50
	UA9AE	UA9AEB	3/4"	25	25
	UA9AFR-CTN	UA9AFB-CTN	1"	25	25
	UA9AG	UA9AGB	1 1/4"	20	20
	UA9AH	UA9AHB	1 1/2"	25	25
	UA9AJ	UA9AJB	2"	20	20
	UA9AJ-CAR	UA9AJB	2"	5	20
	UA9AK-CAR	UA9AKB-CAR	2 1/2"	10	10
	UA9AL	UA9ALB-CAR	3"	1	5
	UA9AM	UA9AMB	3 1/2"	1	20
	UA9AN	UA9ANB	4"	1	1
	UA9AP	UA9APB	5"	1	1
	UA9AR	UA9ARB	6"	1	1
	45° Elbow 	UA7AD	UA7ADB	1/2"	50
UA7AE		UA7AEB	3/4"	25	25
UA7AER-CAR		UA7AEB	3/4"	15	25
UA7AF		UA7AFB	1"	20	20
UA7AF-CAR		UA7AFB	1"	15	20
UA7AG		UA7AGB	1 1/4"	20	20
UA7AH		UA7AHB	1 1/2"	20	20
UA7AJ		UA7AJB	2"	20	20
UA7AJ-CAR		UA7AJB-CAR	2"	4	4
UA7AK		UA7AKB	2 1/2"	20	20
UA7AK-CAR		UA7AKB-CAR	2 1/2"	5	5
UA7AL-CAR		UA7ALB	3"	5	25
UA7AL-CAR		UA7ALB-CAR	3"	5	10
UA7AM		UA7AMB	3 1/2"	1	20
UA7AN		UA7ANB	4"	1	20
UA7AP	UA7APB	5"	1	1	
UA7AR	UA7ARB	6"	1	1	
30° Elbow 	UA6AD	UA6ADB	1/2"	50	50
	UA6AE	UA6AEB	3/4"	25	25
	UA6AF	UA6AFB	1"	25	1
	UA6AG	UA6AGB	1 1/4"	20	20
	UA6AH	UA6AHB	1 1/2"	25	1
	UA6AJ	UA6AJB	2"	20	20
	UA6AK	UA6AKB	2 1/2"	10	20
	UA6AL	UA6ALB	3"	1	1
	UA6AM	UA6AMB	3 1/2"	1	1
	UA6AN	UA6ANB	4"	1	1
	UA6AP	UA6APB	5"	1	1
	UA6AR	UA6ARB	6"	1	1

Item	Plain End Part No.	Belled End Part No.	Size	Plain End Std. Ctn. Qty.	Belled End Std. Ctn. Qty.	
22 1/2° Elbow 	UA5AD	-	1/2"	1	-	
	UA5AE	-	3/4"	1	-	
	UA5AF	-	1"	1	-	
	UA5AG	-	1 1/4"	1	-	
	UA5AH	-	1 1/2"	1	-	
	UA5AJ	UA5AJB	2"	25	1	
	UA5AK	-	2 1/2"	20	-	
	UA5AL	UA5ALB	3"	5	1	
	UA5AM	-	3 1/2"	1	-	
	UA5AN	UA5ANB	4"	1	1	
	UA5AP	UA5APB	5"	1	1	
	UA5AR	UA5ARB	6"	1	1	
	11 1/4° Elbow 	UA3AD	-	1/2"	1	-
		UA3AE	-	3/4"	1	-
		UA3AF	-	1"	1	-
UA3AG		-	1 1/4"	1	-	
UA3AH		-	1 1/2"	1	-	
UA3AJ		-	2"	1	-	
UA3AK		-	2 1/2"	1	-	
UA3AL		-	3"	1	-	
UA3AM		-	3 1/2"	1	-	
UA3AN		UA3ANB	4"	1	1	
UA3AP	-	5"	1	-		
UA3AR	-	6"	1	-		

Standard Radius Elbow Dimensions



Integral Belled End Dimensions



Trade Size	A		B		C	
	At Entrance Max.	Min.	At Bottom Max.	Min.	Socket Depth Max.	Min.
1/2"	.860	0.844	0.844	0.828	1.500	0.652
3/4"	1.074	1.054	1.056	1.036	1.500	0.719
1"	1.340	1.320	1.320	1.300	1.875	0.875
1 1/4"	1.689	1.665	1.667	1.643	2.000	0.938
1 1/2"	1.930	1.906	1.906	1.882	2.000	1.062
2"	2.405	2.381	2.381	2.357	2.000	1.125
2 1/2"	2.905	2.875	2.883	2.853	3.000	1.469
3"	3.530	3.500	3.507	3.477	3.125	1.594
3 1/2"	4.065	3.965	4.007	3.977	3.250	1.687
4"	4.565	4.465	4.506	4.476	3.375	1.750
5"	5.643	5.543	5.583	5.523	3.625	1.937
6"	6.708	6.608	6.644	6.584	3.750	2.125

Size	A	B (Min. Radius)	C Min.
1/2"	.840	4"	1 1/2"
3/4"	1.050	4 1/2"	1 1/2"
1"	1.315	5 3/4"	1 7/8"
1 1/4"	1.660	7 1/4"	2"
1 1/2"	1.900	8 1/4"	2"
2"	2.375	9 1/2"	2"
2 1/2"	2.875	10 1/2"	3"
3"	3.500	13"	3 1/8"
3 1/2"	4.000	15"	3 1/4"
4"	4.500	16"	3 3/8"
5"	5.563	24"	3 5/8"
6"	6.625	30"	3 3/4"

Rigid Nonmetallic Conduit – Schedule 40 Elbows

Schedule 40 Elbows Special Radius

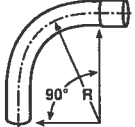
*Consult factory for additional sizes/configurations

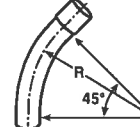


ETL Listed to UL 651 in compliance to the NEC



LISTED E35297

Segment	Plain End Part No.	Belled End Part No.	Nom. Diam.	Radius (in.)	Plain End Std. Ctn. Qty.	Belled End Std. Ctn. Qty.
90° Elbow 	UA9CF	UA9CFB	1"	18"	1	1
	UA9DF	UA9DFB	1"	24"	1	1
	UA9EF	UA9EFB	1"	30"	1	1
	UA9FF	-	1"	36"	1	-
	UA9HF	-	1"	48"	1	-
	UA9CG	UA9CGB	1 1/4"	18"	1	1
	UA9DG	UA9DGB	1 1/4"	24"	1	1
	UA9EG	UA9EGB	1 1/4"	30"	1	1
	UA9FG	UA9FGB	1 1/4"	36"	1	1
	UA9HG	-	1 1/4"	48"	1	-
	UA9CH	UA9CHB	1 1/2"	18"	1	1
	UA9DH	UA9DHB	1 1/2"	24"	1	1
	UA9EH	UA9EHB	1 1/2"	30"	1	1
	UA9FH	UA9FHB	1 1/2"	36"	1	1
	UA9HH	-	1 1/2"	48"	1	-
	UA9CJ	UA9CJB	2"	18"	1	1
	UA9DJ	UA9DJB-UPC	2"	24"	1	1
	UA9EJ	UA9EJB	2"	30"	1	1
	UA9FJ-UPC	UA9FJB	2"	36"	1	1
	UA9HJ	UA9HJB	2"	48"	1	1
	UA9JJ	-	2"	72"	1	-
	UA9CK	UA9CKB	2 1/2"	18"	1	1
	UA9DK	UA9DKB-UPC	2 1/2"	24"	1	1
	UA9EK	UA9EKB	2 1/2"	30"	1	1
	UA9FK-UPC	UA9FKB	2 1/2"	36"	1	1
	UA9HK	UA9HKB	2 1/2"	48"	1	1
	UA9CL	UA9CLB	3"	18"	1	1
	UA9DL	UA9DLB-UPC	3"	24"	1	1
	UA9EL	UA9ELB	3"	30"	1	1
	UA9FL	UA9FLB	3"	36"	1	1
	UA9HL	UA9HLB	3"	48"	1	1
	UA9IL	-	3"	60"	1	-
	UA9DM	UA9DMB	3 1/2"	24"	1	1
	UA9EM	UA9EMB	3 1/2"	30"	1	1
	UA9FM	UA9FMB	3 1/2"	36"	1	1
	UA9HM	UA9HMB	3 1/2"	48"	1	1
-	UA9CNB	4"	18"	-	1	
UA9DN	UA9DNB	4"	24"	1	1	
UA9EN	UA9ENB	4"	30"	1	1	
UA9FN	UA9FNB	4"	36"	1	1	
UA9HN	UA9HNB	4"	48"	1	1	
UA9IN	UA9INB	4"	60"	1	1	
UA9JN	-	4"	72"	1	1	
UA9EP	UA9EPB	5"	30"	1	1	
UA9FP	UA9FPB	5"	36"	1	1	
UA9HP	UA9HPB	5"	48"	1	1	
UA9IP	UA9IPB	5"	60"	1	1	
UA9FR	UA9FRB	6"	36"	1	1	
UA9HR	UA9HRB	6"	48"	1	1	
UA9IR	UA9IRB	6"	60"	1	1	
-	UA9TRB	6"	180"	-	1	
UA9HT	-	8"	48"	1	1	

Segment	Plain End Part No.	Belled End Part No.	Nom. Diam.	Radius (in.)	Plain End Std. Ctn. Qty.	Belled End Std. Ctn. Qty.
45° Elbow 	UA7CF	-	1"	18"	1	-
	UA7DF	-	1"	24"	1	-
	UA7EF	-	1"	30"	1	-
	UA7FF	-	1"	36"	1	-
	UA7HF	-	1"	48"	1	-
	UA7CG	-	1 1/4"	18"	1	-
	UA7DG	-	1 1/4"	24"	1	-
	UA7EG	-	1 1/4"	30"	1	-
	UA7FG	-	1 1/4"	36"	1	-
	UA7HG	-	1 1/4"	48"	1	-
	UA7CH	-	1 1/2"	18"	1	-
	UA7DH	-	1 1/2"	24"	1	-
	UA7EH	-	1 1/2"	30"	1	-
	UA7FH	UA7FHB	1 1/2"	36"	1	1
	UA7HH	-	1 1/2"	48"	1	-
	-	UA7BJB	2"	12"	-	1
	UA7CJ	UA7CJB	2"	18"	1	1
	UA7DJ	UA7DJB	2"	24"	1	1
	UA7EJ	UA7EJB	2"	30"	1	1
	UA7FJ	UA7FJB	2"	36"	1	1
	UA7HJ	UA7HJB	2"	48"	1	1
	UA7SJ	-	2"	150"	1	-
	UA7CK	-	2 1/2"	18"	1	-
	UA7DK	UA7DKB	2 1/2"	24"	1	1
	UA7EK	-	2 1/2"	30"	1	-
	UA7FK	UA7FKB	2 1/2"	36"	1	1
	UA7HK	-	2 1/2"	48"	1	-
	UA7CL	UA7CLB	3"	18"	1	1
	UA7DL	UA7DLB	3"	24"	1	1
	UA7EL	UA7ELB	3"	30"	1	1
	UA7FL	UA7FLB	3"	36"	1	1
	-	UA7HLB	3"	48"	-	1
	UA7DM	-	3 1/2"	24"	1	-
	UA7EM	-	3 1/2"	30"	1	-
	UA7FM	-	3 1/2"	36"	1	-
	UA7DN	UA7DNB	4"	24"	1	1
UA7EN	UA7ENB	4"	30"	1	1	
UA7FN	UA7FNB	4"	36"	1	1	
UA7HN	UA7HNB	4"	48"	1	1	
-	UA7NNB	4"	120"	-	1	
UA7SN	UA7SNB	4"	150"	1	-	
UA7EP	UA7EPB	5"	30"	1	1	
UA7FP	UA7FPB	5"	36"	1	1	
UA7HP	UA7HPB	5"	48"	1	1	
-	UA7IPB	5"	60"	-	1	
-	UA7NPB	5"	120"	-	1	
-	UA7SPB	5"	150"	-	1	
UA7FR	UA7FRB	6"	36"	1	1	
UA7HR	UA7HRB	6"	48"	1	1	
UA7FT	-	8"	36"	1	-	
UA7HT	-	8"	48"	1	-	

Rigid Nonmetallic Conduit – Schedule 40 Elbows



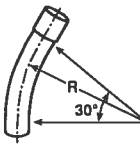
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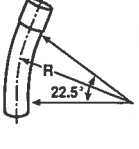


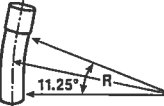
LISTED E35297

Schedule 40 Elbows Special Radius

*Consult factory for additional sizes/configurations

Segment	Plain End Part No.	Belled End Part No.	Nom. Diam.	Radius (in.)	Plain End Std. Ctn. Qty.	Belled End Std. Ctn. Qty.
30° Elbow 	UA6CJ	–	2"	18"	1	–
	UA6DJ	UA6DJB	2"	24"	1	1
	UA6FJ	UA6FJB	2"	36"	1	1
	UA6HJ	UA6HJB	2"	48"	1	1
	UA6CK	–	2 1/2"	18"	1	–
	UA6DK	–	2 1/2"	24"	1	–
	UA6CL	–	3"	18"	1	–
	UA6DL	UA6DLB	3"	24"	1	1
	UA6FL	UA6FLB	3"	36"	1	1
	UA6HL	UA6HLB	3"	48"	1	1
	UA6DM	–	3 1/2"	24"	1	–
	UA6FM	–	3 1/2"	36"	1	–
	UA6HM	–	3 1/2"	48"	1	–
	UA6DN	–	4"	24"	1	–
	UA6FN	UA6FNB	4"	36"	1	1
	UA6HN	UA6HNB	4"	48"	1	1
	UA6FP	UA6FPB	5"	36"	1	1
	UA6HP	UA6HPB	5"	48"	1	1
	UA6FR	UA6FRB	6"	36"	1	1
	UA6HR	UA6HRB	6"	48"	1	1

