



Liquidtight Flexible Steel Conduit U.L. and CSA

TYPE - LA

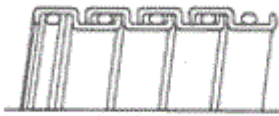


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[Click Here for Printable Version](#)

				Carton Length	Part #	Reel Length	Part #	Reel Length	Part #	List Price
Trade Size	Type	Inside Bend Radius	Wt. (Lbs.) / 100 Ft.		Gray / Black		Gray / Black		Gray / Black	Price Per 100 FT
3/8"	LA -10	2.0"	29	100	20101 / 20801	500	20103 / 20803	1000	20104 / 20804	\$274.00
1/2"	LA -11	3.0"	32	100	21101 / 21801	500	21103 / 21803	1000	21104 / 21804	\$297.00
3/4"	LA -12	4.2"	53	100	22101 / 22801	500	22104 / 22804	1000	22110 / 22810	\$417.00
1"	LA -13	5.5"	82	100	23102 / 23802	400	23104 / 23804	-	- / -	\$628.00
1-1/4"	LA -14	7.0"	102	50	24102 / 24802	200	24104 / 24804	-	- / -	\$861.00
1-1/2"	LA -15	4.5"	124	50	25102 / 25802	150	25104 / 25804	-	- / -	\$1,001.00
2"	LA -16	6.0"	145	50	26102 / 26802	100	26104 / 26804	-	- / -	\$1,247.00
2-1/2"	LA/LT - 17	8.0"	192	25	27102 / 27802	275	27105 / 27805	-	- / -	\$2,134.00
3"	LA/LT - 18	10.0"	252	25	28102 / 28802	175	28105 / 28805	-	- / -	\$2,948.00
3-1/2"	LA/LT - 350	11.0"	308	25	28502 / -	175	28505 / -	-	- / -	\$4,184.00
4"	LA/LT - 19	12.0"	350	25	29102 / 29502	100	29105 / 29505	-	- / -	\$4,462.00

SIZES: 1-1/2" - 4"

Sizes 3/8" - 1-1/4"



Squarelock with Filler



Interlock

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

TYPE - LA

A flexible steel conduit which is both listed by Underwriters Laboratories Inc. and certified by Canadian Standards Association. It offers outstanding protection against wet, oily conditions and is permitted for use in exposed or concealed locations.

CONSTRUCTION:

The flexible inner core is made from a spiral wound strip of heavy gauge, corrosion resistant, hot-dipped galvanized

steel. The 3/8 through 1-1/4 inch trade sizes are squarelock formed and include an integral bonding strip that is enclosed within the convolutions throughout their entire length. The 1-1/2 through 4 inch trade sizes are designed with a fully interlocked strip.

The liquidtight jacketing material is of a high quality, rugged, flame retardant flexible PVC compound which resists oils, mild acids and exposure to sunlight. Refer to the Chemical Resistance chart for further information.

APPLICATION:

This conduit is intended for installation in accordance with Article 350 of the NEC (ANSI/NFPA-70) and in section 14.5.4 of the ANSI/NFPA-79 Standard for Industrial Machinery:

- Listed and marked for Direct Burial and in Poured Concrete
- For containment of 1000 volt and lower potential circuits
- Sunlight Resistant
- Suitable as a grounding conductor when used for circuits rated up to 20A for the 3/8 & 1/2 inch trade sizes and 60A for the 3/4 through 1-1/4 inch trade sizes in lengths six feet or less per NEC Article 250.118(7). Larger sizes require separate grounding conductor.
- Installations in hazardous (classified) locations:
Class I Div. 2: Article 501.10 (B)(2) & 501.30 (B)
Class II Div. 1: Article 502.1 (A)(2) & 502.30 (B) Div. 2: 502.10 (B)(2)
Class III Div. 1: Article 503.10 (A)(2) & 503.30 (B) Div. 2: 503.10 (A)(2)
- Installed under raised floors in Data Processing Areas Articles 645.5 & 645.6(2)
- Electric Signs and Outline Lighting over 1000 volts Articles 600.7/600.32(A)(1)
- Permitted for Service Entrance wiring to six feet Article 230.43
- Used as Feeders and Services at Marinas and Boatyards Article 553.7(B).
- Wiring on Building Article 225.10
- Conductor Enclosures Adjacent to Motors over 600 V Article 430.223
- Underground Service, Feeder, Branch Circuit, and Recreational Vehicle Site Feeder Circuit Conductors Article 551.80
- Elevators and Hoistways Article 620.21
- Pools and Fountains Article 680
- Bodies of water. Article 682
- Fire Pumps. Article 695

 Listed File # E29278. Conforms to Underwriters Laboratories Standard ANSI/UL-360 for Liquidtight Flexible Steel conduit.

