Liquidtight Flexible Shielding Conduit



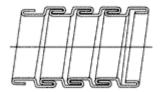






				Carton	Footage	
Trade Size	Туре	Inside Bend Radius	Wt. (Lbs.)/ 100 Ft.	Length	Part #	
3/8"	HFEMS-10	3.0"	27	50	78207	
1/2"	HFEMS-11	3.0"	35	50	78217	
3/4"	HFEMS-12	4.0"	43	50	78227	
1"	HFEMS-13	4.0"	85	50	78237	
1-1/4"	HFEMS-14	4.5"	101	50	78242	
1-1/2"	HFEMS-15	7.0"	140	50	78252	
2"	HFEMS-16	9.5"	180	50	78262	
2-1/2"	HFEMS-17	12.0	232	25	78272	
3"	HFEMS-18	13.5"	320	25	78282	
4"	HFEMS-19	17.0"	388	25	78292	

Interlock



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)		Ds 5@1.5 Min/ Ds 26@4.0 Min	
Toxic Gas Generation	BOMBARDIER SMP 800-C	Pass	
Toxicity Index	NES 713	3.9	
	jc		

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

See Chart for Dimensions and Tolerances.

TYPE - HFEMS

Type HFEMS[™] has an inner core that is made from a fully interlocked bronze strip and does not contain a braided shield. An all-temperature Polyurethane jacket is extruded over the core, resulting in a sealed, waterproof raceway when assembled with liquidtight fittings.

Type HFEMS[™] 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.

Tests Include: WEEE and RoHS Compliant

STANDARD COLORS:

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

For UL and CSA version, consult factory

WORKING TEMPERATURES:

-40°C to 80°C

Flexibility: See the Flexibility Comparison Guide

Metal Used: Bronze

Plastic Used: PU See the Chemical Resistance Guide

High	l <u> </u>	Halogen		Accepts Standard Liquidtight Fittings	Self Extinquish	EMI/RFI Shielding	Oil Resistance	Acid Resistance
		X	X	X	X	X	X	X

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