Segment	Plain End Part No.	Belled End Part No.	Nom. Diam.	Radius (in.)	Plain End Std. Ctn. Qty.	Belled End Std. Ctn. Qty.
22 1/2° Elbow 	UA5FF	–	1"	36"	1	–
	UA5FG	–	1 1/4"	36"	1	–
	UA5FH	UA5FHB	1 1/2"	36"	1	1
	UA5CJ	UA5CJB	2"	18"	1	1
	UA5DJ	UA5DJB	2"	24"	1	25
	UA5EJ	UA5EJB	2"	30"	1	1
	UA5FJ	UA5FJB	2"	36"	1	1
	UA5HJ	–	2"	48"	1	–
	UA5VJ	–	2"	300"	1	–
	UA5CK	–	2 1/2"	18"	1	–
	UA5DK	–	2 1/2"	24"	1	–
	UA5EK	–	2 1/2"	30"	1	–
	UA5FK	–	2 1/2"	36"	1	–
	UA5HK	–	2 1/2"	48"	1	–
	–	UA5CLB	3"	18"	1	1
	UA5DL	UA5DLB	3"	24"	1	1
	UA5EL	UA5ELB	3"	30"	1	1
	UA5FL	UA5FLB	3"	36"	1	1
	UA5HL	–	3"	48"	1	–
	UA5VL	–	3"	300"	1	–
	UA5DM	–	3 1/2"	24"	1	–
	UA5EM	–	3 1/2"	30"	1	–
	UA5FM	–	3 1/2"	36"	1	–
	UA5HM	–	3 1/2"	48"	1	–
	UA5DN	UA5DNB	4"	24"	1	1
	UA5EN	UA5ENB	4"	30"	1	1
	UA5FN	UA5FNB	4"	36"	1	1
	UA5HN	UA5HNB	4"	48"	1	–
	UA5IN	–	4"	60"	1	–
	UA5JN	–	4"	72"	1	–
	UA5SN	UA5SNB	4"	150"	1	–
	–	UA5UNB	4"	240"	–	1
	–	UA5VNB	4"	300"	–	1
	–	UA5DPB	5"	24"	1	1
	UA5EP	UA5EPB	5"	30"	1	1
	UA5FP	UA5FPB	5"	36"	1	1
	UA5HP	UA5HPB	5"	48"	1	1
	UA5IP	–	5"	60"	1	–
	UA5SP	–	5"	150"	1	–
	–	UA5UPB	5"	240"	–	1
–	UA5VPB	5"	300"	–	1	
UA5FR	UA5FRB	6"	36"	1	1	
UA5HR	UA5HRB	6"	48"	1	1	
UA5IR	–	6"	60"	1	–	
UA5RR	–	6"	144"	1	–	
UA5SR	–	6"	150"	1	–	
UA5VR	–	6"	300"	1	–	
UA5FT	–	8"	36"	1	–	
UA5HT	–	8"	48"	1	–	

Segment	Plain End Part No.	Belled End Part No.	Nom. Diam.	Radius (in.)	Plain End Std. Ctn. Qty.	Belled End Std. Ctn. Qty.
11 1/4° Elbow 	UA3DJ	UA3DJB	2"	24"	1	25
	UA3FJ	UA3FJB	2"	36"	1	1
	UA3HJ	–	2"	48"	1	–
	UA3HK	–	2 1/2"	48"	1	–
	UA3DL	UA3DLB	3"	24"	1	1
	UA3FL	UA3FLB	3"	36"	1	1
	UA3HL	–	3"	48"	1	–
	UA3DM	–	3 1/2"	24"	1	–
	UA3HM	–	3 1/2"	48"	1	–
	UA3DN	UA3DNB	4"	24"	1	1
	UA3FN	UA3FNB	4"	36"	1	1
	–	UA3SNB	4"	150"	–	1
	UA3HN	UA3HNB	4"	48"	1	1
	UA3FP	UA3FPB	5"	36"	1	1
	UA3HP	–	5"	48"	1	–
	–	UA3UPB	5"	240"	–	1
	UA3FR	UA3FRB	6"	36"	1	1
	UA3HR	–	6"	48"	1	–
	UA3FT	–	8"	36"	1	–

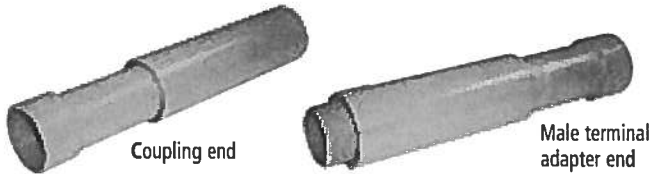
Rigid Nonmetallic Conduit – Couplings

Expansion Fittings

(For Use with Schedule 40 & 80 Conduit)

E945 series expansion fittings are designed to compensate for length changes due to temperature variations in exposed conduit runs.

- EXCLUSIVE Molded in Mid-point indicator on the piston.
- EXCLUSIVE 2" Expansion Fitting with an 8" travel distance.
- Two-piece molded design with lubricated seals for easier movement for the life of the product.
- Ridges on the fitting for easier installation (Sizes 2" through 6" only).
- Male terminal Adapter End design (1/2" – 2" NPT Threads, and 2 1/2" – 6" NPSC Threads).
- Two O-Rings to prevent leakage.
- Can be installed vertically or horizontally.



Coupling End Part No.	Male Terminal Adapter End Part No.	Size	Std. Ctn. Qty.	Travel Length (in.)
E945D	E945DX	1/2	20	4"
E945E	E945EX	3/4	15	4"
E945F	E945FX	1	10	4"
E945G	E945GX	1 1/4	5	4"
E945H	E945HX	1 1/2	5	4"
E945J	E945JX	2	15	8"
E945K	E945KX	2 1/2	10	8"
E945L	E945LX	3	10	8"
E945M	E945MX	3 1/2	5	8"
E945N	E945NX	4	5	8"
E945P	E945PX	5	1	8"
E945R	E945RX	6	1	8"

Couplings

Standard Couplings

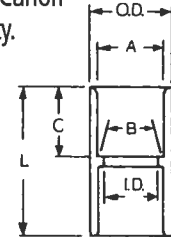
All socket fittings should be attached Using Carlon solvent cement. Using Carlon fittings with Carlon nonmetallic conduit insures system integrity.



Except where noted by ▶



Socket type for joining nonmetallic conduit.



Part No.	Size	Std. Ctn. Qty.	A Typical	B Typical	I.D.	O.D.	C Typical	L
E940D	1/2	150	.852	.836	.728	1 7/64	1 1/16	1 1/2
E940E	3/4	100	1.064	1.046	.840	1 5/16	3/4	1 5/8
E940F	1	50	1.330	1.310	1.210	1 5/8	1 5/16	2
E940G	1 1/4	30	1.677	1.655	1.535	1 63/64	1	2 1/8
E940H	1 1/2	25	1.918	1.894	1.755	2 15/64	1 1/8	2 3/8
E940J	2	30	2.393	2.369	2.190	2 47/64	1 3/16	2 1/2
E940K	2 1/2	20	2.890	2.868	2.688	3 5/16	1 33/64	3 3/16
E940K-CAR	2 1/2	4	2.890	2.868	2.688	3 5/16	1 33/64	3 3/16
E940L	3	25	3.515	3.492	3.375	3 31/32	1 3/4	3 13/32
E940L-CAR	3	5	3.515	3.492	3.375	3 31/32	1 3/4	3 13/32
E940M	3 1/2	20	4.015	3.992	3.780	4 9/16	1 3/4	3 5/8
E940N	4	15	4.515	4.491	4.265	5 3/32	1 25/32	3 3/4
E940N-CAR	4	5	4.515	4.491	4.265	5 3/32	1 25/32	3 3/4
E940P	5	8	5.593	5.553	5.097	6 1/4	1 5/16	4 1/16
E940R	6	5	6.658	6.614	6.115	7 1/2	2 3/16	4 5/8

Special Long Line Couplings



Long Line Couplings

Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
E941H	1 1/2	40	9
E941J	2	25	8
E941K	2 1/2	15	8
E941L	3	15	14
E941N	4	10	15
E941PF	5	4	12
▶ E941RF	6	5	21

Short Expansion Couplings

(Expands to a maximum of 2")



Part No.	Size	Std. Ctn. Qty.
E955D	1/2	40
E955E	3/4	40
E955F	1	25
E955G	1 1/4	15
E955H	1 1/2	10
E955J	2	6

Fabricated Expansion Couplings



Part No.	Size	Std. Ctn. Qty.	Travel Length (in.)
E945KXL	2 1/2	10	12

Rigid Nonmetallic Conduit – Adapters

Couplings

Special Long Line Couplings – Sleeve Couplings



Sleeve Coupling (For Repair Work)
No Internal Stop

Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
▶ E948H	1 1/2	25	6
▶ E948J	2	25	5
▶ E948K	2 1/2	25	16
▶ E948L	3	25	13
▶ E948N	4	10	8
▶ E948P	5	14	33
▶ E948R	6	6	16
▶ E948JR	2" (6" long)	15	8
▶ E948JS	2" (Sch. 40 Split Duct)	25	6
▶ E948L12	3" (12" long)	1	1
▶ E948L6	3" (6" long)	15	15
▶ E948LS	3" (Sch. 40 Split Duct)	25	17
▶ E948N12	4" (12" long)	10	28
▶ E948N7	4" (7" long)	15	25
▶ E948NS	4" (Sch. 40 Split Duct)	10	15
▶ E948PS	5" (Sch. 40 Split Duct)	1	2
▶ E948R10	6" (10" long)	6	25
▶ E948R12	6" (12" long)	6	25
▶ E948RS	6" (Sch. 40 Split Duct)	1	2

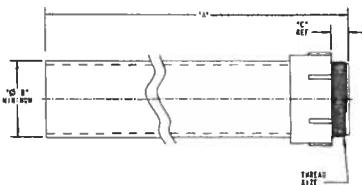
Special Schedule 40 Swedge Couplings

*Consult factory for additional sizes



Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
▶ E442K	2 1/2	20	13
▶ E442R	6	6	27
▶ E442T	8	2	17

Risers Schedule 40



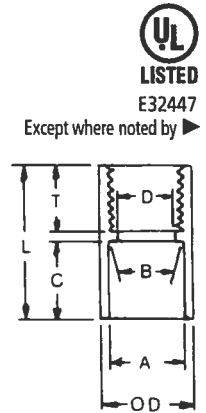
Part No.	Size	A (Length)	B (Min.)	C	Thread Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
E954HX	1 1/2	80.00	1.567	.950	1 1/2" NPT	1	3.8
E954J	2	60.00	2.024	.825	2" NPT	1	3.7
E954JX	2	80.00	2.024	.825	2" NPT	1	5.0
E954K	2 1/2	60.00	2.418	.812	2 1/2" NPSC	1	6.0
E954KX	2 1/2	80.00	2.418	.812	2 1/2" NPSC	1	8.4
E954L	3	60.00	3.012	.798	3" NPSC	1	8.7
E954LX	3	80.00	3.012	.798	3" NPSC	1	11.0

Adapters

Female Adapters



For adapting nonmetallic conduits to threaded fittings, metallic systems. Female threads on one end, socket end on other.



LISTED
E32447

Except where noted by ▶

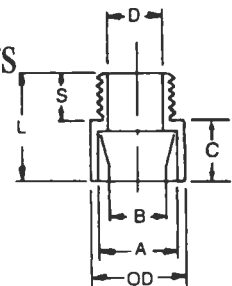
Part No.	Size	Std. Ctn. Qty.	A Typical	B Typical	Min. D	Max. OD	C	T Typical	L
E942D	1/2	150	.852	.836	.620	17/64	11/16	3/4	19/16
E942E	3/4	100	1.064	1.046	.822	15/16	13/16	3/4	15/8
E942F	1	50	1.330	1.310	1.046	15/8	15/16	7/8	115/16
E942G	1 1/4	30	1.677	1.655	1.377	163/64	1	7/8	2
E942H	1 1/2	25	1.918	1.894	1.607	25/32	11/8	7/8	27/32
E942J	2	30	2.393	2.369	2.064	247/64	13/16	1	25/16
E942K	2 1/2	20	2.890	2.868	2.450	311/32	15/8	11/8	215/16
E942K-CAR	2 1/2	4	2.890	2.868	2.450	311/32	15/8	11/8	215/16
E942L	3	25	3.515	3.492	3.000	331/32	13/4	11/8	31/16
E942L-CAR	3	3	3.515	3.492	3.000	331/32	13/4	11/8	31/16
E942M	3 1/2	20	4.015	3.992	3.500	4 1/2	17/8	11/8	3 1/4
E942N	4	15	4.515	4.491	4.000	5 1/64	2	11/8	313/64
E942N-CAR	4	7	4.515	4.491	4.000	5 1/64	2	11/8	313/64
E942NX9*	4	15	(Call for information)						
E942P	5	8	5.593	5.553	5.047	6 1/4	115/16	11/16	33/16
E942R	6	6	6.658	6.614	6.055	7 1/4	2 1/8	11/16	33/8
E942RX*	6	6	(Call for information)						

* Long Line Adapter

Male Terminal Adapters



For adapting nonmetallic conduits to boxes, threaded fittings, metallic systems. Male threads on one end, socket end on other.



