

Heat-Shrink Tubing



LVIT Tubing Busbar Insulating Tubing (1000 V)

LVIT is a heat-shrinkable medium-wall, flame-retardant, low voltage tubing for insulating straight and bent busbars during original equipment assembly or in retrofit applications where access to one end of the busbar is available.

When used according to the selection guidelines, LVIT may be used in applications up to 1 kV in accordance with ANSI/IEEE C37.20 specification. LVIT tubing may be used in applications up to 3.6 kV in accordance with IEC specifications.

Rated to ANSI/IEEE C37.20.1-1987. UL recognized to Standard 224 (file E137416), 600 V-125°C-VW.1.

Selection Information: dimensions in inches (millimeters)

Catalog Number	Busbar dimensions			LVIT Tubing Dia. as Supplied & Fully Recovered (Min.-Max.)	Std. Pack
	Rectangular Bar* (Bus Width)	Square Bar (Each Side)	Round Bar (Dia. Min.-Max.)		
LVIT-30/10-A/U	0.50 - 1.0 (12 - 25)		0.40 - 1.0 (11 - 25)	1.18 - 0.39 (30 - 10)	200 ft.
LVIT-75/25-A/U	2.0 - 3.0 (50 - 75)	1 (25)	1.0 - 2.0 (25 - 50)	2.95 - 0.98 (75 - 25)	100 ft.
LVIT-150/50-A/U	4.0 - 6.0 (100 - 150)	2 - 3 (50-75)	2.0 - 4.0 (50 - 100)	5.91 - 1.97 (150 - 50)	100 ft.

*Rectangular bus thickness range is 1/4 to 5/8 inch.

Molded Parts



ESC Sealing Caps End Sealing Caps for 1/C Power Cable (1000 V)

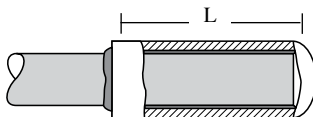
- Shrink and compress a hot-melt adhesive on the cable jacket, forming a secure environmental seal
- Fits easily over the cable end and shrinks in seconds, leaving a compact, rugged end seal
- Qualified to ANSI C119.1-1986 and rated to ICEA electrical withstand test for 1000 volts
- For use on standard poly- or elastomeric insulated/ jacketed cables or lead-jacketed cables, which may include aluminum or steel armoring.

Use as a live end seal to 1000 volts. Use as an end seal for storage and pulling of de-energized cable.

Selection Information: dimensions in inches (millimeters)

Catalog Number	Primary Insulation Conductor Size (AWG/kcmil)	(1000 V) Use Range (Min.-Max.)	General Use Range (Min.-Max.)	Length as Supplied	Std. Pack (Pcs/Box)
ESC-1/A	#12 - #8	0.17 - 0.35 (4-9)	0.15 - 0.30 (4-8)	1.0	50
CPGI-ESC-1/A	#12 - #8	0.17 - 0.35 (4-9)	0.15 - 0.30 (4-8)	1.0	25
ESC-2/A	#6 - 3/0	0.31 - 0.71 (8-18)	0.30 - 0.70 (8-18)	2.0	50
CPGI-ESC-2/A	#6 - 3/0	0.31 - 0.71 (8-18)	0.30 - 0.70 (8-18)	2.0	25
ESC-3/A	4/0 - 750	0.65 - 1.25 (17-32)	0.65 - 1.25 (17-32)	3.5	40
ESC-4/A	750 - 1500	1.08 - 1.94 (27-49)	1.05 - 1.95 (27-50)	5.3	20
ESC-5/A	1500 - 2000	1.38 - 2.58 (35-66)	1.30 - 2.65 (33-67)	6.7	10
ESC-6/A		1.94 - 3.54 (49-90)	1.85 - 3.70 (47-94)	5.6	10
ESC-7/A		3.02 - 4.25 (77-108)	2.95 - 4.50 (75-114)	5.4	10

*5 packs, each with 5 pcs. per Point of Purchase Package.



Each energized conductor requires a separate ESC sealing cap.

Ordering information

1. Select the appropriate catalog number based on the conductor size or use range. Confirm selection with dimensions to assure proper sizing.
2. Each energized conductor requires a separate ESC sealing cap.
3. Bulk options also available. Consult your Tyco Electronics representative for information.
4. Caps are coated with an adhesive.
5. Related test report: EDR-5161