

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.

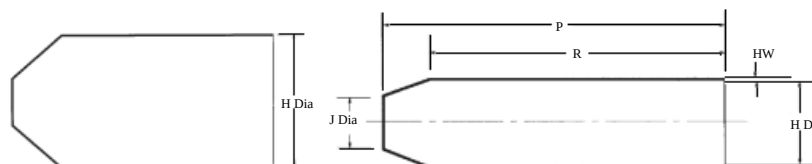
Applications

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)

3M™ Heat Shrink Heavy Duty End Caps

Material	• Color – Black • Material / Boot Outer – Flexible Flame Retardant Polyolefin • Adhesive / Inner Layer – TTS-250, Thermoplastic 80°C
Shelf-Life	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).
Availability	Please contact your local distributor; available from 3M.com/oem [Where to Buy] or call 1.800.676.8381.

3M is a trademark of 3M Company.

Important Notice	All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product, which are not contained in 3M's current publications, or any contrary statements contained on your purchase order, shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.
Warranty; Limited Remedy; Limited Liability	This product will be free from defects in material and manufacture at the time of purchase. 3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. Except where prohibited by law, 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.



Electrical Markets Division
6801 River Place Blvd.
Austin, TX 78726-9000
800.245.3573
FAX: 800.245.0329
www.3M.com/electrical

Please recycle
© 3M 2013 All rights reserved
78-8141-6139-0 Rev A

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

3M:

[SKE-4/10](#) [SKE-15/40](#) [SKE-25/63](#) [SKE-30/76](#) [SKE-45/100](#) [SKE-8/20](#)