

# 3M™ Heat Shrink Heavy Duty End Caps

Data Sheet

July 2013

## Product Description

Heat shrinkable end caps are typically used to seal cable ends and provide mechanical and environmental protection.

When heated in excess of 121°C (250°F), SKE Heat Shrink Heavy Duty End Caps rapidly shrinks, forcing the melted adhesive lining to flow and cover the substrate. The adhesive forms a flexible bond with a wide variety of rubbers, plastics and metals. Upon cooling, the adhesive solidifies, forming a permanent, non-drying, flexible and water resistant barrier. Adhesive reflow will occur at temperatures above 80°C (176°F).

## Agency Approvals & Self Certifications

**RoHS**  
2011/65/EU

"RoHS 2011/65/EU" means that the product or part does not contain any of the substances in excess of the maximum concentration values ("MCVs") in EU RoHS Directive 2011/65/EU. The MCVs are by weight in homogeneous materials. This information represents 3M's knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to 3M.

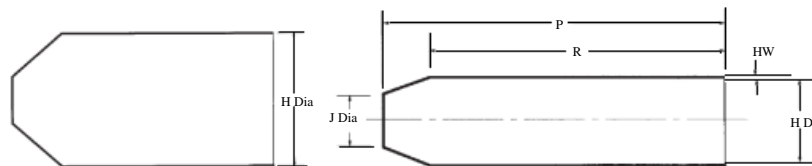
## Applications

The operating temperature range is from -55°C (-67°F) to 110°C (230°F), with a shrinking temperature minimum of 121°C (250°F).

## Product Sizing

Expanded Part (as supplied)

Fully Recovered Part  
(after heating)



PART NUMBER	H DIA		J DIA MAX R	P ±10% R	R ±10% R	HW ±20% R	For Cable Diameters
	MIN X	MAX R					
SKE 4/10	0.39 (9.9)	0.16 (4.1)	0.12 (3.1)	1.32 (33.5)	1.18 (30.0)	0.08 (2.0)	0.16 - 0.31 (4.1-7.9)
SKE 8/20	0.79 (20.1)	0.30 (7.6)	0.26 (6.6)	2.18 (55.4)	1.97 (50.0)	0.09 (2.3)	0.31 - 0.43 (7.9-10.9)
SKE 15/40	1.57 (39.9)	0.59 (15.0)	0.41 (10.4)	3.54 (89.9)	3.15 (80.0)	0.12 (3.1)	0.59-1.26 (15.0-32.0)
SKE 25/63	2.48 (63.0)	0.98 (24.9)	0.63 (16.0)	5.63 (143.0)	5.12 (130.1)	0.13 (3.3)	1.00 - 1.97 (25.4-50.0)
SKE 30/76	2.99 (75.9)	1.18 (30.0)	0.67 (17.0)	6.22 (158.0)	5.91 (150.1)	0.16 (4.1)	1.18 - 2.36 (30.0-60.0)
SKE 45/100	3.94 (100.1)	1.77 (45.0)	1.02 (25.9)	6.40 (162.6)	5.50 (139.7)	0.16 (4.1)	1.77 - 3.15 (45.0-80.0)

- All dimensions in both inches and metric, all angles in degrees
- Dimensions in table: X = Expanded (Minimum) R = Recovered (Maximum)

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<b>Material</b>	<ul style="list-style-type: none"><li>• Color – Black</li><li>• Material / Boot Outer – Flexible Flame Retardant Polyolefin</li><li>• Adhesive / Inner Layer – TTS-250, Thermoplastic 80°C</li></ul>
<b>Shelf-Life</b>	This product has a 10-year shelf life from date of manufacture when stored in a humidity controlled storage (10°C / 50°F to 27°C / 80 °F and <75% relative humidity).
<b>Availability</b>	Please contact your local distributor; available from 3M.com/oem [Where to Buy] or call 1.800.676.8381.

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