

TYPE SLA



Type SLA is identical to standard UL listed liquidtight flexible steel conduit, 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. Please see the Shielding Effectiveness chart on page 21.

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).
- Suitable for use in hazardous locations: Class I, Div. 2 and Classes II and III.
- PVC jacket is resistant to a wide variety of oils, acids, alkaline and ultraviolet light.

- Accepts standard metallic liquidtight fittings.
- Listed File #E29278. Conforms to UL360 for liquidtight flexible steel conduit.

RoHS and WEEE Compliant.

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

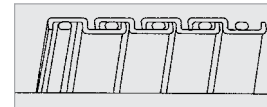
METAL USED: Steel

PLASTIC USED: PVC

See the Chemical Resistance Guide on our website.

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

Squarelock with Filler sizes 3/8" — 1-1/4"



Trade Size (In.)	Type	Inside Bend Radius (In.)	Weight (Lbs.)/100 Ft.	Carton Footage		Reel Footage			
				Length	Part #	Length	Part #	Length	Part #
3/8	SLA-10	2.0	29	100	78901	500	78903	1000	78904
1/2	SLA-11	3.0	32	100	78911	500	78913	1000	78914
3/4	SLA-12	4.2	53	100	78921	500	78924	-	-
1	SLA-13	5.5	82	100	78932	400	78934	-	-
1-1/4	SLA-14	7.0	102	50	78942	200	78944	-	-
1-1/2	SLA-15	4.5	124	50	78952	150	78954	-	-
2	SLA-16	6.0	145	50	78962	100	78964	-	-

See page 37 for dimensions.

Halogen-Free (HF) Series

For a low-smoke, low-flame spread, zero-halogen version, ask for HFSLA, HFEMS or HFEMCS. It's ideal for field installation in confined, public areas such as subways, tunnels, etc.

There are many situations and areas where PVC is not allowed for electrical construction. The jacketing material used in the Halogen-Free Series virtually eliminates the release of acidic gases found in PVC products.

COMBUSTION & FLAMMABILITY PROPERTIES	TEST	VALUE
HFSLA/HFEMS/HFEMCS		
Vertical Burn (Material)	UL94	V-O rating; no flaming drips
Vertical Burn (Conduit)	UL360	Pass; no flaming drips
Oxygen Index %	D2863	28.5
Flame Spread Index	ASTM E162	20; no flaming drips
Flame Propagation	ASTM C542 (NFPA-130)	Pass; no flaming drips
Smoke Generation (Flaming)	ASTM E662 (NFPA-258)	Ds 50@1.5 min/Ds 102@4.0 min
Smoke Generation (Non-flaming)	ASTM E662 (NFPA-258)	Ds 5@1.5 min/Ds 26@4.0 min
Toxic Gas Generation	Bombardier SMP 800-C	Pass
Toxicity Index	NES 713	3.9

Test data is based on controlled laboratory conditions and does not necessarily reflect performance in actual fire conditions. Additional product information available upon request.