

Liquidtight Flexible Shielding Conduit

TYPE -HFSLA





				Carton	Footage
Trade Size	Туре	Inside Bend Radius	Wt. (Lbs.)/ 100 Ft.	Length	Part #
3/8"	HFSLA -10	2.0"	29	50	789017
1/2"	HFSLA-11	3.0"	32	50	789127
3/4"	HFSLA -12	4.2"	53	50	789227
1"	HFSLA -13	5.5"	82	50	789327
1-1/4"	HFSLA-14	7.0"	102	50	789428
1-1/2"	HFSLA-15	4.5"	124	50	789528
2"	HFSLA-16	6.0"	145	50	789627

Sizes 3/8" - 1-1/4"

Squarelock with Filler

COMBUSTION & FLAMMABILITY PROPERTIES

*Combustion & Flammability Properties:	Test	Value	
Vertical Burn (Material)	UL94	V-0 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 (NFPA258)	Ds 5@1.5 Min Ds 26@4.0 Min	
Toxic Gas Generation	BOMBARDIER SMP 800-C	Pass	
Toxicity Index	NES 713	3.9	
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^{*} Test data is based on controlled laboratory conditions and does not necessarily reflect performance in actual fire conditions. Additional product nformation aviable upon request.

See Chart for Dimensions and Tolerances.

TYPE - HFSLA

Type HFSLATM 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. The braid offers a minimum of 90% coverage.

Type HFSLATM liquidtight flexible shielding conduit is designed for field installations where safety concerns exist regarding a material's reaction in a fire situation. The specially formulated thermoplastic polyurethane jacket has excellent flame retardancy and low smoke characteristics. Acidic gases such as hydrogen chloride, hydrogen fluoride

and hydrogen bromide are virtually eliminated as products of combustion.

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. .
- -Accepts Standard Liquidtight Fittings

Tests Include:

WEEE and RoHS Compliant

STANDARD COLORS:

Gray and Black. Other colors and jacketing materials available upon request

WORKING TEMPERATURES:

-40°C to 80°C

Flexibility: See the Flexibility Comparison Guide

Metal Used: Steel

Plastic Used: PU See the Chemical Resistance Guide

High Mech	ا، دا	Halogen		Accepts Standard Liquidtight Fittings	Self Extinquish	EMI/RFI Shielding	Oil Resistance	Acid Resistance
X	X	X	X	X	X	X	X	X