Part No.	Size	Std. Ctn. Qty.	A Typical	B Typical	Min. D	Max. OD	C	S Typical	L
E943D	1/2	150	.852	.836	.597	11/8	5/8	9/16	15/16
E943E	3/4	125	1.064	1.046	.800	111/32	3/4	9/16	13/8
E943F	1	50	1.330	1.310	1.018	15/8	1	11/16	125/32
E943G	1 1/4	50	1.677	1.655	1.332	21/32	1	3/4	115/16
E943H	1 1/2	25	1.918	1.894	1.566	25/32	13/16	3/4	21/16
E943J	2	50	2.393	2.369	2.000	221/32	13/16	3/4	21/8
E943K	2 1/2	25	2.890	2.868	2.376	35/16	13/4	7/8	27/8
E943K-CAR	2 1/2	5	2.890	2.868	2.376	35/16	13/4	7/8	27/8
E943L	3	45	3.515	3.492	2.954	4	115/16	7/8	31/16
E943L-CAR	3	5	3.515	3.492	2.954	4	115/16	7/8	31/16
E943M	3 1/2	30	4.015	3.992	3.440	4 1/2	27/16	17/8	37/16
E943N	4	20	4.515	4.491	3.940	53/32	23/8	7/8	31/2
E943N-CAR	4	20	4.515	4.491	3.940	53/32	23/8	7/8	31/2
E943P	5	5	5.593	5.553	4.815	6 1/4	2 1/3	1	315/16
E943R	6	10	6.658	6.614	5.860	7 1/2	23/8	1	33/8

Rigid Nonmetallic Conduit – Fittings & Accessories



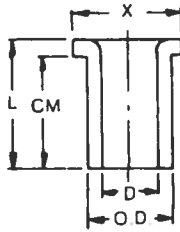
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Adapters

Box Adapters for Enclosures



Adapts nonmetallic conduit to all electrical enclosures by inserting adapter through knockout and cementing into Carlon couplings.



Part No.	Size	Std. Ctn. Qty.	Min D	OD Typical	Max X	CM Typical	L
E996D	1/2	100	.662	.840	17/64	23/32	27/32
E996E	3/4	100	.824	1.050	121/64	25/32	29/32
E996F	1	100	1.049	1.315	15/8	61/64	13/32
E996G	1 1/4	50	1.380	1.660	131/32	1 1/16	1 1/4
E996H	1 1/2	50	1.610	1.900	213/64	1 3/16	1 3/8
E996J	2	25	2.067	2.375	229/32	1 1/4	1 7/16
E996K-CAR	2 1/2	10	2.469	2.875	37/16	17/8	1 15/16
E996L	3	20	3.068	3.500	4 1/8	2	2 1/16
E996L-CAR	3	5	3.068	3.500	4 1/8	2	2 1/16
E996N	4	10	4.026	4.500	5 1/8	2 1/2	2 1/4

Reducers

Fabricated Reducers



Fabricated Reducers (Male x Male)

Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
► E952KJ	2 1/2" x 2"	48	28
► E952LJ	3" x 2"	36	21
► E952LK	3" x 2 1/2"	36	31
► E952NL	4" x 3"	15	23
► E952NM	4" x 3 1/2"	15	25
► E952PN	5" x 4"	12	26
► E952RP	6" x 5"	10	31

Threaded Adapters



Part No.	Size	Std. Ctn. Qty.
E9842D ¹	1/2	25
E9842E ²	3/4	25

¹ Fits 3/4" sockets ² Fits 1" sockets

Plugs

Reducer Plugs



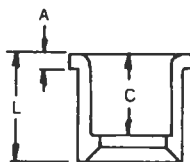
Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
► E971C	3/4" x 1 1/2"	100	2
► E971D	1" x 3/4"	100	3

Reducers

Reducer Bushings



For connecting different sizes of conduit. Bell x Spigot.



Part No.	Size	Std. Ctn. Qty.	L Typical	A Typical	C Typical
E950ED	3/4" x 1/2"	100	15/32	13/64	1/32
E950FD-CAR	1" x 1/2"	25	1 11/32	3/16	57/64
E950FE	1" x 3/4"	100	1 11/32	3/16	1/64
E950GE-CAR	1 1/4" x 3/4"	10	1 15/32	3/16	1/64
E950GF	1 1/4" x 1"	50	1 15/32	3/16	19/64
E950HF-CAR	1 1/2" x 1"	10	1 19/32	3/16	19/64
E950HG-CAR	1 1/2" x 1 1/4"	10	1 19/32	3/16	117/64
E950JG-CAR	2" x 1 1/4"	10	1 3/4	7/32	117/64
E950JH-CAR	2" x 1 1/2"	10	1 3/4	7/32	125/64
E950KJ-CAR	2 1/2" x 2"	10	25/32	3/8	127/64
E950LJ-CAR	3" x 2"	10	2 1/8	1/4	17/8
► E950LK	3" x 2 1/2"	25	1 15/16	1/4	1 11/16
E950NL	4" x 3"	25	2 3/4	5/16	1 15/16

Plugs (Polyethylene)



Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
► P258H	1 1/2"	50	2
► P258K	2 1/2"	25	1.5

Plugs with Pull Tabs (Polyethylene)



Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
► P258JT	2	60	3
► P258LT	3	30	3
► P258NT	4	48	8
► P258PT	5	30	6
► P258RT	6	30	9

Rigid Nonmetallic Conduit – Fittings & Accessories



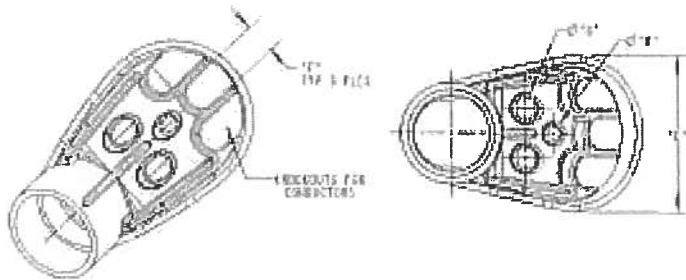
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Caps

Service Entrance Caps



Part No.	Size	Std. Ctn. Qty.	Dimensions (in.)		
			F	G	H
E998D	1/2	5	.45	.45	—
E998E	3/4	20	.45	.45	—
E998E-CAR	3/4	5	.45	.45	—
E998F	1	15	.59	.58	—
E998F-CAR	1	5	.59	.58	—
E998G-CAR	1 1/4	5	.74	.71	.50
E998H-CAR	1 1/2	5	.74	.71	.50
E998J-CAR	2	5	.83	.78	.56
E998K-UPC	2 1/2	2	1.70	1.31	1.00
E998L	3	2	1.70	1.31	1.00
E998N	4	2	2.25	1.88	1.31



End Caps



Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
▶ E958D	1/2	100	3
▶ E958E	3/4	100	4
▶ E958F	1	75	5
▶ E958G	1 1/4	40	4
▶ E958H	1 1/2	30	4
▶ E958J	2	25	5
▶ E958K	2 1/2	10	4
▶ E958L	3	10	5
▶ E958N	4	5	17
▶ E958P	5	5	11
▶ E958R	6	5	13

PVC Riser Caps



Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
▶ E935J	2	25	9
▶ E935L	3	25	18
▶ E935N	4	25	18
▶ E935P	5	25	35
▶ E935R	6	10	13

Offsets

Meter Offset



Part No.	Size	Std. Ctn. Qty.	Offset	A
▶ E995G	1 1/4	15	0.758	4.230
E995G-CTN	1 1/4	6	0.758	4.230
▶ E995J	2	8	0.684	4.270

Offset



Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
▶ E994DR-CAR	1/2	25	3
▶ E994ER-CAR	3/4	15	2
▶ E994F	1	50	12

End Bells

End Bells



Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
▶ E997F	1	50	1
▶ E997F-CAR	1	15	1
▶ E997G	1 1/4	35	1
▶ E997G-CAR	1 1/4	15	1
▶ E997H	1 1/2	30	1
▶ E997H-CAR	1 1/2	10	1
▶ E997J	2	40	1
▶ E997J-CAR	2	10	1
▶ E997K	2 1/2	30	2
▶ E997K-CAR	2 1/2	10	2
▶ E997L	3	50	2
▶ E997L-CAR	3	10	2
▶ E997M	3 1/2	40	10
▶ E997N	4	30	11
▶ E997P	5	15	10
▶ E997R	6	10	7.4
▶ E997T	8	3	14.55

Fabricated End Bells

Schedule 40



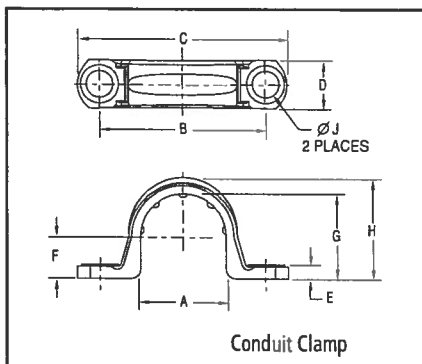
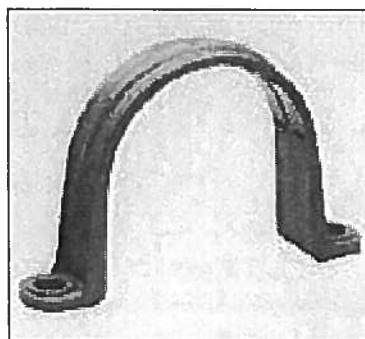
Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
E949J5	2" x 5"	50	10
E949J6	2" x 6"	25	12
E949JN	2" x 4"	25	7
E949JX	2" x 8"	12	7
E949LR	3" x 6"	20	21
E949N5	4" x 5"	20	2
E949NR	4" x 6"	15	21
E949R5	6" x 5"	12	27
E949RX	6" x 8"	6	17

Nonmetallic Clamps

Nonmetallic clamps offer the same chemical resistance as Carlon nonmetallic conduits for a complete, corrosion resistant system.

To be used in accordance with conduit spacing requirements per the NEC, Section 352.30.

- UV inhibited for use in direct sunlight



Conduit Clamps

Part No.	Size: inches (mm)	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)	A	B	C	D	E	F	G	H	J
E977DC	1/2" (16)	100	1.2	0.892 (22.6)	1.71 (43.4)	2.16 (54.8)	0.50 (12.7)	.14 (3.5)	.42 (10.6)	.866 (21.9)	1.04 (26.4)	.260 (6.6)
E977EC	3/4" (21)	100	1.4	1.102 (27.9)	1.97 (50.0)	2.40 (60.9)	0.50 (12.7)	.14 (3.5)	.525 (13.3)	1.076 (27.3)	1.255 (31.8)	.260 (6.6)
E977FC	1" (27)	100	2	1.39 (35.3)	2.25 (57.1)	2.81 (71.3)	0.594 (15.0)	.14 (3.5)	.658 (16.7)	1.342 (34.0)	1.574 (39.9)	.260 (6.6)
E977GC	1 1/4" (35)	50	5	1.714 (43.5)	2.68 (68.0)	3.28 (83.3)	.64 (16.2)	.15 (3.8)	.83 (21.0)	1.687 (42.8)	1.89 (48.0)	.320 (8.1)
E977HC	1 1/2" (41)	50	6	1.92 (48.7)	2.82 (71.6)	3.44 (87.3)	.70 (17.7)	.15 (3.8)	.97 (24.6)	1.93 (49.0)	2.12 (53.8)	.312 (7.9)
E977JC	2" (53)	25	4.5	2.54 (64.5)	3.54 (89.9)	4.18 (106.1)	.76 (19.3)	.16 (4.0)	1.05 (26.6)	2.29 (58.1)	2.49 (63.2)	.315 (8.0)
E977KC-CAR	2 1/2" (63)	25	1.4	2.86 (72.6)	4.50 (114.3)	5.46 (138.7)	1.00 (25.4)	.20 (5.08)	1.43 (36.3)	2.86 (72.6)	3.12 (79.2)	.36 (9.14)
E977LC-CAR	3" (78)	20	1.4	3.47 (88.2)	5.00 (127.0)	6.00 (152.4)	1.00 (25.4)	.20 (5.08)	1.74 (44.3)	3.48 (88.4)	3.70 (94.0)	.36 (9.14)
E977NC-CAR	4" (103)	15	12.2	4.366 (110.9)	6.15 (156.2)	7.20 (182.9)	1.00 (25.4)	.20 (5.08)	2.32 (58.8)	4.50 (114.3)	4.70 (119.4)	.36 (9.14)

*Note: Some clamp applications require 2 screws, 2 nuts and 2 washers.

All Weather – Clear



Recommended pipe application and sizes	Set-up time (Evaporation Rate)	Recommended installation temperature	Lap Shear @ 73°F	Viscosity at 75° as manufactured
Recommended for all grades and types of Carlon PVC conduit, duct, wireway and fittings, except Flex-Plus® Blue™ ENT (Electrical Nonmetallic Tubing.) Up through 6" diameter.	-5°-10°F 6-8 minutes 10°-30°F 4-5 minutes 30°-50°F 3-4 minutes 50°-70°F 1-2 minutes 70°-90°F 1/2-1 1/2 minutes	-5° to 100°F	2 hrs. 350 psi 16 hrs. 800 psi 72 hrs. 1,500 psi	400-700 cps

Part No	Size	Applicator	Description	Ctn. Qty.	Ctn. Wt. (lbs.)
VC9984	1/2 Pint	Dauber	All Weather "Quick-Set" Cement	10	7.0
VC9983	Pint	Dauber	All Weather "Quick-Set" Cement	24	30.0
VC9982	Quart	Dauber	All Weather "Quick-Set" Cement	12	29.0
VC9981P	Gallon	-	All Weather "Quick-Set" Cement	6	54.0

Meets ASTM D-2564

All Weather – ENT Blue



Recommended pipe application and sizes	Set-up time (Evaporation Rate)	Recommended installation temperature	Lap Shear @ 73°F	Viscosity at 75° as manufactured
Required for use with Flex-Plus® Blue™ ENT (Electrical Nonmetallic Tubing), Riser-Gard®, P&C Flex®, and Carlon PVC fittings. Up through 6" diameter.	-5°-10°F 6-8 minutes 10°-30°F 4-5 minutes 30°-50°F 3-4 minutes 50°-70°F 1-2 minutes 70°-90°F 1/2-1 1/2 minutes	-5° to 100°F	2 hrs. 350 psi 16 hrs. 800 psi 72 hrs. 1,500 psi	400-700 cps

Part No	Size	Applicator	Description	Ctn. Qty.	Ctn. Wt. (lbs.)
VC9992	Quart	Dauber	All Weather "Quick-Set" Blue	12	29.0

