



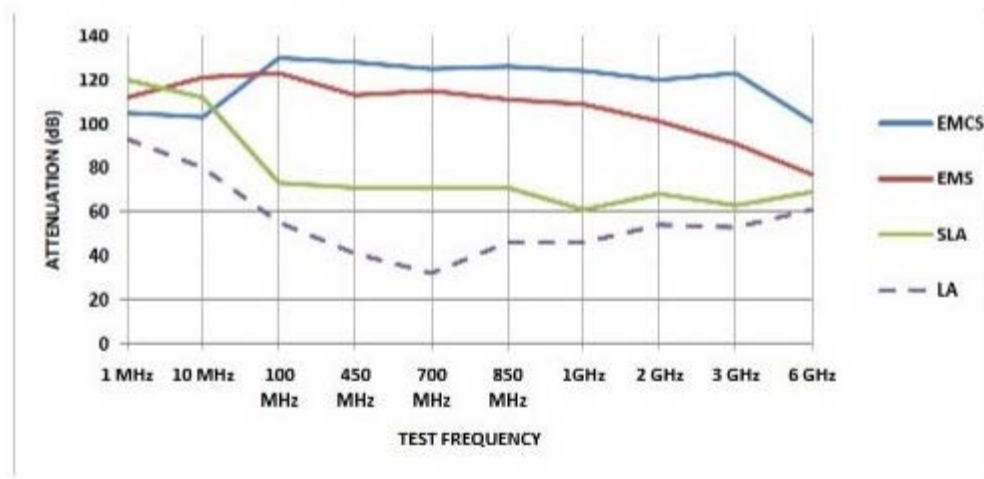
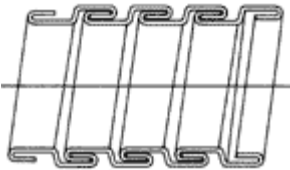
# Liquidtight Flexible Shielding Conduit

## TYPE - EMCS



Trade Size	Type	Inside Bend Radius	Wt. (Lbs.)/ 100 Ft.	Carton Length	Footage Part #	Reel Length	Footage Part #
3/8"	EMCS-10	3.0"	27	100	78701	500	78703
1/2"	EMCS-11	3.0"	35	100	78711	500	78713
3/4"	EMCS-12	4.0"	43	100	78722	500	78724
1"	EMCS-13	4.0"	85	100	78732	400	78734
1-1/4"	EMCS-14	4.5"	101	50	78742	200	78744
1-1/2"	EMCS-15	7.0"	140	50	78752	150	78754
2"	EMCS-16	9.5"	180	50	78762	100	78764

### INTERLOCK



### TYPE - EMCS

Type EMCS™ is a hybrid of SLA™ and EMS™. It utilizes the same bronze core and PVC jacket as EMS™, but gets further screening protection from a tinned copper braid as found in the SLA™ product. Type EMCS™ offers the same working temperature as EMS

For a low-smoke, low flame spread, zero-halogen version, ask for HFEMCS™

**Tests Include:**

WEEE and RoHS Compliant

**STANDARD COLORS:**

Black. [Other colors and jacketing materials available upon request](#)

For UL and CSA version, consult factory

**WORKING TEMPERATURES:**

-55°C to 105°C

**Flexibility:** [See the Flexibility Comparison Guide](#)

**Metal Used:** Bronze

**Plastic Used:** PVC [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

# Standard Dimensions and Packaging

Click [here](#) for the Printer Friendly Version

Types:

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## Standard Dimensions for Liquidtight Flexible Conduit

**LT - LOR - EF - LA - CSA - ALT - AT**

**ATLA - ATX - CEA - ZHLA - SLA**

**EMS - EMCS - NM - NM2**

Trade Size	Type	Inner Diameter Min / Max Inches	Outer Diameter Min / Max Inches	Inner Diameter Min / Max Millimeters	Outer Diameter Min / Max Millimeters
1/4"	140	0.245 / 0.265	0.450 / 0.470	6.2 / 6.7	11.4 / 11.9
5/16"	516	0.385 / 0.405	0.570 / 0.590	9.8 / 10.3	14.5 / 15.0
3/8"	10	0.484 / 0.504	0.690 / 0.710	12.3 / 12.8	17.5 / 18.0
1/2"	11	0.622 / 0.642	0.820 / 0.840	15.8 / 16.3	20.8 / 21.3
3/4"	12	0.820 / 0.840	1.030 / 1.050	20.8 / 21.3	26.2 / 26.7
1"	13	1.041 / 1.066	1.290 / 1.315	26.4 / 27.1	32.8 / 33.4
1-1/4"	14	1.380 / 1.410	1.630 / 1.660	35.1 / 35.8	41.4 / 42.2
1-1/2"	15	1.575 / 1.600	1.865 / 1.900	40.0 / 40.6	47.4 / 48.3
2"	16	2.020 / 2.045	2.340 / 2.375	51.3 / 51.9	59.4 / 60.3
2-1/2"	17	2.480 / 2.505	2.840 / 2.875	63.0 / 63.6	72.1 / 73.0
3"	18	3.070 / 3.100	3.460 / 3.500	78.0 / 78.7	87.9 / 88.9
3-1/2"	350	3.500 / 3.540	3.960 / 4.000	88.9 / 89.9	100.6 / 101.6
4"	19	4.000 / 4.040	4.460 / 4.500	101.6 / 102.6	113.3 / 114.3
5"	500	4.975 / 5.035	5.505 / 5.565	126.4 / 127.9	139.8 / 141.4
6"	600	6.015 / 6.075	6.565 / 6.625	152.8 / 154.3	166.8 / 168.3

This Reference Chart is applicable to the standard conduit types listed above.  
Please refer to individual sections of this site for size ranges and dimensions for  
products not listed here.

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