

Liquidtight Flexible Shielding Conduit



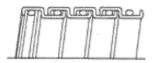




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				Carton	Footage	Reel	Footage	Reel	Footage	List Price
Trade Size	Туре	Inside Bend Radius	Wt. (Lbs.)/ 100 Ft.	Length	Part #	Length	Part #	Length	Part #	
3/8"	HFSLA -10	2.0"	29	100	789012	500	789032	1000	789042	
1/2"	HFSLA-11	3.0"	32	100	789128	500	789137	1000	789148	
3/4"	HFSLA -12	4.2"	53	100	789228	500	789247			
1"	HFSLA -13	5.5"	82	100	789328	400	789347			
1-1/4"	HFSLA-14	7.0"	102	50	789428	200	789447			
1-1/2"	HFSLA-15	4.5"	124	50	789528	150	789547			
2"	HFSLA-16	6.0"	145	50	789627	100	789647			

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



Squarelock with Filler

*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	
]		

COMBUSTION & FLAMMABILITY PROPERTIES

* Test data is based on controlled laboratory conditions and does not necessariy reflect performance in actual fire conditions. Additional product nformation aviable upon request.

See Chart for Dimensions and Tolerances.

TYPE - HFSLA

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. The braid offers a minimum of 90% coverage.

Type HFSLA 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.

HFSLA is a trademark of Electri-Flex Company, registered in the U.S. Patent and Trademark Office.

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. Strength	Direct			Accepts Standard Liquidtight Fittings	Self Extinquish	EMI/RFI Shielding	Oil Resistance	Acid Resistance
X	X	X	X	X	X	X	X	X