



# ES Caps

*High-shrink-ratio, adhesive-lined, semirigid polyolefin caps*



## Applications

Specially designed to provide mechanical and environmental protection of stub splices in electrical harnesses. Clear caps allow see-through inspection; black caps are flame-retardant.

## Operating temperature range

-40°C to 105°C

## Features and benefits

- 4:1 shrink ratio allows a few sizes to cover a wide range of splice and component diameters.
- Mechanically tough jacket provides strain relief and abrasion protection.
- Thick adhesive liner forms an effective barrier against fluids and moisture and performs well at an extended temperature range.

## Installation

Minimum shrink temperature: 100°C

Minimum full recovery temperature: 135°C

Available in:	Americas	Europe	Asia Pacific
	■	■	■

Specifications/approvals		
Series	UL	Raychem
ES Caps	E85381 600 V, 125°C	RW-3006

**Fax-on-demand**

US only (800) 260-9099

Outside US (650) 257-2301

**Fax ID**

2616

2617

**Description**

Data sheet

RW-3006

Visit our website at [www.tycoelectronics.com](http://www.tycoelectronics.com)**Product dimensions (mm/in)**

Part Number	Standard length* as supplied (millimetres)	Inside diameter (including core)		Recovered wall thickness**		
		Minimum expanded as supplied	Maximum recovered after heating	Minimum total wall after heating	Minimum jacket wall after heating	Minimum adhesive wall after heating
ES Cap-No.1	30, 35	5.72 (0.225)	1.27 (0.050)	1.20 (0.047)	0.64 (0.025)	0.56 (0.022)
ES Cap-No.2	30, 35	7.44 (0.293)	1.65 (0.065)	1.52 (0.060)	0.76 (0.030)	0.76 (0.030)
ES Cap-No.3	40, 50	10.85 (0.427)	2.41 (0.095)	1.91 (0.075)	0.89 (0.035)	1.37 (0.054)

\*Other cap lengths available upon request.

\*\*Wall thickness will be less if cap recovery is restricted during shrinkage.

**Ordering information**

Color	Standard	Black (-O), clear (-X)
Size selection	Always order the largest size that will shrink snugly over the component to be covered. Other cap lengths available on request.	
Standard packaging	In pieces.	
Marking	Caps will be marked with the numbered sizes (such as ES-1, ES-2, or ES-3).	
Ordering description	Specify product name, size, color, and length (for example, ES CAP-No. 2-X-35mm).	