 Certified File #LL18858. Conforms to CSA 22.2 No.56 for use per the Canadian Electrical Code C22.1 Section 12-1300. FT1

Tests Include:

[WEEE and RoHS Compliant](#)

ARRA:

For ARRA Certification Letter, please [click here](#)

STANDARD COLORS:

Machine Tool Gray and Black. [Other colors available upon request](#)

Blue is commonly used for computer room installations. See Type CBLA.

WORKING TEMPERATURES:

-30°C to 80°C Dry / 60°C Wet / 70°C Oil

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	X		X	X

[Packaging, Disclaimer and Warranty](#)

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Shop Drawing Submittal Review

Transmitted To: Cannon Design

Date: June 29, 2016

Attention: stl-cac@cannondesign.com

Contact Person / WTA Field Inspector:
Patrick Garner

Project Name: Webster University-**ISB**

Reviewed by: Bill Shaw

Project No. WT 14127.01

☐

UPS

☐

Courier

☒

Email

Copies	No.	Description
1 PDF	261300E03	(Submittal No. 261300-003) – Raceways & Boxes

Remarks:

c: **Kelvin Patel**
Kpatel@cannondesign.com

☒ **Furnish as Submitted**

☐ Furnish as Noted

☐ Rejected

☐ Revise & Resubmit

☐ Reviewed

☐

Corrections or comments made on shop drawings during this review do not relieve contractor from compliance with requirements of drawings and specifications. This check is only for review of general conformance with the design concept of project and general compliance with information given in contract documents. Contractor is responsible for: confirming and correlating all quantities and dimensions; selecting fabrication processes and techniques of construction; coordinating his work with that of all other trades; and performing his work in a safe and satisfactory manner.

WTASHOP - Webster ISB - 26 1300-003

From: STL-CAC <STL-CAC@CANNONDESIGN.COM>
To: 'Patrick Garner' <pgarner@wmtao.com>, WTASHOP <wtashop@wmtao.com>
Date: 6/20/2016 5:06 PM
Subject: Webster ISB - 26 1300-003
Cc: "Patel, Kelvin" <kpatel@CANNONDESIGN.COM>, "Grossman, Lynn" <lgrossman@C...>
Attachments: 261300-003 Raceways and Boxes.pdf

Attached for review.

Melissa Pirtle

Construction Admin

CANNONDESIGN

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St. Louis, Missouri 63102
T [314.425.8797](tel:314.425.8797) • M
cannondesign.com



77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0097

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 06/20/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

RE: Raceways and Boxes

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
☐ Shop Drawings	☒ Approval	☐ Approved as Submitted
☐ Letter	☐ Your Use	☐ Approved as Noted
☐ Prints	☐ As Requested	☐ Returned After Loan
☐ Change Order	☐ Review and Comment	☐ Resubmit
☐ Plans		☐ Submit
☐ Samples	SENT VIA:	☐ Returned
☐ Specifications	☐ Attached	☐ Returned for Corrections
☒ Other: Product Data	☐ Separate Cover Via:	☐ Due Date:

Item	Package	Code	Rev.	Copies	Date	Description	Status
Submittal		261300-003	1		06/20/2016	Raceways and Boxes	Submitted

NOTES:

CC: Paric Corporation, Kathy Bathe

Project Coordinator: Paric Corporation, Kathy Bathe

Signed: _____
Devin Gates

Transmittal

To Paric Corporation

Date 6/16/16

Job Number 11317

Job Name Webster Univ. ISB Building

Attention Devin Gates

Transmittal Number 11317-003

We are sending you:

☒ Attached

☐ Under separate cover, the following:

☐ Preliminary Drawings

☐ Samples

☐ Construction Drawings

☐ Copy of Letter

☐ Specifications

☐ Other _____

Quantity	Drawing #	Date/Revision	Description
1			Submittal for Raceways & Boxes - Spec
			Section 26 13 00

These are transmitted as checked:

☒ For Your Review & Comment

☐ Approved As Noted

☒ For Approval

☐ Returned For Corrections

☐ For Your File

☐ Approved As Submitted

☐ As Requested

☐

Copy:

Transmittal

Enclosure

Rick Branstetter

Signed: Rick Branstetter, Project Manager