Type ATLA-SS

Part of the Stainless Steel Flexible Conduit Family.

A UL-listed liquidtight stainless steel flexible conduit that is designed specifically for hot or cold environments and provides excellent corrosion-resistance. The specially formulated PVC jacket remains flexible at low temperatures and resists aging at elevated temperatures.

All Products Proudly Made in the USA

CONSTRUCTION:

Inner Core:

- Corrosion-resistant continuous strip of 316L Stainless Steel
- 1/2″ – 2″ Fully Interlocked Profile

Liquidtight Jacket:

- Flexible PVC
- Resistant to **Oils and Mild Acids**
- Flame Retardant / Self-Extinguishing
- Sunlight Resistant (UV)
- High / Low Temperature Range

APPLICATION:

- Formerly Type ATSS
- Non-UL 3″ through 4″ available upon request
- Machine Tools, Ovens, Foundries, Refrigeration
- Industrial Environments with High / Low Temperatures
- Corrosive Atmospheres
- Wet and Oily Locations
- Outdoor use due to the inherent UV resistance of PVC
- Extreme Climatic Conditions
- Compatible with standard liquidtight connectors
- Designed to be used with high temperature machine tool wiring.

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:

Product Information

CERTIFICATIONS & COMPLIANCE

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

WEEE and RoHS Compliant

BS EN IEC 61386 Classification Code 445340650314 **CE Declaration**

ARRA: For ARRA Certification Letter, please **click here**

BABA Compliant

STANDARD COLORS

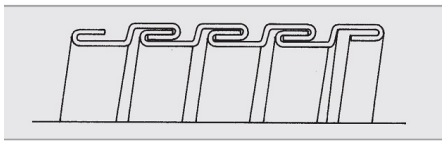
Machine Tool Gray. **Other colors available upon request.**

WORKING TEMPERATURES

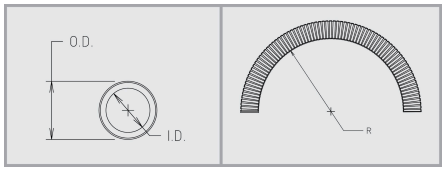
-55°C to 105°C Dry/60°C Wet/70°C Oil

-67°F to 221°F Dry/140°C Wet/158°C Oil

- Listed and marked for Direct Burial and in Poured Concrete
- Permitted for use in exposed or concealed locations.
- Installations under raised floors in Data Processing Areas Article 645.5(E)
- Listed and marked for direct burial and in poured concrete.
- For containment of 1000 volts and lower-potential circuits.
- Permitted for service entrance wiring to 6 feet. Article 230.43
- Sunlight-resistant
- Use Separate Grounding Conductor — If liquidtight flexible metal conduit contains a stainless-steel core, a wire-type equipment grounding conductor or a bonding jumper in accordance with 250.102(E) (2) shall be installed. Article 250.118 (A)(6)(f).
- Installations in hazardous (classified) locations:
  - Class I Div. 2: Article 501.10 (B)(2) & 501.30(B)
  - Class II Div. 1: Article 502.10(A)(2) & 502.30(B) Div. 2: 502.10(B)(2)
  - Class III Div. 1: Article 503.10(A)(3) & 503.30(B) Div. 2: 503.10(B)
- Use as Feeders and Services at Marinas and Boatyards. Article 553.7(B).
- Wiring on Building. Article 225.10.
- Conductor Enclosers Adjacent to Motors over 1000V. 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
- Meets the same specifications as Type LA.



Interlock sizes: 1/2" - 2"



Markets:

Defense, Mining, Oil & Gas Refineries, Power Plants, Ship Building, Steel Mills, Utilities, Wastewater Treatment

Product Table

	US Trade Size		1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
	ISO Size mm		20	25	32	40	50	63
	CSA Size mm		16	21	27	35	41	53
	Type		ATLA-SS-11	ATLA-SS-12	ATLA-SS-13	ATLA-SS-14	ATLA-SS-15	ATLA-SS-16
Internal Diameter	Min.	In.	0.622	0.82	1.041	1.38	1.575	2.02
	Max.	In.	0.642	0.84	1.066	1.41	1.6	2.045
Outer Diameter	Min.	In.	0.82	1.03	1.29	1.63	1.865	2.34
	Max.	In.	0.84	1.05	1.315	1.66	1.9	2.375
Inside Bend Radius	Static	In.	3	4.2	5.5	7	4.5	6
Weight	Lbs. per 100 Ft		28	38	62	79	103	119
Standard Length	Coil	Ft	100	100	100	50	50	50
	Part #		802191	802292	802392	802492	802592	802692
	Reel	Ft	500	500	400	200	150	100
	Part #							
	Reel	Ft	1000	1000				
	Part #							

related products

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 aging at elevated temperatures. It is listed by Underwriters Laboratories Inc. and certified by Canadian Standards Association

see product detail »

Type ATX-SS

This non-UL liquidtight flexible stainless steel conduit is designed to withstand an extreme temperature range. It offers excellent resistance to corrosion.

see product detail »

Type LA-SS

A UL-listed, flexible stainless-steel conduit offering excellent protection against corrosion, sunlight (UV), and wet, oily conditions. Ideally suited for industrial-grade installations requiring motion, vibration, and bending.

see product detail »

Type ZHLA-SS

This UL-listed, liquidtight stainless steel flexible conduit offers excellent corrosion-resistance and is designed for applications where safety concerns exist regarding a material's reaction in a fire situation. Type ZHLA-SS is low smoke, zero-halogen, providing a low fire hazard solution for environments requiring limited toxic material release, such as subways, tunnels, and public spaces.

see product detail »