Meets ASTM D-2564

Resi-Gard® – Clear



Recommended pipe application and sizes	Set-up time (Evaporation Rate)	Recommended installation temperature	Lap Shear @ 73°F	Viscosity at 75° as manufactured
For use with Resi-Gard®, Riser-Gard®, P&C Flex®, and Carlon PVC fittings. Up through 6" diameter.	10°-30°F Use extra caution 30°-50°F 5-6 minutes 50°-70°F 3-4 minutes 70°-90°F 1-2 minutes	40° to 100°F	2 hrs. 350 psi 16 hrs. 800 psi 72 hrs. 1,500 psi	500-900 cps

Part No	Size	Applicator	Description	Ctn. Qty.	Ctn. Wt. (lbs.)
VC9963SC	Pint	Brush	Resi-Gard® Solvent Cement Clear	24	28.0

Meets ASTM D-2564

Clear Primer



Recommended pipe application and sizes	Recommended installation temperature
Recommended for use with Carlon cement	5° to 100°F

Part No	Size	Applicator	Ctn. Qty.	Ctn. Wt. (lbs.)
VC9903	Pint	Dauber	24	27.0
VC9902	Quart	Dauber	12	25.0

Meets ASTM F-686

Purple Primer



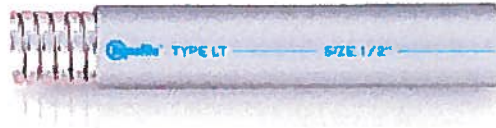
Recommended pipe application and sizes	Recommended installation temperature
Recommended for use with Carlon cement	5° to 100°F

Part No	Size	Applicator	Ctn. Qty.	Ctn. Wt. (lbs.)
VC9932	Quart	Dauber	12	25.0

Meets ASTM F-686



TYPE - LT



[Contact your local Sales Representative](#)
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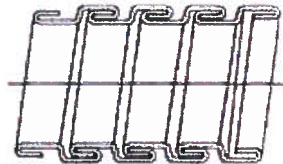
Trade Size	Type	Inside Bend Radius	WT. (Lbs.)/ 100 Ft.	Carton Length	Part #	Reel Length	Part #	Reel Length	Part #	List Price
					Gray / Black		Gray / Black		Gray / Black	Price Per 100 FT
1/4"	LT -140	1.0"	10	250	10002 / -	-	-	-	-	\$138.00
5/16"	LT -516	1.0"	17	250	10012 / -	-	-	-	-	\$151.00
3/8"	LT -10	1.5"	20	100	10101 / 10801	500	10103 / 10803	1000	10104 / 10804	\$193.00
1/2"	LT -11	2.0"	24	100	11101 / 11801	500	11103 / 11803	1000	11104 / 11804	\$208.00
3/4"	LT -12	2.5"	33	100	12102 / 12802	500	12104 / 12804	1000	12110 / 12810	\$275.00
1"	LT -13	3.0"	53	100	13102 / 13802	400	13104 / 13804	-	-	\$413.00
1-1/4"	LT -14	3.5"	68	50	14102 / 14802	200	14104 / 14804	-	-	\$574.00
1-1/2"	LT -15	4.5"	88	50	15102 / 15802	150	15104 / 15804	-	-	\$780.00
2"	LT -16	5.5"	102	50	16102 / 16802	100	16104 / 16804	-	-	\$1,019.00
2-1/2"	LA/LT - 17	8.0"	192	25	27102 / 27802	275	27105 / 27805	-	-	\$1,905.00
3"	LA/LT - 18	10.0"	252	25	28102 / 28802	175	28105 / 28805	-	-	\$2,632.00
3-1/2"	LA/LT - 350	11.0"	308	25	28502 / -	175	28505 / -	-	-	\$3,736.00
4"	LA/LT - 19	12.0"	350	25	29102 / 29502	100	29105 / 29505	-	-	\$3,984.00
5"	LT - 500	17.5"	468	25	15502 / 15582	-	-	-	-	\$8,376.00
6"	LT - 600	22.5"	572	25	16602 / 16682	-	-	-	-	\$12,728.00

SIZES: 5/16" - 2"

SIZES: 2-1/2" - 6"



Squarelock with Filler



Interlock

See [Chart for Dimensions and Tolerances.](#)

TYPE - LT

A general purpose flexible liquidtight steel conduit designed for a variety of installations requiring motion, vibration and bending. It offers good mechanical and moisture protection to enclosed conductors.

CONSTRUCTION:

The flexible inner core is made from a spiral wound strip of corrosion resistant plated steel. The 1/4 through 2 inch trade sizes are squarelock formed and, with the exception of the 1/4 inch size, contain a nylon cord packing within the convolutions.

The larger sizes are constructed with a fully interlocked strip for added strength and to prevent unraveling.

A flexible yet durable PVC jacket is extruded over this core creating a liquidtight conduit resistant to most oils, acids and vapors present in industrial

environments.

Refer to the Chemical Resistance Chart.

APPLICATION:

This conduit is used extensively in the machine tool and other industrial environments where flexibility is necessary for installation, maintenance or where vibration and movement must be absorbed. The inherent Sunlight Resistance of PVC enables this product to be used in outdoor applications. Compatible with Standard Liquidtight Connectors.

JIC -

Manufactured in accordance with the dimensions and specifications as outlined by the Joint Industrial Council Standard for Mass Production Equipment and Machine Tools.

Tests Include:

[WEEE and RoHS Compliant](#)

STANDARD COLORS:

Machine tool Gray and Black. Other colors available upon request.

WORKING TEMPERATURES:

-20°C to 80°C

Flexibility: [See the Flexibility Comparison Guide](#)

Metal Used: Steel

Plastic Used: PVC [See the Chemical Resistance Guide](#)

High Mech. Strength	Listed For Direct Burial	Halogen Free	Low Fire Hazard	Accepts Standard Liquidtight Fittings	Self Extinguish	EMI/RFI Shielding	Oil Resistance	Acid Resistance
				X			X	X

Liquidtight Fittings

Type 4Q – Straight

Use:

To secure, ground and seal Liquidtight Flexible Metal Conduit, Type LFMC, to boxes and enclosures.

Features:

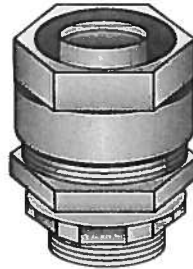
- Tapered threaded male hub NPT
- Compact, slim diameter with small turning radius
- Furnished with locknut and KO sealing ring
- Liquidtight/Raintight/Oiltight/Concretetight
- UL Listed NEMA Type 4 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1½" and larger require thread sealant).
- Suitable for grounding through 1¼" Trade Size per NEC Section 250.118(7)
- For Trade Sizes 1¼" and larger, an internal or external equipment bonding conductor is required. See 4Q-L Series with external ground lug in Catalog Section GB.
- Suitable for use in the following Hazardous Locations:
 - Class I, Div. 2 per NEC 501.4(B)
 - Class I, Zone 2 per NEC 505.15(C)(2)
 - Class II, Div. 1 per NEC 502.4(A)(1)(e)
 - Class II, Div. 2 per NEC 502.4(B)(2)
 - Class III, Div. 1 per NEC 503.3(A)(2)
 - Class III, Div. 2 per NEC 503.3(B)
 - Intrinsically Safe per NEC 504.20
- Bonding Wedge Locknuts are recommended in Hazardous Locations. See 101 Series on Page DB8.
- Suitable for wet locations
- Long ferrule prevents pullout and tight bend conduit "pop-out"
- Reusable ferrule
- Inspection windows in ferrule to ensure full engagement
- See Page GC4 for our patented Ferrule Wrench which makes ferrule installation easy.

Material/Finish:

Malleable Iron Body and Nut, Zinc Electroplated. Steel Ferrule, Zinc Electroplated.

Optional Finish:

Available Hot Dip/Mechanically Galvanized, See 4Q-TG Series in Catalog Section GC.



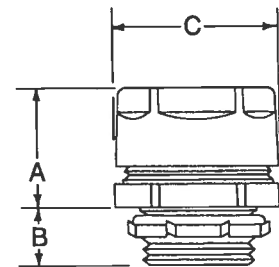
Type 4Q-38 — Type 4Q-200



Type 4Q-250 — Type 4Q-600

Trade Size (inches)	Catalog Number	Insulated Throat Catalog Number	Dimensions in Inches		
			A	B	C
⅜ (½ KO)	4Q-38	4Q-38T	1	½	1½
½	4Q-50	4Q-50T	1	½	1½
¾	4Q-75	4Q-75T	1½	¾	1½
1	4Q-100	4Q-100T	1½	¾	1½
1¼	4Q-125	4Q-125T	1¾	¾	2½
1½	4Q-150	4Q-150T	1¾	¾	2¾
2	4Q-200	4Q-200T	1½	¾	3¼
2½	4Q-250	4Q-250T	2	1	4¾
3	4Q-300	4Q-300T	2	1½	4¾
3½	4Q-350	4Q-350T	2½	1½	4¾
4	4Q-400	4Q-400T	2½	1½	6¾
5	4Q-500*	4Q-500T*	2¾	1½	7¾
6	4Q-600*	4Q-600T*	2¾	1½	8¾

*UL Listing not applicable
*CSA Certification not applicable



Third Party Certification:



UL Listed: 11853



CSA Certified: 009795

Applicable Third Party Standards:

UL Standard: 514B
CSA Standard: C22.2 No. 18
NEMA: FB-1
Federal Spec: W-F-406E

Liquidtight Fittings

Type 4Q - 45° & 90°

Use:

To secure, ground and seal Liquidtight Flexible Metal conduit, Type LFMC, to boxes and enclosures.

Features:

- Tapered threaded male hub NPT.
- Compact, slim diameter with small turning radius.
- Furnished with locknut and KO sealing ring.
- Liquidtight/Raintight/Oiltight/Concretetight
- UL Listed NEMA Type 4 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1½" and larger require thread sealant).
- Suitable for grounding through 1½" Trade Size per NEC Section 250.118(7)
- For Trade Sizes 1½" and larger, an internal or external equipment bonding conductor is required. See 4Q-L Series with external ground lug in Catalog Section GB.
- Suitable for use in the following Hazardous Locations:
 - Class I, Div. 2 per NEC 501.4(B)
 - Class I, Zone 2 per NEC 505.15(C)(2)
 - Class II, Div. 1 per NEC 502.4(A)(1)(e)
 - Class II, Div. 2 per NEC 502.4(B)(2)
 - Class III, Div. 1 per NEC 503.3(A)(2)
 - Class III, Div. 2 per NEC 503.3(B)
- Intrinsically Safe per NEC 504.20
- Bonding Wedge Locknuts are recommended in Hazardous Locations. See 101 Series on Page DB8.
- Suitable for wet locations.
- Long ferrule prevents pullout and tight bend conduit "pop-out".
- Reusable ferrule.
- Inspection windows in ferrule to ensure full engagement.
- See Page GC4 for our patented Ferrule Wrench which makes ferrule installation easy.

Material/Finish:

Malleable Iron Body and Nut, Zinc Electroplated. Steel Ferrule, Zinc Electroplated.

Optional Finish:

Available Hot-Dip/Mechanically Galvanized, See "4Q-TG" Series in Catalog Section GC.

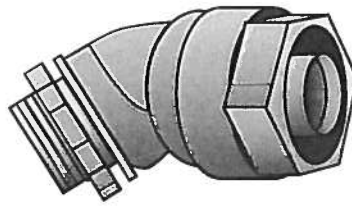
Third Party Certification:

 UL Listed: 11853

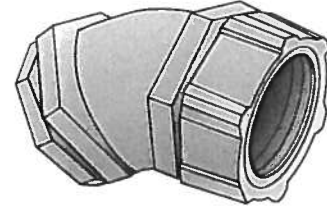
 CSA Certified: 009795

Applicable Third Party Standards:

UL Standard: 514B
CSA Standard: C22.2 No. 18
NEMA: FB-1
Federal Spec: W-F-406E



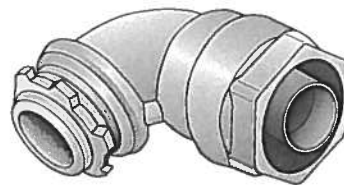
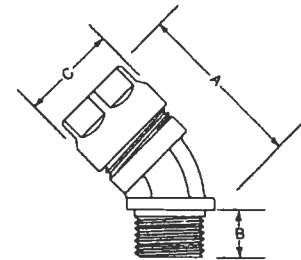
Type 4Q-438 — Type 4Q-4200



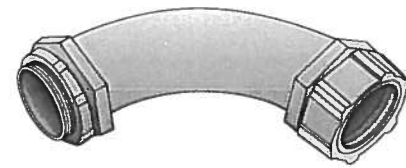
Type 4Q-4250 — Type 4Q-4500

Trade Size (inches)	Catalog Number	Insulated Throat Catalog Number	Dimensions in Inches		
			A	B	C Dia.
⅜ (½ KO)	4Q-438	4Q-438T	1 ⅛	⅞	1 ⅛
½	4Q-450	4Q-450T	1 ⅛	⅞	1 ¼
¾	4Q-475	4Q-475T	2 ¼	⅞	1 ½
1	4Q-4100	4Q-4100T	2 ½	½	1 ¼
1 ¼	4Q-4125	4Q-4125T	3 ¼	¾	2 ¼
1 ½	4Q-4150	4Q-4150T	3 ¾	¾	2 ¾
2	4Q-4200	4Q-4200T	4	¾	3
2 ½	4Q-4250	4Q-4250T	5 ½	1	4 ¾
3	4Q-4300	4Q-4300T	6 ½	1 ¼	4 ¾
4	4Q-4400	4Q-4400T	7 ½	1 ½	6 ¾
5	4Q-4500*	4Q-4500T*	8	1 ¾	7 ¾

*UL Listing not applicable



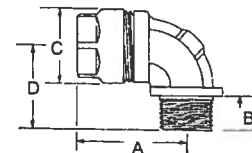
Type 4Q-938 — Type 4Q-9200



Type 4Q-9250 — Type 4Q-9500

Trade Size (inches)	Catalog Number	Insulated Throat Catalog Number	Dimensions in Inches			
			A	B	C	D
⅜ (½ KO)	4Q-938	4Q-938T	1 ⅛	⅞	1 ¼	1 ¼
½	4Q-950	4Q-950T	1 ⅛	⅞	1 ¼	1 ¼
¾	4Q-975	4Q-975T	1 ⅞	½	1 ½	1 ½
1	4Q-9100	4Q-9100T	2	½	1 ¼	1 ¾
1 ¼	4Q-9125	4Q-9125T	2 ¼	¾	2 ¼	2 ¾
1 ½	4Q-9150	4Q-9150T	2 ¾	¾	2 ¾	2 ¾
2	4Q-9200	4Q-9200T	3 ¾	¾	3	2 ¾
2 ½	4Q-9250	4Q-9250T	7 ½	1	4 ¾	7 ¾
3	4Q-9300	4Q-9300T	8 ¾	1 ¼	4 ¾	8 ¾
4	4Q-9400	4Q-9400T	11 ¾	1 ½	6 ¾	11
5	4Q-9500*	4Q-9500T*	14	1 ¾	7 ¾	14

*UL Listing not applicable





McDADE-WOODCOCK, INC.

