

ES Caps

High-Shrink-Ratio, Adhesive-Lined, Semirigid Polyolefin Caps

Product Facts

- 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
- RoHS compliant



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.


Installation

Minimum shrink temperature: 100°C [212°F]
Minimum full recovery temperature: 135°C [275°F]

Operating Temperature Range

-40°C to 105°C
[-40°F to 221°F]

Specifications/Approvals

Series	UL* 	Raychem
ES Caps	E85381 600 V, 125°C	RW-3006

Available in:	Americas	Europe	Asia Pacific
	■	■	■

ES Caps (Continued)

Product Dimensions

Part Number	Standard Length* as Supplied (Millimeters)	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]	1.02 [0.040]

*Other cap lengths available upon request.

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

Ordering Information

Color	Standard	Black (-0), 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 their numbered size (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).	