



Liquidtight Flexible Shielding Conduit



TYPE - HFEMCS



Contact your local Sales Representative
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				Carton	Footage	Reel	Footage
Trade Size	Type	Inside Bend Radius	Wt. (Lbs.)/ 100 Ft.	Length	Part #	Length	Part #
3/8"	HFEMCS-10	3.0"	27	100	86001	500	86003
1/2"	HFEMCS-11	3.0"	35	100	86101	500	86103
3/4"	HFEMCS-12	4.0"	43	100	86201	500	86204
1"	HFEMCS-13	4.0"	85	100	86302	400	86304
1-1/4"	HFEMCS-14	4.5"	101	50	86402	200	86404
1-1/2"	HFEMCS-15	7.0"	140	50	86502	150	86504
2"	HFEMCS-16	9.5"	180	50	86602	100	86604

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)	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

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

See [Chart for Dimensions and Tolerances](#).

TYPE - HFEMCS

Type HFEMCS™ is a hybrid of HFSLA™ and HFEMS™. It utilizes the same bronze core and Polyurethane jacket as HFEMS™, but gets further screening protection from a tinned copper braid as found in the HFSLA™ product.

Type HFEMCS™ 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	Listed For Direct Burial	Halogen Free	Low Fire Hazard	Accepts Standard Liquidtight Fittings	Self Extinguish	EMI/RFI Shielding	Oil Resistance	Acid Resistance
		X	X	X	X	X	X	X