HAROLD D. THOMPSON RWRF HEADWORKS BUILDING

**McDADE-WOODCOCK INC.
PROJECT NUMBER - 1402**

ELECTRICAL SUBMITTAL

RACEWAYS & BOXES

16130-001

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GRC, Aluminum RMC, EMT, (to
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PVC/GRC (to include elbows,
nipples, couplings, fittings &
boxes)**
- TAB 3: Conduit –
PVC (to include elbows, couplings,
etc)**
- TAB 4: Flexible Metal Conduit**
- TAB 5: Boxes & Enclosures**

CORPORATE

2404 Claremont Ave. NE
Albuquerque, NM 87107

Mailing Address
P.O. Box 11592
Albuquerque, NM 87192

Ph 505-884-0155
Fax 505-884-6073

DENVER

10700 E. Geddes Avenue
Suite 170
Englewood CO 80112

Ph 303-803-1809
Fax 303-803-1818

COLORADO SPRINGS

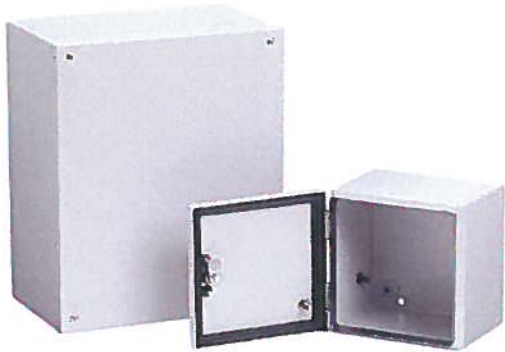
7222 Commerce Center Drive
Suite 245
Colorado Springs, CO 80919

Mailing Address
P.O. Box 7349
Colorado Springs, CO 80933

Ph 719-264-1236
Fax 719-264-1450

INLINE® Enclosures

INLINE® EMC, Type 1



Industry Standards

Mounting brackets required to meet UL/CSA external mounting requirement.

UL 508A Listed; Type 1; File No. E61997 cUL Listed per CSA C22.2 No. 94; Type 1; File No. E61997

NEMA/EEMAC Type 1
IEC 60529, IP40

Application

INLINE® EMC Enclosures provide style, functionality and EMC protection. The flush body-to-door design can be secured by either screws or quarter-turn latches, making these enclosures an excellent choice for applications requiring an aesthetic appearance.

Specifications

- 16 gauge (1.4-mm) steel
- Seams continuously welded and ground smooth
- External formed body flange
- Large perimeter body opening
- Fastening holes in back of body for direct mounting or optional external mounting brackets
- Bonding provision (M6) on cover; grounding stud (M6) on body
- Metalized non-woven fabric EMI/RFI material covering UL94HP-rated urethane foam gasket
- Plated interior surfaces for gasket contact areas and conduit entries
- Furnished hardware kit consists of panel mounting screws, grounding hardware and sealing washers for wall-mounting holes
- Installation instructions
- Shielding effectiveness greater than 50 dB at 1 GHz

INLINE EMC Screw-Cover Enclosures

- Captivated cover screws with sealing bushings
- Integral gasket compression stops

INLINE EMC Hinged-Door Enclosures

- 180-degree door opening
- Removable solid door with two barrel hinges
- Self-grounding quarter-turn latch

Finish

Textured RAL 7035 light-gray polyester powder coating inside and out over a plated interior

Accessories

See also Accessories.

- DIN Rail or Panel-Mounting Brackets
- DIN3 Rails
- Grounding Kit
- Lock Inserts
- Mounting-Bracket Kit
- Panels for Junction Boxes
- Wing Knob Latch

Bulletin: A53

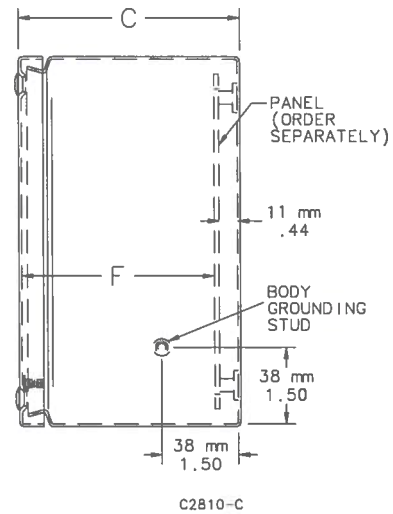
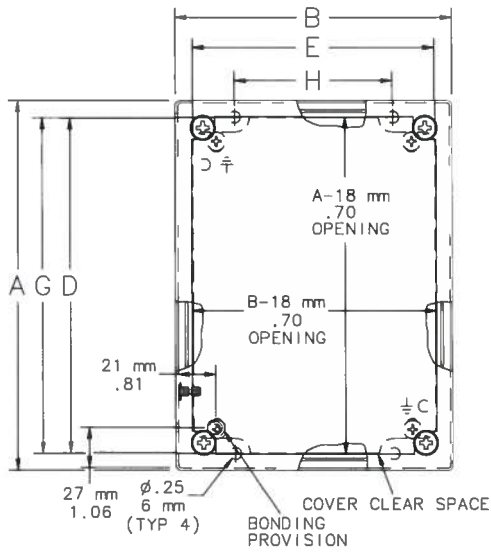
INLINE® Enclosures

Standard Product **INLINE Screw-Cover EMC Enclosures**

Catalog Number	AxBxC In./mm	Steel Panel	Conductive Steel Panel	Panel Size	Mounting	F
				D x E mm/in.	G x H mm/in.	mm/in.
LSC151512EMC	5.91 x 5.91 x 4.72	LP1515	LP1515G	131 x 131	132 x 85	105
	150 x 150 x 120			5.16 x 5.16	5.20 x 3.35	4.13
LSC201512EMC	7.87 x 5.91 x 4.72	LP2015	LP2015G	181 x 131	182 x 85	105
	200 x 150 x 120			7.13 x 5.16	7.17 x 3.35	4.13
LSC252015EMC	9.84 x 7.87 x 5.91	LP2520	LP2520G	231 x 181	232 x 135	135
	250 x 200 x 150			9.09 x 7.13	9.13 x 5.31	5.31
LSC302515EMC	11.81 x 9.84 x 5.91	LP3025	LP3025G	281 x 231	282 x 185	135
	300 x 250 x 150			11.06 x 9.09	11.10 x 7.28	5.31
LSC353020EMC	13.78 x 11.81 x 7.87	LP3530	LP3530G	331 x 281	332 x 235	185
	350 x 300 x 200			13.03 x 11.06	13.07 x 9.25	7.28

Purchase panels separately.

INLINE Screw Cover Enclosure



NOTE: Rear mounting holes will accommodate M6-1.0 or 1/4-20 UNC mounting screws (supplied by customer)

Screw-Cover Type 3R Boxes and Enclosures

Screw-Cover, Type 3R



Industry Standards

UL 50, 50E Listed; Type 3R; File No. E27525
cUL Listed per CSA C22.2 No 94; Type 3R; File No. E27525

NEMA/EEMAC Type 3R
IEC 60529, IP32

Application

Use this enclosure with or without knockouts in outdoor applications as a wiring or junction box.

Features

- Drip shield top and seam-free sides, front and back
- Slip-on removable cover fastened with plated steel screws along bottom edge
- Handles on larger sizes (see table)
- Embossed mounting holes on back of enclosure
- Knockouts in bottom of 16 and 14 gauge enclosures
- Provision for padlocking
- No gasketing

Specifications

- 16, 14 or 12 gauge galvanized steel

Finish

ANSI 61 gray polyester powder paint finish inside and out over pretreated surfaces.

Accessories

See also *Accessories*.
Industrial Corrosion Inhibitors
Electric Heater
Grounding Device
Mounting Bracket Kit
Touch-Up Paint

Bulletin: A90S3

Standard Product

Catalog Number	AxBxC In./mm	Body Style	D In./mm	Mounting H In./mm	Mounting J In./mm	Knockout Pattern
A4R44	4.00 x 4.00 x 4.00 102 x 102 x 102	A	— —	1.88 48	2.00 51	B-C
A6R44	6.00 x 4.00 x 4.00 152 x 102 x 102	A	— —	1.88 48	1.06 27	B-C
A12R44	12.00 x 4.00 x 4.00 305 x 102 x 102	A	— —	1.88 48	1.06 27	B-C
A6R64	6.00 x 6.00 x 4.00 152 x 152 x 102	A	— —	2.25 57	1.06 27	B-C-D
A8R64	8.00 x 6.00 x 4.00 203 x 152 x 102	A	— —	2.25 57	1.06 27	B-C-D
A8R84	8.00 x 8.00 x 4.00 203 x 203 x 102	A	— —	2.25 57	1.06 27	F-G-H-I
A10R84	10.00 x 8.00 x 4.00 254 x 203 x 102	A	— —	2.25 57	1.06 27	F-G-H-I
A12R84	12.00 x 8.00 x 4.00 305 x 203 x 102	A	— —	2.25 57	1.06 27	F-G-H-I
A10R104	10.00 x 10.00 x 4.00 254 x 254 x 102	A	— —	2.25 57	1.06 27	C-D-E-F-G
A12R104	12.00 x 10.00 x 4.00 305 x 254 x 102	A	— —	2.25 57	1.06 27	C-D-E-F-G
A12R124	12.00 x 12.00 x 4.00 305 x 305 x 102	A	— —	2.25 57	1.06 27	C-D-E-F-G
A18R124	18.00 x 12.00 x 4.00 457 x 305 x 102	A	— —	2.25 57	1.06 27	C-D-E-F-G
A18R184	18.00 x 18.00 x 4.00 457 x 457 x 102	B	— —	13.00 330	1.12 28	A-B-C-D-E-F-G-H-I
A6R66	6.00 x 6.00 x 6.00 152 x 152 x 152	A	— —	2.25 57	1.06 27	B-C-D
A8R86	8.00 x 8.00 x 6.00 203 x 203 x 152	A	— —	2.25 57	1.06 27	F-G-H-I
A10R86	10.00 x 8.00 x 6.00 254 x 203 x 152	A	— —	2.25 57	1.06 27	F-G-H-I
A10R106	10.00 x 10.00 x 6.00 254 x 254 x 152	A	— —	2.25 57	1.06 27	C-D-E-F-G
A12R86	12.00 x 8.00 x 6.00 305 x 203 x 152	A	— —	2.25 57	1.06 27	F-G-H-I
A12R106	12.00 x 10.00 x 6.00 305 x 254 x 152	A	— —	2.25 57	1.06 27	C-D-E-F-G
A12R126	12.00 x 12.00 x 6.00 305 x 305 x 152	A	— —	2.25 57	1.06 27	C-D-E-F-G
A15R126	15.00 x 12.00 x 6.00 381 x 305 x 152	A	— —	2.25 57	1.06 27	C-D-E-F-G

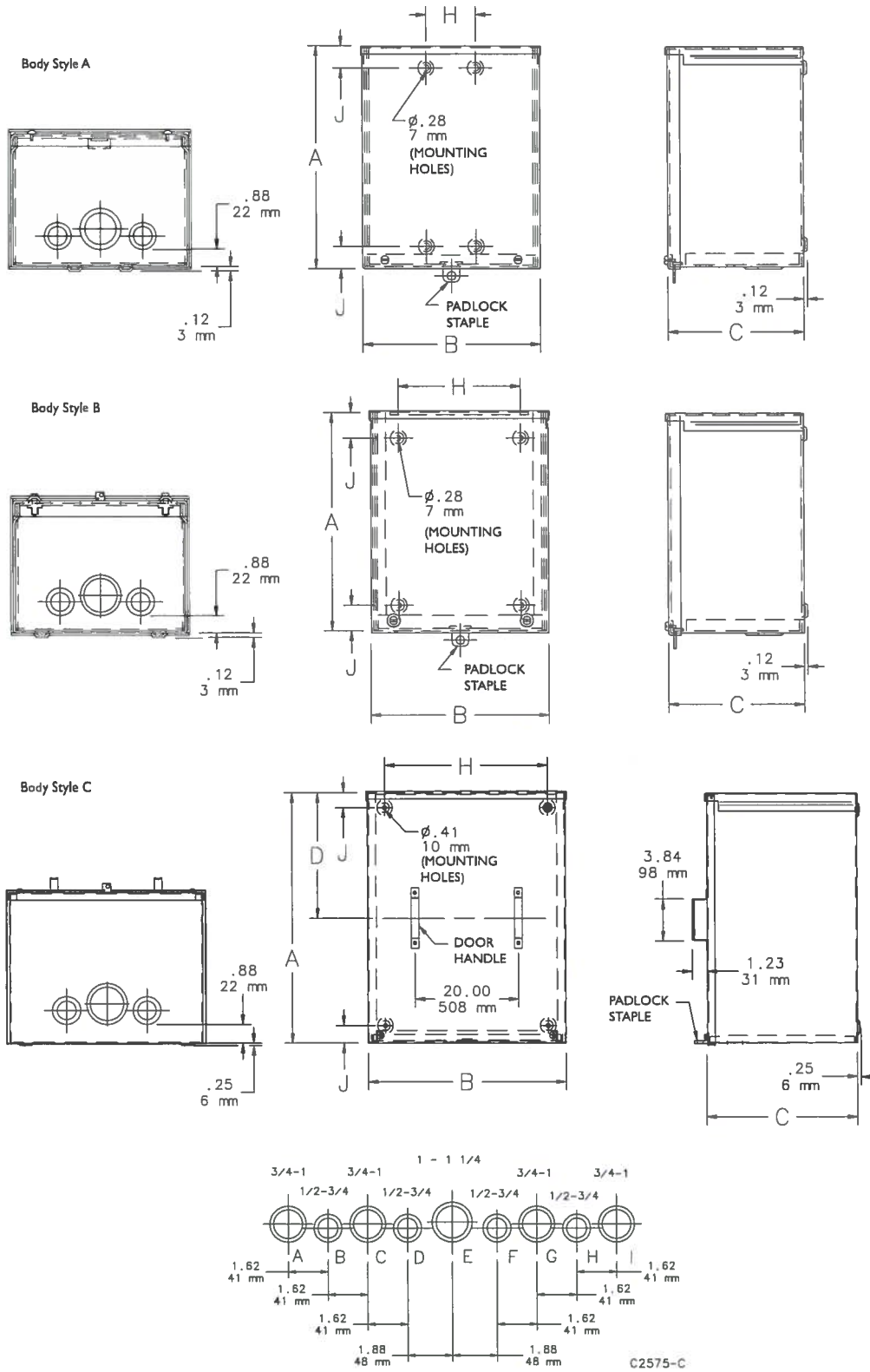
Screw-Cover Type 3R Boxes and Enclosures

