Type SLA

Part of the SHIELD-FLEX® family of EMI/RFI Shielding conduits.

Type SLA is identical to standard UL Listed liquidtight flexible steel conduit (See Type LA) but is augmented with a tinned copper shielding braid located over the inner steel core and under its protective PVC jacket. The braid offers a minimum of 90% coverage.

All Products Proudly Made in the USA

For a low-smoke, low-flame spread, zero-halogen version, ask for **HFSLA**.

Construction:

Inner Core:

- Hot Dipped Galvanized Steel
- 3/8" – 1-1/4" Squarelock Profile with continuous bonding strip
- 1-1/2" – 2" Fully Interlocked Profile
- Shielded with a tinned copper braid

Liquidtight Jacket:

- Flexible PVC
- Resistant to **Oils and Mild Acids**
- Flame Retardant
- Sunlight Resistant (UV)

Application:

This conduit is intended for installation in accordance with Article 350 of the NEC (ANSI/NFPA-70)

- Suitable as an equipment grounding conductor per Article 250.118(7). Larger sizes require separate grounding conductor.
- Suitable for use in hazardous locations: Class I, Div. 2 and Classes II and III.
- Accepts Standard Metallic Liquidtight Fittings
- Designed for wiring applications requiring shielding effectiveness from Electromagnetic and Radio Frequency Interference (EMI/RFI)

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 444240650414 **CE Declaration**

ARRA: For ARRA Certification Letter, please click here

STANDARD COLORS

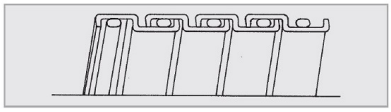
Black. Other colors and jacketing materials available upon request

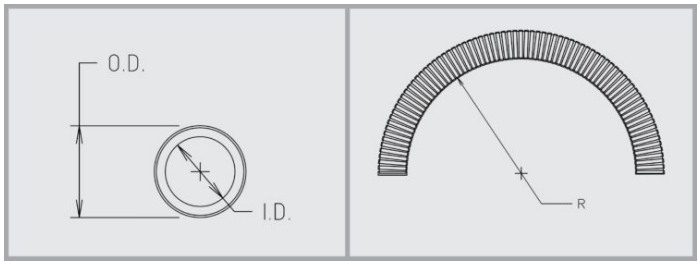
WORKING TEMPERATURES:

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

Markets:

Aerospace, Cell Towers, Data Centers, Defense, Healthcare, Renewable Energy, Ship Building, Telecommunications





Squarelock with Filler Sizes

3/8" - 1-1/4"

Product Table

	US Trade Size	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
	ISO (MM)	16	20	25	32	40	50	63
	CSA (MM)	12	16	21	27	35	41	53
	Type	SLA-10	SLA-11	SLA-12	SLA-13	SLA-14	SLA-15	SLA-16
Internal Diameter	Min (MM)	12.3	15.8	20.8	26.4	35.1	40.0	51.3
	Max (MM)	12.8	16.3	21.3	27.1	35.8	40.6	51.9
Outside Diameter	Min (MM)	17.5	20.8	26.2	32.8	41.4	47.4	59.4
	Max (MM)	18.0	21.3	26.7	33.4	42.2	48.3	60.3
Inside Bend Radius	Static (MM)	51	76	107	140	178	114	152
Weight	(Kgs) per 30 meters	13	15	24	37	46	56	66
Standard Length	Carton (Mtrs)	30	30	30	30	15	15	15
	Part # (black)	78901	78911	78921	78932	78942	78952	78962
	Reel (Mtrs)	150	150	150	120	60	45	30
	Part # (black)	78903	78913	78924	78934	78944	78954	78964
	Reel (Mtrs)	300	300					
	Part # (black)	78904	78914					

related products

Type EMS

Part of the SHIELD-FLEX® family of EMI/RFI Shielding conduits. Type EMS has an inner core that is made from a fully interlocked bronze strip and does not contain a braided shield.

see product detail »

Type EMCS

Part of the SHIELD-FLEX® family of EMI/RFI Shielding conduits. Type EMCS is a hybrid of SLA and EMS. It utilizes the same bronze core and PVC jacket as EMS, but gets further screening protection from a tinned copper braid as found in the SLA product.

see product detail »

Type HFSLA

Part of the SHIELD-FLEX® family of EMI/RFI Shielding conduits. Type HFSLA is identical to standard UL Listed liquidtight flexible steel conduit (See Type LA) but is augmented with a tinned copper shielding braid located over the inner steel core and under its protective Polyurethane jacket.

see product detail »