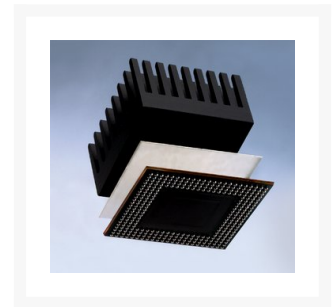
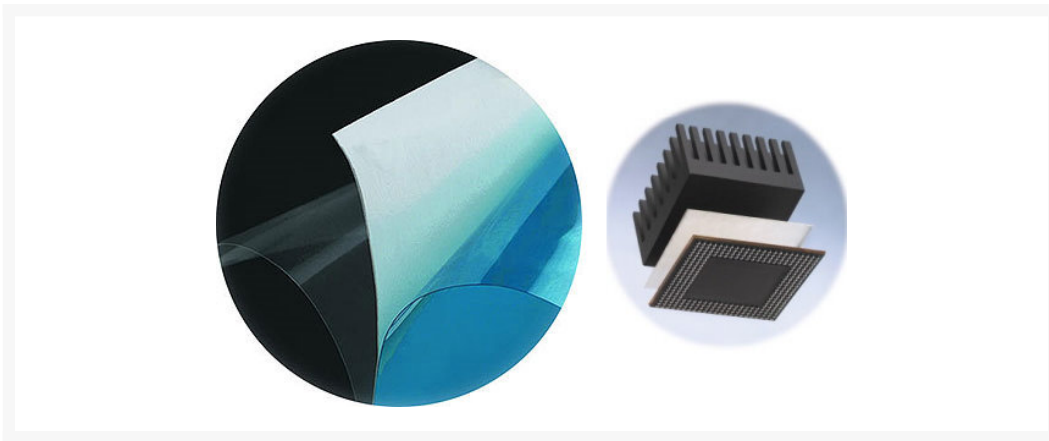




# 3M 3M 8815 Thermally Conductive Adhesive Tape - 1" x 1"

\$1.19

## Product Images



## Short Description

3M's highest mechanical strength thermally conductive tapes, also offers improved surface wetout and excellent shock performance! This is the same high quality tape used by Swiftech and Enzotech and other major companies for adhesion of ram sinks, mosfets and other heatsinks used in air and water cooling of computer hardware.

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Designed to provide a preferential heat-transfer path between heat-generating components and heat sinks or other cooling

devices (e.g., fans, heat spreaders or heat pipes). It is modestly soft and able to wet to many surfaces, allowing it to conform well to non-flat substrates, provide high adhesion, and act as a good thermal interface. Offers excellent adhesive performance with good wetting and flow onto many substrate surfaces. Offers both good thermal conductivity and good electrical insulation properties. Only pressure is needed to form an excellent bond and thermal interface.

## Features

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- 3M™ Thermally Conductive Adhesive Transfer Tapes 8815 are designed to provide a preferential heat-transfer path between heat-generating components and heat sinks or other cooling devices (e.g., fans, heat spreaders or heat pipes).
- These tapes are tacky pressure sensitive adhesives loaded with thermally conductive ceramic fillers that do not require a heat cure cycle to form an excellent bond to many substrates. Only pressure is needed to form an excellent bond and thermal interface.
- The specialized chemistry of tapes 8815 renders them modestly soft and able to wet to many surfaces, allowing them to conform well to non-flat substrates, provide high adhesion, and act as a good thermal interface.
- The specialized acrylic chemistry of tapes 8815 provides for excellent thermal stability of the base polymer.
- The thermally conductive tapes are provided on a silicone treated polyester release liner for ease of handling and die cutting.
- The tapes offer excellent adhesive performance with good wetting and flow onto many substrate surfaces. These tapes offer both good thermal conductivity and good electrical insulation properties.

## Specifications

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	Tape 8815 (1) Cut Piece of 1" X 1.0"
	4.00 kg/in (90 Degree Peel) Aging at 70 Degree C for 72 hrs
	Battery Thermal Management, Flex Bonding, Heatsink-Thermal Interface Attachment, Heatsink-Thermal Interface-Non Bonding, IC Packaging Heat Conduction, LED Lighting Thermal Management, Thermal Interface-Damping-Cushioning
	Bonding, Thermal Interface Materials
	No Carrier
	White
	26kV/mm
	1.5 mil
	0.0375 mm
	Clear PET Liner
	Double

	(Weeks-Months) 90 to 100 Degree C
	(Hours-Days) 125 to 150 Degree C
	8815
	0.60 W/m-K
	1.17 (Degree C)-in <sup>2</sup> /W
	7.6 (Degree C)-cm <sup>2</sup> /W
	2.0 mil
	0.050 mm
	Blue PET Liner
	15.0 mil
	0.375 mm

## Additional Information

Brand	3M
SKU	3M-8815-1
Weight	0.0100
Color	White
TIM Type	Tape