Catalog Number	AxBxC In./mm	Body Style	D In./mm	Mounting H In./mm	Mounting J In./mm	Knockout Pattern
A16R126	16.00 x 12.00 x 6.00 406 x 305 x 152	A	— —	2.25 57	1.06 27	C-D-E-F-G
A18R126	18.00 x 12.00 x 6.00 457 x 305 x 152	A	— —	2.25 57	1.06 27	C-D-E-F-G
A18R186	18.00 x 18.00 x 6.00 457 x 457 x 152	B	— —	13.00 330	1.12 28	A-B-C-D-E-F-G-H-I
A24R126	24.00 x 12.00 x 6.00 610 x 305 x 152	B	— —	13.00 330	1.12 28	C-D-E-F-G
A24R186	24.00 x 18.00 x 6.00 610 x 457 x 152	B	— —	13.00 330	1.12 28	A-B-C-D-E-F-G-H-I
A24R246	24.00 x 24.00 x 6.00 610 x 610 x 152	B	— —	13.00 330	1.12 28	A-B-C-D-E-F-G-H-I
A8R88	8.00 x 8.00 x 8.00 203 x 203 x 203	A	— —	2.25 57	1.06 27	F-G-H-I
A12R128	12.00 x 12.00 x 8.00 305 x 305 x 203	A	— —	2.25 57	1.06 27	C-D-E-F-G
A15R128	15.00 x 12.00 x 8.00 381 x 305 x 203	A	— —	2.25 57	1.06 27	C-D-E-F-G
A18R128	18.00 x 12.00 x 8.00 457 x 305 x 203	A	— —	2.25 57	1.12 28	C-D-E-F-G
A24R168	24.00 x 16.00 x 8.00 610 x 407 x 203	B	— —	13.00 330	1.12 28	C-D-E-F-G
A18R188	18.00 x 18.00 x 8.00 457 x 457 x 203	B	— —	13.00 330	1.12 28	A-B-C-D-E-F-G-H-I
A24R188	24.00 x 18.00 x 8.00 610 x 457 x 203	B	— —	13.00 330	1.12 28	A-B-C-D-E-F-G-H-I
A24R208	24.00 x 20.00 x 8.00 610 x 508 x 203	B	— —	13.00 330	1.12 28	A-B-C-D-E-F-G-H-I
A24R248	24.00 x 24.00 x 8.00 610 x 610 x 203	C	12.19 310	13.00 330	1.12 28	A-B-C-D-E-F-G-H-I
A30R248	30.00 x 24.00 x 8.00 762 x 610 x 203	C	15.19 386	13.00 330	1.12 28	A-B-C-D-E-F-G-H-I
A48R368	48.00 x 36.00 x 8.00 1219 x 914 x 203	C	24.19 614	33.00 838	1.50 38	A-B-C-D-E-F-G-H-I
A18R1810	18.00 x 18.00 x 10.00 457 x 457 x 254	B	— —	13.00 330	1.12 28	A-B-C-D-E-F-G-H-I
A24R1810	24.00 x 18.00 x 10.00 610 x 457 x 254	B	— —	13.00 330	1.12 28	A-B-C-D-E-F-G-H-I
A24R2410	24.00 x 24.00 x 10.00 610 x 610 x 254	C	12.19 310	13.00 330	1.12 28	A-B-C-D-E-F-G-H-I
A30R2410	30.00 x 24.00 x 10.00 762 x 610 x 254	C	15.19 386	13.00 330	1.50 38	A-B-C-D-E-F-G-H-I
A24R2412	24.00 x 24.00 x 12.00 610 x 610 x 305	C	12.19 310	13.00 330	1.12 28	A-B-C-D-E-F-G-H-I
A30R3012	30.00 x 30.00 x 12.00 762 x 762 x 305	C	15.19 386	27.00 686	1.50 38	A-B-C-D-E-F-G-H-I
A36R3012	36.00 x 30.00 x 12.00 914 x 762 x 305	C	18.19 462	27.00 686	1.50 38	A-B-C-D-E-F-G-H-I
A36R3612	36.00 x 36.00 x 12.00 914 x 914 x 305	C	18.19 462	33.00 838	1.50 38	A-B-C-D-E-F-G-H-I
A30R3016	30.00 x 30.00 x 16.00 762 x 762 x 406	C	15.19 386	27.00 686	1.50 38	A-B-C-D-E-F-G-H-I
A48R3616	48.00 x 36.00 x 16.00 1219 x 914 x 406	C	24.19 614	33.00 838	1.50 38	A-B-C-D-E-F-G-H-I
A4R44NK	4.00 x 4.00 x 4.00 102 x 102 x 102	A	— —	1.88 48	2.00 51	—
A6R64NK	6.00 x 6.00 x 4.00 152 x 152 x 102	A	— —	2.25 57	1.06 27	—
A8R64NK	8.00 x 6.00 x 4.00 203 x 152 x 102	A	— —	2.25 57	1.06 27	—
ABR84NK	8.00 x 8.00 x 4.00 203 x 203 x 102	A	— —	2.25 57	1.06 27	—
A10R84NK	10.00 x 8.00 x 4.00 254 x 203 x 102	A	— —	2.25 57	1.06 27	—
A12R84NK	12.00 x 8.00 x 4.00 305 x 203 x 102	A	— —	2.25 57	1.06 27	—
A10R104NK	10.00 x 10.00 x 4.00 254 x 254 x 102	A	— —	2.25 57	1.06 27	—
A12R104NK	12.00 x 10.00 x 4.00 305 x 254 x 102	A	— —	2.25 57	1.06 27	—
A12R124NK	12.00 x 12.00 x 4.00 305 x 305 x 102	A	— —	2.25 57	1.06 27	—
A18R184NK	18.00 x 18.00 x 4.00 457 x 457 x 102	B	— —	13.00 330	1.12 28	—
A6R66NK	6.00 x 6.00 x 6.00 152 x 152 x 152	A	— —	2.25 57	1.06 27	—

Screw-Cover Type 3R Boxes and Enclosures

Catalog Number	AxBxC in./mm	Body Style	D In./mm	Mounting H In./mm	Mounting J In./mm	Knockout Pattern
A18R66NK	18.00 x 6.00 x 6.00	A	—	2.25	1.06	—
	457 x 152 x 152		—	57	27	
A8R86NK	8.00 x 8.00 x 6.00	A	—	2.25	1.06	—
	203 x 203 x 152		—	57	27	
A10R86NK	10.00 x 8.00 x 6.00	A	—	2.25	1.06	—
	254 x 203 x 152		—	57	27	
A10R106NK	10.00 x 10.00 x 6.00	A	—	2.25	1.06	—
	254 x 254 x 152		—	57	27	
A12R106NK	12.00 x 10.00 x 6.00	A	—	2.25	1.06	—
	305 x 254 x 152		—	57	27	
A12R126NK	12.00 x 12.00 x 6.00	A	—	2.25	1.06	—
	305 x 305 x 152		—	57	27	
A15R126NK	15.00 x 12.00 x 6.00	A	—	2.25	1.06	—
	381 x 305 x 152		—	57	27	
A16R126NK	16.00 x 12.00 x 6.00	A	—	2.25	1.06	—
	406 x 305 x 152		—	57	27	
A18R126NK	18.00 x 12.00 x 6.00	A	—	2.25	1.06	—
	457 x 305 x 152		—	57	27	
A18R186NK	18.00 x 18.00 x 6.00	B	—	13.00	1.12	—
	457 x 457 x 152		—	330	28	
A24R186NK	24.00 x 18.00 x 6.00	B	—	13.00	1.12	—
	610 x 457 x 152		—	330	28	
A24R246NK	24.00 x 24.00 x 6.00	B	—	13.00	1.12	—
	610 x 610 x 152		—	330	28	
A8R88NK	8.00 x 8.00 x 8.00	A	—	2.25	1.06	—
	203 x 203 x 203		—	1.06	27	
A24R88NK	24.00 x 8.00 x 8.00	A	—	2.25	1.06	—
	610 x 203 x 203		—	1.06	27	
A12R128NK	12.00 x 12.00 x 8.00	A	—	2.25	1.06	—
	305 x 305 x 203		—	57	27	
A15R128NK	15.00 x 12.00 x 8.00	A	—	2.25	1.06	—
	381 x 305 x 203		—	57	27	
A18R128NK	18.00 x 12.00 x 8.00	A	—	2.25	1.12	—
	457 x 305 x 203		—	57	28	
A18R188NK	18.00 x 18.00 x 8.00	B	—	13.00	1.12	—
	457 x 457 x 203		—	330	28	
A24R188NK	24.00 x 18.00 x 8.00	B	—	13.00	1.12	—
	610 x 457 x 203		—	330	28	
A24R208NK	24.00 x 20.00 x 8.00	B	—	13.00	1.12	—
	610 x 508 x 203		—	330	28	
A24R248NK	24.00 x 24.00 x 8.00	C	12.19	13.00	1.12	—
	610 x 610 x 203		310	330	28	
A30R248NK	30.00 x 24.00 x 8.00	C	15.19	13.00	1.12	—
	762 x 610 x 203		386	330	28	
A48R368NK	48.00 x 36.00 x 8.00	C	24.19	33.00	1.50	—
	1220 x 915 x 203		614	838	38	
A24R2410NK	24.00 x 24.00 x 10.00	C	12.19	13.00	1.12	—
	610 x 610 x 254		310	330	28	
A24R2412NK	24.00 x 24.00 x 12.00	C	12.19	13.00	1.12	—
	610 x 610 x 305		310	330	28	
A30R3012NK	30.00 x 30.00 x 12.00	C	15.19	27.00	1.50	—
	762 x 762 x 305		386	686	38	
A36R3012NK	36.00 x 30.00 x 12.00	C	18.19	27.00	1.50	—
	914 x 762 x 305		462	686	38	
A36R3612NK	36.00 x 36.00 x 12.00	C	18.19	33.00	1.50	—
	914 x 914 x 305		462	838	38	
A30R3016NK	30.00 x 30.00 x 16.00	C	15.19	27.00	1.50	—
	762 x 762 x 406		386	686	38	
A48R3616NK	48.00 x 36.00 x 16.00	C	24.19	33.00	1.50	—
	1219 x 915 x 406		614	838	38	

Screw-Cover Type 3R Boxes and Enclosures



Hinged-Cover Junction Boxes

Continuous Hinge with Quarter-Turn Fast Latch, Type 4



Features

- Quarter-turn latch with screw-driver slot for easy access
- Seamless foam-in-place gasket
- Weldnuts provided for mounting optional panels and terminal block kits in size 6.00 x 4.00 in. (152 x 102 mm) and larger

Specifications

- 16 or 14 gauge steel (see table)
- Seams continuously welded and ground smooth
- Continuous hinge
- Bonding provision on door
- External wall-mounting brackets
- Oil-resistant gasket

Finish

RAL 7035 gray polyester powder paint inside and out.

Accessories

See also Accessories.

Panels for Junction Boxes
Junction Box and Wall-Mount Enclosure Swing Out Panel Kit
Terminal Block Kit Assembly for Junction Boxes Overview
Steel and Stainless Steel Window Kits

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A51FL

Industry Standards

UL 508A Listed; Type 4, 12; File No. E61997
cUL Listed per CSA C22.2 No. 94 Listed; Type 4, 12; File No. E61997

NEMA/EEMAC Type 4 and 12
IEC 60529, IP 66

Application

This enclosure provides the convenience of quarter-turn latching with an aesthetic, easy-to-maintain light gray textured finish.

