

TYPE LA



A flexible steel conduit that 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 of copper 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 that resists oils, mild acids and exposure to sunlight. Refer to the Chemical Resistance Guide on our website 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 600 volt and lower potential circuits.
- Sunlight-resistant.
- Suitable as a grounding conductor when used for circuits rated up to 20A for the 3/8 and 1/2 inch grade 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(6).
- Installations in hazardous (classified) locations:
 - Class I Div. 2 Article 501
 - Class II Div. 1 and 2 Article 502
 - Class III Div. 1 and 2 Article 503
- Installed under raised floors in data processing areas. Articles 645.5(E)(2).
- Electric signs and outline lighting over 1,000 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 600V. 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.

RoHS and WEEE Compliant.

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

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:

-20°C to 60°C

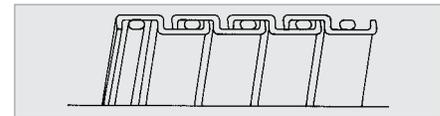
METAL USED: STEEL

PLASTIC USED: PVC

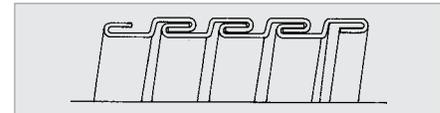
See the Chemical Resistance Guide on our website.



Squarelock with Filler SIZES: 3/8" – 1-1/4"



Interlock SIZES: 1-1/2" – 4"



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

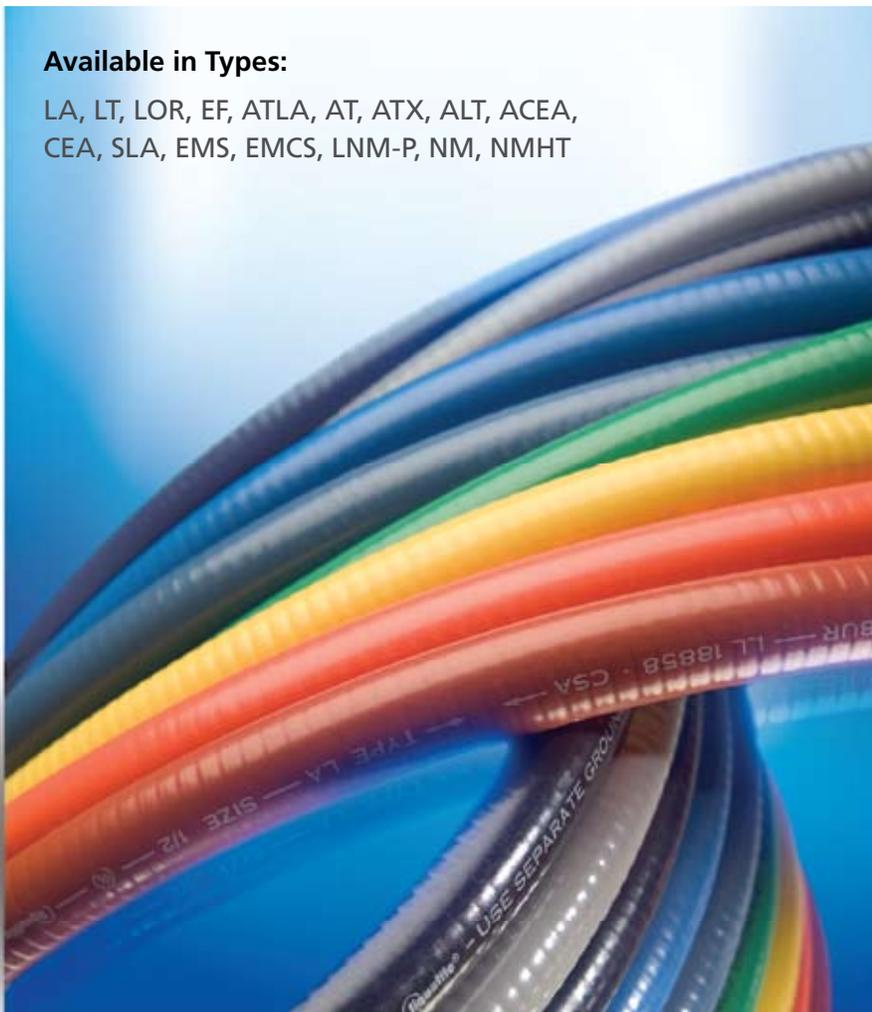
See page 37 for Dimensions.

Colored Conduit

for Custom Installations



The use of colored Type LA conduit saves time and money in maintenance and repair situations, and provides a visible warning to use caution in and around specific areas. They can provide for quick identification of circuits, such as emergency, fire, security and high voltage, as well as many other applications.



Available in Types:

LA, LT, LOR, EF, ATLA, AT, ATX, ALT, ACEA, CEA, SLA, EMS, EMCS, LNM-P, NM, NMHT

SUGGESTED APPLICATIONS:

Conduit Color	Suggested Application
Cream	Office Modular Partitions
Brown	Office Modular Partitions
Blue	Computer Rooms/Data Cables, Low Voltage Wiring
Green	Hospitals and Healthcare
Yellow	Caution Areas, Special Equipment, High Voltage Wiring, Earth Moving Equipment
Orange	Construction, Auto Repair, Fiber Optic Systems
Red	Fire Alarms, Security Systems, Emergency Circuits
White	Dairy Equipment, Food Processing Equipment

* Standard colors are Black and Gray. Other colors available upon request. We can blend to any color preference. Jacketed materials for extreme temperature and halogen-free applications are also available in colors.