

SHIELDTITE®

EMI/EMP for High Level Shielding
Liquid-Tight Flexible Metal Conduit (LFMC)



Construction

- Constructed of continuously interlocked high shielding bronze core for exceptional shielding effectiveness.
- Durable, abrasion resistant, flame retardant and sunlight resistant smooth thermoplastic PVC jacket that resists oil, heat and chemical breakdown.



Interlocked Design 3/8" through 4"

Installation

- Conduit used with standard liquid-tight connector for easy installation. IP 67 Rated when installed with approved connectors.
- Meets Mil-STD-1310D for EMI and EMP shielding.
- Smooth interior surface protects sensitive conductors from harm.
- Provides shielding effectiveness of 81 – 119 Db at 1 Megahertz to 1 Gigahertz.
- Rated for temperature range from -51°F to + 221°F (-46°C to +105°C).
- Manufactured in a full range of sizes from 3/8" through 4".
- Available in custom-cut lengths.

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• RoHS WEEE COMPLIANT

SHIELDTITE®

Gray thermoplastic PVC jacket



Product Specifications

Ordering Information

Electrical Trade Size		Inside Diameter		Outside Diameter		Approx Inside Bend Radius	Approx Weight lbs.	AVAILABLE IN RANDOM LENGTHS	Part Number
Inches	mm	Inches		Inches					Inches
		MIN.	MAX.	MIN.	MAX.				PIN
3/8	12	.485	-.505	.690	-.710	3.0	24		450200-0240
1/2	16	.622	-.642	.820	-.840	3.0	28		450202-0140
3/4	21	.815	-.835	1.030	1.050	4.0	42		450204-0240
1	27	1.041	1.066	1.290	1.315	4.0	56		450206-0340
1-1/4	35	1.370	1.395	1.630	1.660	4.5	75		450208-0140
1-1/2	41	1.575	1.600	1.865	1.900	7.0	96		450210-0140
2	53	2.020	2.045	2.340	2.375	9.5	125		450212-0140
2-1/2	63	2.480	2.505	2.840	2.875	12	165	450214-0140	
3	78	3.070	3.100	3.460	3.500	13.5	211	450216-0140	
4	103	4.000	4.040	4.460	4.500	17	298	450220-0140	

TYPICAL SPECIFICATION:

Conduit shall be Anaconda SEALTITE® Type SHIELDTITE®. Conduit shall have smooth cover and be constructed with bronze core of high level shielding. Conduit shall meet Mil-STD-1310D for EMI and EMP shielding effectiveness of 81 – 119 Db at 1 Megahertz to 1 Gigahertz. Conduit shall be suitable for use within an operating temperature range of -51°F to +221°F (-46°C to 105°C).