

Steel Core

Type ATLA – All Temperature



Trade Size (in.)	Cat. No.	Carton Content* (m)	Cat. No.	Reel Content* (m)	Cat. No.	Reel Content* (m)	Inside Bend Radius		Weight kg/30m
							in.	(mm)	
3/8	ATLA038-30	30	ATLA038-150	150	ATLA038-300	300	2.0	(50.8)	13
1/2	ATLA050-30	30	ATLA050-150	150	ATLA050-300	300	3.0	(76.2)	15
3/4	ATLA075-30	30	ATLA075-150	150	ATLA075-300	300	4.2	(106.7)	24
1	ATLA100-30	30	ATLA100-120	120	-	-	5.5	(139.7)	37
1-1/4	ATLA125-15	15	ATLA125-60	60	-	-	7.0	(177.8)	46
1-1/2	ATLA150-15	15	ATLA150-45	45	-	-	4.5	(114.3)	47
2	ATLA200-15	15	ATLA200-30	30	-	-	6.0	(152.4)	66
2-1/2	ATLA250-8**	8	-	-	-	-	8.0	(203.2)	87
3	ATLA300-8**	8	-	-	-	-	10.0	(254.0)	114
3-1/2	ATLA350-8**	8	-	-	-	-	11.0	(279.4)	140
4	ATLA400-8**	8	-	-	-	-	12.0	(304.8)	154

See Chart on p. G28 for dimensions and tolerances

* See p. G27 for label and packaging detail

** Not CSA Certified

Type ATLA

A liquidtight flexible steel conduit designed specifically for extreme hot or cold environments. The flexible inner core is identical to that found in Type LA. The specially formulated PVC jacket remains flexible at low temperatures and resists ageing at elevated temperatures. It is listed UL and certified CSA.

Construction

ATLA has a flexible inner core made from a spiral wound strip of heavy gauge, hot-dipped galvanized steel. The 3/8 through 1-1/4 inch trade sizes contain an integral bonding strip of copper. The 1-1/2 and larger sizes are designed with a fully interlocked strip.

The jacketing material is a rugged flame retardant flexible PVC resistant to weathering, UV, oils and many chemicals. Refer to the Conduit — Chemical Resistance Guide beginning on p. G30.

Applications

Designed to be used with high temperature machine tool wiring. Ideal for outdoor installations in cold climates. This conduit is intended for installation with Rule 12-1300 of Canadian Electrical Code (CEC) Part I 2002.

The use of a separate bonding conductor is mandatory in accordance with CEC Rule 12-1306 for Ordinary locations.

The use of Liquidtight Flexible Conduit with sign and Outline Lighting are in accordance with CEC Rule 34-400 (2).


- Listed and marked for direct burial and in poured concrete
- For containment of 600-volt and lower potential circuits

Working Temperatures

-55°C to 105°C Air / 60°C Wet / 70°C Oil

Listing / Certification

 Listed. Conforms to UL Standard ANSI/UL-360 for Liquidtight Flexible Steel Conduit

 Certified. Conforms to CSA 22.2 No. 56 for use per the CEC C22.1 Section 12-1300

Conforms to the requirements of Section 16 & 17.7 of the ANSI/NFPA-79 Electrical Standard for Industrial Machinery.

Standard Colour

Machine tool grey