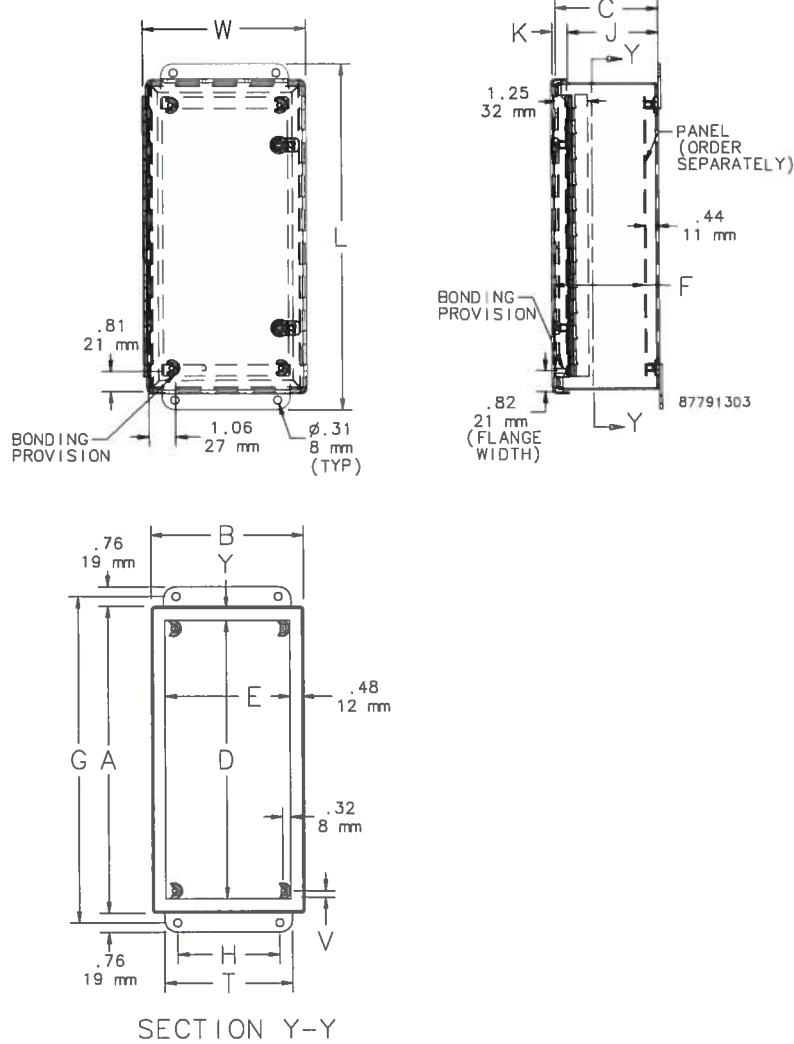
Standard Product

Catalog Number	AxBxC in./mm	Gauge	Panel	Conductive Panel	Panel Size in./mm	Mounting G x H in./mm	Overall L x W in./mm	F in./mm	J in./mm	K in./mm	T in./mm	V in./mm	Y in./mm	No. of Latches
A404CHFL	4.00 x 4.00 x 3.00 102 x 102 x 76	16	No Panel	No Panel	No Panel No Panel	4.75 x 2.00 121 x 51	5.50 x 4.41 140 x 112	—	2.62 66	0.54 14	3.00 76	—	—	1
A604CHFL	6.00 x 4.00 x 3.00 152 x 102 x 76	16	A6P4	A6P4G	4.88 x 2.88 124 x 73	6.75 x 2.00 171 x 51	7.50 x 4.41 191 x 112	2.53 64	2.62 66	0.54 14	3.00 76	0.31 8	0.56 14	1
A806CHFL	8.00 x 6.00 x 3.50 203 x 152 x 89	14	A8P6	A8P6G	6.75 x 4.88 171 x 124	8.75 x 4.00 222 x 102	9.50 x 6.41 241 x 163	3.03 77	3.12 79	0.56 14	5.00 127	0.25 6	0.62 16	2
A4044CHFL	4.00 x 4.00 x 4.00 102 x 102 x 102	16	No Panel	No Panel	No Panel No Panel	4.75 x 2.00 121 x 51	5.50 x 4.41 140 x 112	—	3.62 92	0.54 14	3.00 76	—	—	1
A6044CHFL	6.00 x 4.00 x 4.00 152 x 102 x 102	16	A6P4	A6P4G	4.88 x 2.88 124 x 73	6.75 x 2.00 171 x 51	7.50 x 4.41 191 x 112	3.53 90	3.62 92	0.54 14	3.00 76	0.31 8	0.56 14	1
A606CHFL	6.00 x 6.00 x 4.00 152 x 152 x 102	16	A6P6	A6P6G	4.88 x 4.88 124 x 124	6.75 x 4.00 171 x 102	7.50 x 6.41 191 x 163	3.53 90	3.62 92	0.54 14	5.00 127	0.31 8	0.56 14	1
A808CHFL	8.00 x 8.00 x 4.00 203 x 203 x 102	14	A8P8	A8P8G	6.75 x 6.88 171 x 175	8.75 x 6.00 222 x 152	9.50 x 8.41 241 x 214	3.53 90	3.62 92	0.56 14	7.00 178	0.25 6	0.62 16	2
A1008CHFL	10.00 x 8.00 x 4.00 254 x 203 x 102	14	A10P8	A10P8G	8.75 x 6.88 222 x 175	10.75 x 6.00 273 x 152	11.50 x 8.41 292 x 214	3.53 90	3.62 92	0.56 14	7.00 178	0.25 6	0.62 16	2
A12064CHFL	12.00 x 6.00 x 4.00 305 x 152 x 102	14	A12P6	A12P6G	10.75 x 4.88 273 x 124	12.75 x 4.00 324 x 102	13.50 x 6.41 343 x 163	3.53 90	3.62 92	0.56 14	5.00 127	0.25 6	0.62 16	2
A1210CHFL	12.00 x 10.00 x 5.00 305 x 254 x 127	14	A12P10	A12P10G	10.75 x 8.88 273 x 226	12.75 x 8.00 324 x 203	13.50 x 10.41 343 x 264	4.53 115	4.62 117	0.56 14	9.00 229	0.25 6	0.62 16	2
A8066CHFL	8.00 x 6.00 x 6.00 203 x 152 x 152	14	A8P6	A8P6G	6.75 x 4.88 171 x 124	8.75 x 4.00 222 x 102	9.50 x 6.41 241 x 163	5.53 140	5.62 143	0.56 14	5.00 127	0.25 6	0.62 16	2
A10086CHFL	10.00 x 8.00 x 6.00 254 x 203 x 152	14	A10P8	A10P8G	8.75 x 6.88 222 x 175	10.75 x 6.00 273 x 152	11.50 x 8.41 292 x 214	5.53 140	5.62 (143) 143	0.56 14	7.00 178	0.25 6	0.62 16	2
A10106CHFL	10.00 x 10.00 x 6.00 254 x 254 x 152	14	A10P10	A10P10G	8.75 x 8.88 222 x 226	10.75 x 8.00 273 x 203	11.50 x 10.41 292 x 264	5.53 140	5.62 (143) 143	0.56 14	9.00 229	0.25 6	0.62 16	2
A1212CHFL	12.00 x 12.00 x 6.00 305 x 305 x 152	14	A12P12	A12P12G	10.75 x 10.88 273 x 276	12.75 x 10.00 324 x 254	13.50 x 12.41 343 x 314	5.53 140	5.62 (143) 143	0.56 14	11.00 279	0.25 6	0.62 16	2
A14086CHFL	14.00 x 8.00 x 6.00 356 x 203 x 152	14	A14P8	A14P8G	12.75 x 6.88 324 x 175	14.75 x 6.00 375 x 152	15.50 x 8.41 394 x 214	5.53 140	5.62 (143) 143	0.56 14	7.00 178	0.25 6	0.62 16	2
A1412CHFL	14.00 x 12.00 x 6.00 356 x 305 x 152	14	A14P12	A14P12G	12.75 x 10.88 324 x 276	14.75 x 10.00 375 x 254	15.50 x 12.41 394 x 314	5.53 140	5.62 (143) 143	0.56 14	11.00 279	0.25 6	0.62 16	2
A16106CHFL	16.00 x 10.00 x 6.00 406 x 254 x 152	14	A16P10	A16P10G	14.75 x 8.88 375 x 226	16.75 x 8.00 425 x 203	17.50 x 10.41 445 x 264	5.53 140	5.62 (143) 143	0.56 14	9.00 229	0.25 6	0.62 16	2

Hinged-Cover Junction Boxes

Catalog Number	AxBxC in./mm	Gauge	Panel	Conductive Panel	Panel Size in./mm	Mounting G x H in./mm	Overall L x W in./mm	F in./mm	J in./mm	K in./mm	T in./mm	V in./mm	Y in./mm	No. of Latches
A1614CHFL	16.00 x 14.00 x 6.00	14	A16P14	A16P14G	14.75 x 12.88	16.75 x 12.00	17.50 x 14.41	5.53	5.62 (143)	0.56	13.00	0.25	0.62	2
	406 x 356 x 152				375 x 327	425 x 305	445 x 366	140	143	14	330	6	16	
A12108CHFL	12.00 x 10.00 x 8.00	14	A12P10	A12P10G	10.75 x 8.88	12.75 x 8.00	13.50 x 10.41	7.53	7.62	0.56	9.00	0.25	0.62	2
	305 x 254 x 203				273 x 226	324 x 203	343 x 264	191	194	14	229	6	16	
A14128CHFL	14.00 x 12.00 x 8.00	14	A14P12	A14P12G	12.75 x 10.88	14.75 x 10.00	15.50 x 12.41	7.53	7.62	0.56	11.00	0.25	0.62	2
	356 x 305 x 203				324 x 276	375 x 254	394 x 314	191	194	14	279	6	16	
A16148CHFL	16.00 x 14.00 x 8.00	14	A16P14	A16P14G	14.75 x 12.88	16.75 x 12.00	17.50 x 14.41	7.53	7.62	0.56	13.00	0.25	0.62	2
	407 x 356 x 203				375 x 327	425 x 305	445 x 366	191	194	14	330	6	16	
A161410CHFL	16.00 x 14.00 x 10.00	14	A16P14	A16P14G	14.75 x 12.88	16.75 x 12.00	17.50 x 14.41	9.53	9.62	0.56	13.00	0.25	0.62	2
	407 x 356 x 254				375 x 327	425 x 305	445 x 366	242	244	14	330	6	16	

Purchase panels separately. Optional stainless steel, conductive, composite and aluminum panels are available for most sizes.



Hinge Cover

Continuous-Hinge with Clamps, Type 4X



Industry Standards

UL 50, 50E Listed; Type 3R, 4, 4X, 12; File No. E27567
 cUL Listed per CSA C22.2 No 94; Type 3R, 4, 4X, 12; File No. E27567
 UL 508A Listed; Type 3R, 4, 4X, 12; File No. E61997
 cUL Listed per CSA C22.2 No 94; Type 3R, 4, 4X, 12; File No. E61997

NEMA/EEMAC Type 3R, 4, 4X, 12, 13
 CSA File No. 42184: Type 4, 4X, 12
 IEC 60529, IP66
 Meets NEMA Type 3RX requirements

Application

Used in either indoor or outdoor applications, these enclosures combine a rugged continuous hinge, seamless foam-in-place gasket and stainless steel screw-down clamps for a reliable seal that protects components from corrosive environments.

Specifications

- 16 and 14 gauge Type 304 or 316L stainless steel
- Seams continuously welded and ground smooth
- Seamless foam-in-place gasket
- Stainless steel screws and clamps
- Pull stainless steel continuous hinge pin to remove door
- Weldnuts provided for mounting optional panels and terminal block kits
- Bonding provision on door and body

Finish

Cover and sides of body have smooth #4 brushed finish.

Accessories

See also Accessories.

- Fast-Operating Clamp-Cover Junction Box Clamp
- Lock Kit for Clamp Cover Junction Boxes
- Panels for Junction Boxes
- Terminal Block Kit Assembly for Junction Boxes Overview

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

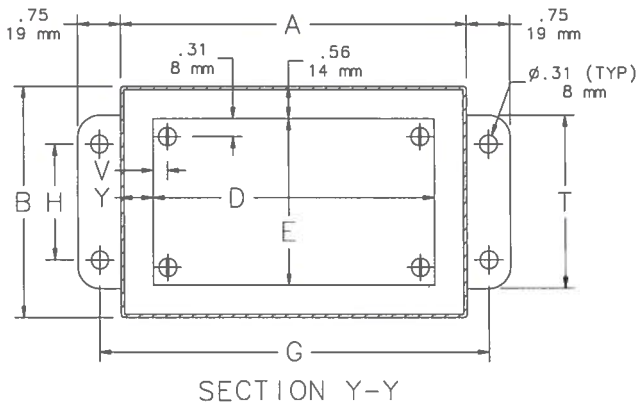
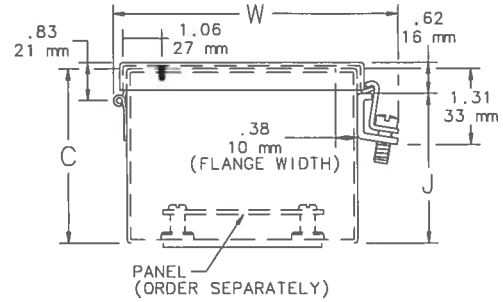
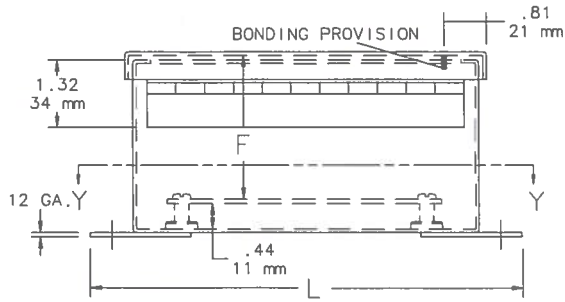
Bulletin: A51S

