LVIT Busbar Insulating Tubing (1000 V)

FEATURES

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

APPLICATIONS

- When used according to the selection guidelines, TE's Raychem 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.

BENEFITS

- TE's Raychem 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.

PRODUCT SELECTION INFORMATION: DIMENSIONS IN INCHES (MM)

Catalog Number	Rectangular Bar* (Bus Width)	Square Bar (Each Side)	Round Bar (Dia min - max)	LVIT Tubing Dia as Supplied & Fully Recovered (min - max)	Standard Pack
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. Test Reports: EDR-5483, EDR-5499*

Raychem ESC End Sealing Caps

FEATURES

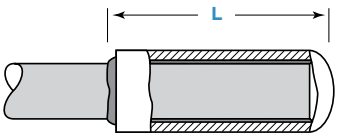
- Qualified to ANSI C119.1 and rated to ICEA electrical withstand test for 1000 volts
- TE's Raychem ESC end sealing caps are coated with a heat-activated sealant

APPLICATIONS

- Use as a live end seal to 1000 volts or as an end seal to prevent moisture ingress and contamination during storage and pulling of de-energized cable.

BENEFITS

- Fits easily over the cable end and shrinks in seconds forming a robust environmental seal
- Reduces cable failure and scrap
- Unlimited shelf life when stored in normal conditions



PRODUCT SELECTION INFORMATION: DIMENSIONS IN INCHES (MM)

Catalog Number	Primary Insulation Conductor Size (AWG/kcmil)	1000 V Use Range (min - max)	General Use Range (min - max)	Length (L)	Standard Pack* (Pcs./Box)
ESC-1/A	#12-#8	0.17-0.35 (4-9)	0.15-0.30 (4-8)	1	50
ESC-2/A	#6-3/0	0.31-0.71 (8-18)	0.30-0.70 (8-18)	2	50
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

**Bulk options also available. Consult your TE Connectivity representative for information.*

ADDITIONAL PRODUCT INFORMATION

- Select the appropriate catalog number based on the conductor size or use range. Confirm selection with dimensions to assure proper sizing.
- Each energized conductor requires a separate ESC sealing cap.
- Related test report: EDR-5161.