

Liquidtight Flexible Shielding Conduit





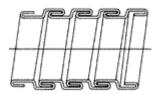
Quality shield flext—type hypes — size to



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				Carton	Footage	Reel	Footage
Trade Size	Туре	Inside Bend Radius	Wt. (Lbs.)/ 100 Ft.	Length	Part #	Length	Part #
3/8"	HFEMS-10	3.0"	27	100	78201	1000	78204
1/2"	HFEMS-11	3.0"	35	100	78211	1000	78214
3/4"	HFEMS-12	4.0"	43	100	78221	500	78224
1"	HFEMS-13	4.0"	85	100	78232	400	78234
1-1/4"	HFEMS-14	4.5"	101	50	78242	200	78244
1-1/2"	HFEMS-15	7.0"	140	50	78252	150	78254
2"	HFEMS-16	9.5"	180	50	78262	100	78264
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	

* 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 HFEMSTM 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 Mech. Strength	isted For Direct Burial	Halogen Free		Accepts Standard Liquidtight Fittings	Self Extinquish	EMI/RFI Shielding	Oil Resistance	Acid Resistance
		Х	X	X	X	X	X	X