Standard Product

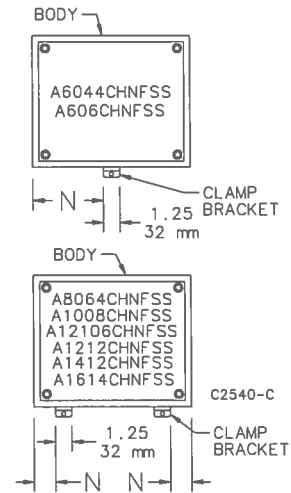
Catalog Number	AxBxC in./mm	Stainless		Body Gauge	Cover Gauge	Steel Panel	Conductive Panel	Panel Size		Mounting		Overall						
		Steel Type	UL Listed					D x E in./mm	G x H in./mm	L x W in./mm	F in./mm	J in./mm	N in./mm	T in./mm	V in./mm	Y in./mm		
A6044CHNF55	6.00 x 4.00 x 4.00 152 x 102 x 102	304	508A	16	16	A6P4	A6P4G	4.88 x 2.88 124 x 73	6.75 x 2.00 171 x 51	7.50 x 4.94 191 x 125	3.50 89	3.62 92	2.38 60	3.00 76	0.31 8	0.56 14		
A606CHNF55	6.00 x 6.00 x 4.00 152 x 152 x 102	304	50, 50E	16	16	A6P6	A6P6G	4.88 x 4.88 124 x 124	6.75 x 4.00 171 x 102	7.50 x 6.94 191 x 176	3.50 89	3.62 92	2.38 60	5.00 127	0.31 8	0.56 14		
A8064CHNF55	8.00 x 6.00 x 4.00 203 x 152 x 102	304	50, 50E	14	16	A8P6	A8P6G	6.75 x 4.88 171 x 124	8.75 x 4.00 222 x 102	9.50 x 6.94 241 x 176	3.50 89	3.62 92	1.38 35	5.00 127	0.25 6	0.62 16		
A1008CHNF55	10.00 x 8.00 x 4.00 254 x 203 x 102	304	50, 50E	14	16	A10P8	A10P8G	8.75 x 6.88 222 x 175	10.75 x 6.00 273 x 152	11.50 x 8.94 292 x 227	3.50 89	3.62 92	1.38 35	7.00 178	0.25 6	0.62 16		
A12106CHNF55	12.00 x 10.00 x 6.00 305 x 254 x 152	304	50, 50E	14	16	A12P10	A12P10G	10.75 x 8.88 273 x 225	12.75 x 8.00 324 x 203	13.50 x 10.94 343 x 278	5.50 140	5.62 143	2.38 60	9.00 229	0.25 6	0.62 16		
A1212CHNF55	12.00 x 12.00 x 6.00 305 x 305 x 152	304	50, 50E	14	16	A12P12	A12P12G	10.75 x 10.88 273 x 276	12.75 x 10.00 324 x 254	13.50 x 12.94 343 x 329	5.50 140	5.62 143	2.38 60	11.00 279	0.25 6	0.62 16		
A1412CHNF55	14.00 x 12.00 x 6.00 356 x 305 x 152	304	50, 50E	14	16	A14P12	A14P12G	12.75 x 10.88 324 x 276	14.75 x 10.00 375 x 254	15.50 x 12.94 394 x 329	5.50 140	5.62 143	2.38 60	11.00 279	0.25 6	0.62 16		
A1614CHNF55	16.00 x 14.00 x 6.00 406 x 356 x 152	304	508A	14	16	A16P14	A16P14G	14.75 x 12.88 375 x 327	16.75 x 12.00 425 x 305	17.50 x 14.94 445 x 379	5.50 140	5.62 143	2.38 60	13.00 330	0.25 6	0.62 16		
A6044CHNF556	6.00 x 4.00 x 4.00 152 x 102 x 102	316L	50, 50E	16	16	A6P4	A6P4G	4.88 x 2.88 124 x 73	6.75 x 2.00 171 x 51	7.50 x 4.94 191 x 125	3.50 89	3.62 92	2.38 60	3.00 76	0.31 8	0.56 14		
A606CHNF556	6.00 x 6.00 x 4.00 152 x 152 x 102	316L	50, 50E	16	16	A6P6	A6P6G	4.88 x 4.88 124 x 124	6.75 x 4.00 171 x 102	7.50 x 6.94 191 x 176	3.50 89	3.62 92	2.38 60	5.00 127	0.31 8	0.56 14		
A8064CHNF556	8.00 x 6.00 x 4.00 203 x 152 x 102	316L	50, 50E	14	16	A8P6	A8P6G	6.75 x 4.88 171 x 124	8.75 x 4.00 222 x 102	9.50 x 6.94 241 x 176	3.50 89	3.62 92	1.38 35	5.00 127	0.25 6	0.62 16		
A1008CHNF556	10.00 x 8.00 x 4.00 254 x 203 x 102	316L	50, 50E	14	16	A10P8	A10P8G	8.75 x 6.88 222 x 175	10.75 x 6.00 273 x 152	11.50 x 8.94 292 x 227	3.50 89	3.62 92	1.38 35	7.00 178	0.25 6	0.62 16		
A12106CHNF556	12.00 x 10.00 x 6.00 305 x 254 x 152	316L	50, 50E	14	16	A12P10	A12P10G	10.75 x 8.88 273 x 225	12.75 x 8.00 324 x 203	13.50 x 10.94 343 x 278	5.50 140	5.62 143	2.38 60	9.00 229	0.25 6	0.62 16		
A1212CHNF556	12.00 x 12.00 x 6.00 305 x 305 x 152	316L	50, 50E	14	16	A12P12	A12P12G	10.75 x 10.88 273 x 276	12.75 x 10.00 324 x 254	13.50 x 12.94 343 x 329	5.50 140	5.62 143	2.38 60	11.00 279	0.25 6	0.62 16		
A1412CHNF556	14.00 x 12.00 x 6.00 356 x 305 x 152	316L	50, 50E	14	16	A14P12	A14P12G	12.75 x 10.88 324 x 276	14.75 x 10.00 375 x 254	15.50 x 12.94 394 x 329	5.50 140	5.62 143	2.38 60	11.00 279	0.25 6	0.62 16		
A1614CHNF556	16.00 x 14.00 x 6.00 406 x 356 x 152	316L	50, 50E	14	16	A16P14	A16P14G	14.75 x 12.88 375 x 327	16.75 x 12.00 425 x 305	17.50 x 14.94 445 x 379	5.50 140	5.62 143	2.38 60	13.00 330	0.25 6	0.62 16		

A6044CHNF55 and A6044CHNF556 UL 508A Listed. The remaining catalog numbers are UL 50 Listed.
 Purchase panels separately. Optional stainless steel, composite and aluminum panels are available for most sizes.

Hinge Cover



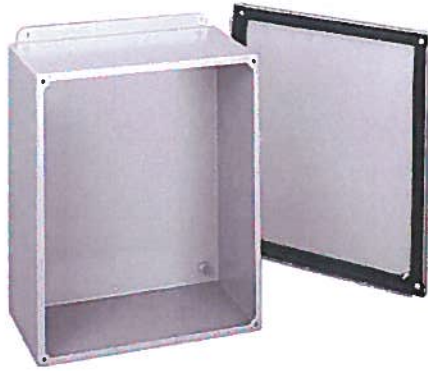
CLAMP BRACKET LOCATIONS



- NOTE:**
- Optional panels are 14 gauge steel, conductive steel or stainless steel
 - Panel screws are #10-32 pan head

Screw-Cover Junction Boxes

Screw Cover, Type 12



Industry Standards

UL 50, 50E Listed; Type 12, 13; File No. E27525
 cUL Listed per CSA C22.2 No. 94; Type 12, 13; File No. E27525
 UL 508A Listed; Type 12, 13; File No. E61997
 cUL Listed per CSA C22.2 No. 94; Type 12, 13; File No. E61997

NEMA/EEMAC: Type 12 and 13
 CSA, File No. 42184: Type 12
 IEC 60529, IP65

Application

Ideal for a broad range of applications, this enclosure's screw cover is secured in each corner for a positive seal but easily removed for modifications.

Specifications

- 16 or 14 gauge steel
- Seams continuously welded and ground smooth
- Bonding provision on cover
- Oil-resistant gasket
- Weldnuts provided for mounting optional panels and terminal block kits in size 6.00 x 4.00 in. (152 x 102 mm) and larger
- External wall-mounting brackets

Finish

ANSI 61 gray polyester powder paint inside and out

Accessories

See also Accessories.

Panels for Junction Boxes

Junction Box and Wall-Mount Enclosure Swing Out Panel Kit

Terminal Block Kit Assembly for Junction Boxes Overview

Steel and Stainless Steel Window Kits

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

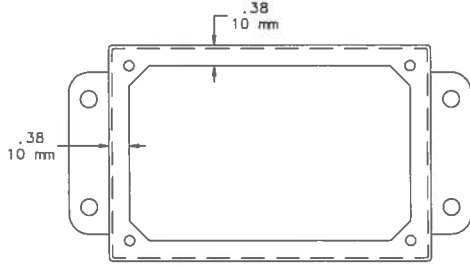
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Standard Product

Catalog Number	AxBxC in./mm	Gauge	UL Listed	Panel	Conductive Panel	Panel Size D x E in./mm	Mounting G x H in./mm	Overall L x W in./mm	F in./mm	J in./mm	K in./mm	T in./mm	V in./mm	Y in./mm
A4045C	4.00 x 4.00 x 3.00	16	508A	No Panel	No Panel	No Panel	4.75 x 2.00	5.50 x 4.23	—	2.50	0.66	3.00	—	—
	102 x 102 x 76					No Panel	121 x 51	140 x 107	—	64	17	76	—	—
A6045C	6.00 x 4.00 x 3.00	16	508A	A6P4	A6P4G	4.88 x 2.88	6.75 x 2.00	7.50 x 4.23	2.53	2.50	0.66	3.00	0.318)	0.56
	152 x 102 x 76					124 x 73	171 x 51	191 x 107	64	64	17	76	8	14
A8065C	8.00 x 6.00 x 3.50	14	50, 50E	A8P6	A8P6G	6.75 x 4.88	8.75 x 4.00	9.50 x 6.28	3.03	3.01	0.67	5.00	0.25	0.62
	203 x 152 x 89					171 x 124	222 x 102	241 x 160	77	76	17	127	6	16
A40445C	4.00 x 4.00 x 4.00	16	508A	No Panel	No Panel	No Panel	4.75 x 2.00	5.50 x 4.23	—	3.50	0.66	3.00	—	—
	102 x 102 x 102					No Panel	121 x 51	140 x 107	—	89	17	76	—	—
A60445C	6.00 x 4.00 x 4.00	16	508A	A6P4	A6P4G	4.88 x 2.88	6.75 x 2.00	7.50 x 4.23	3.53	3.50	0.66	3.00	0.31	0.56
	152 x 102 x 102					124 x 73	171 x 51	191 x 107	90	89	17	76	8	14
A6065C	6.00 x 6.00 x 4.00	16	50, 50E	A6P6	A6P6G	4.88 x 4.88	6.75 x 4.00	7.50 x 6.28	3.53	3.50	0.66	5.00	0.31	0.56
	152 x 152 x 102					124 x 124	171 x 102	191 x 160	90	89	17	127	8	14
A8085C	8.00 x 8.00 x 4.00	14	50, 50E	A8P8	A8P8G	6.75 x 6.88	8.75 x 6.00	9.50 x 8.28	3.53	3.51	0.67	7.00	0.25	0.62
	203 x 203 x 102					171 x 175	222 x 152	241 x 210	90	89	17	178	6	16
A10085C	10.00 x 8.00 x 4.00	14	50, 50E	A10P8	A10P8G	8.75 x 6.88	10.75 x 6.00	11.50 x 8.28	3.53	3.51	0.67	7.00	0.25	0.62
	254 x 203 x 102					222 x 175	273 x 152	292 x 210	90	89	17	178	6	16
A10105C	10.00 x 10.00 x 4.00	14	50, 50E	A10P10	A10P10G	8.75 x 8.88	10.75 x 8.88	11.50 x 10.28	3.53	3.51	0.67	9.00	0.25	0.62
	254 x 254 x 102					222 x 226	273 x 203	292 x 261	90	89	17	229	6	16
A12105C	12.00 x 10.00 x 5.00	14	50, 50E	A12P10	A12P10G	10.75 x 8.88	12.75 x 8.00	13.50 x 10.28	4.53	4.51	0.67	9.00	0.25	0.62
	305 x 254 x 127					273 x 226	324 x 203	343 x 261	115	115	17	229	6	16
A80665C	8.00 x 6.00 x 6.00	14	50, 50E	A8P6	A8P6G	6.75 x 4.88	8.75 x 4.00	9.50 x 6.28	5.53	5.51	0.67	5.00	0.25	0.62
	203 x 152 x 152					171 x 124	222 x 102	241 x 160	140	140	17	127	6	16
A100865C	10.00 x 8.00 x 6.00	14	50, 50E	A10P8	A10P8G	8.75 x 6.88	10.75 x 6.00	11.50 x 8.28	5.53	5.51	0.67	7.00	0.25	0.62
	254 x 203 x 152					222 x 175	273 x 152	292 x 210	140	140	17	178	6	16
A101065C	10.00 x 10.00 x 6.00	14	50, 50E	A10P10	A10P10G	8.75 x 8.88	10.75 x 8.00	11.50 x 10.28	5.53	5.51	0.67	9.00	0.25	0.62
	254 x 254 x 152					222 x 226	273 x 203	292 x 261	140	140	17	229	6	16
A12125C	12.00 x 12.00 x 6.00	14	50, 50E	A12P12	A12P12G	10.75 x 10.88	12.75 x 10.00	13.50 x 12.28	5.53	5.51	0.67	11.00	0.25	0.62
	305 x 305 x 152					273 x 276	324 x 254	343 x 312	140	140	17	279	6	16
A14125C	14.00 x 12.00 x 6.00	14	50, 50E	A14P12	A14P12G	12.75 x 10.88	14.75 x 10.00	15.50 x 12.28	5.53	5.51	0.67	11.00	0.25	0.62
	356 x 305 x 152					324 x 276	375 x 254	394 x 312	140	140	17	279	6	16
A16145C	16.00 x 14.00 x 6.00	14	UL 50	A16P14	A16P14G	14.75 x 12.88	16.75 x 12.00	17.50 x 14.28	5.53	5.51	0.67	13.00	0.25	0.62
	406 x 356 x 152					375 x 327	425 x 305	445 x 363	140	140	17	330	6	16

Purchase panels separately. Optional stainless steel, conductive, composite and aluminum panels are available for most sizes.

Screw-Cover Junction Boxes



TOP VIEW WITH COVER REMOVED

