ESC

End sealing caps for 1/C low-voltage power cable (1000 V)

ESC caps:
- Shrink and compress a hot-melt adhesive on the cable jacket, forming a secure environmental seal.
- Fit easily over the cable end and shrink in seconds, leaving a compact, rugged end seal.

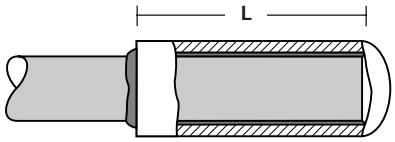
Qualified to ANSI C119.1-1986 and rated to ICEA electrical withstand test for 1000 volts. For use on standard poly- or elastomeric-insulated/ jacketed cables or lead-jacketed cables, which may include aluminum or steel armoring.

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)

	Primary insulation (1000 V)		General		Standard
Catalog number	Conductor size (AWG/kcmil)	Use range (min.–max.)	Use range (min.–max.)	Length as Supplied	package (pcs/box)
ESC-1/A	#12 - #8	0.17 – 0.35 (4–9)	0.15 – 0.30 (4–8)	1.0	50
ESC-2/A	#6 – 3/0	0.31 – 0.71 (8–18)	0.30 – 0.70 (8–18)	2.0	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



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. For applications above 1000 volts, see HVES on page 91.
4. For testing information, please see page 20.
5. Bulk options also available. Consult your Tyco Electronics representative for information.
6. Caps are coated with an adhesive.
7. Related test report: EDR-5161

Related installation instructions: ESC