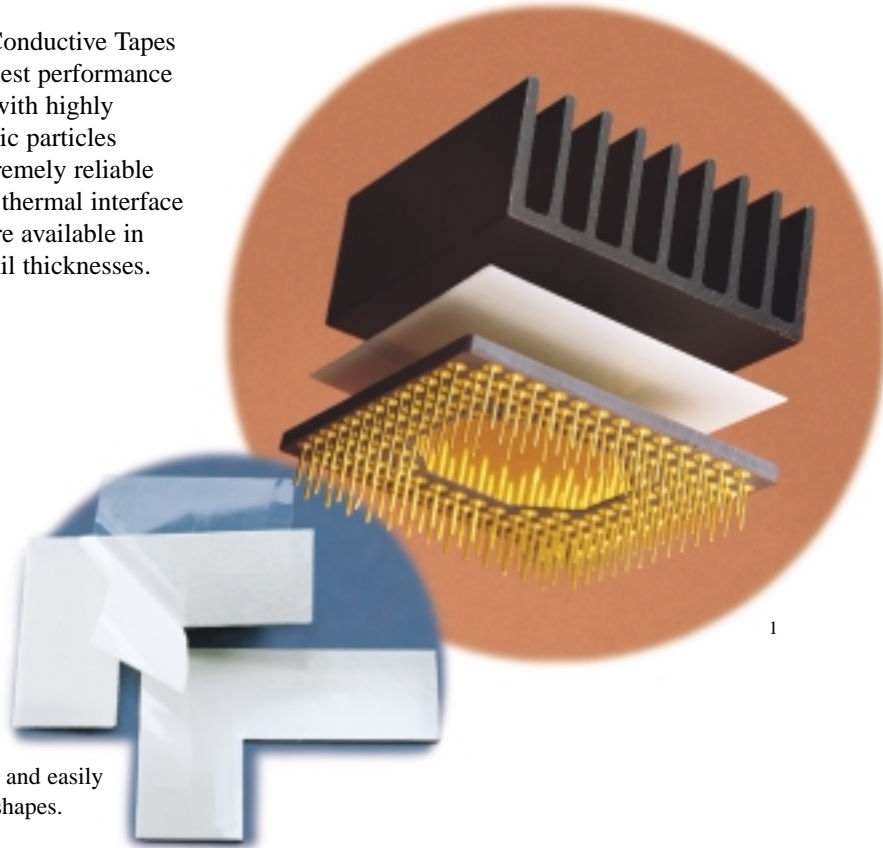




# Thermally Conductive Tapes

## 9882, 9885, 9890, 9889FR

3M™ Thermally Conductive Tapes combine our highest performance acrylic adhesive with highly conductive ceramic particles to provide an extremely reliable and user-friendly thermal interface material. Tapes are available in 2, 5, 10 and 40 mil thicknesses.



**UL 746C Listing**  
*Component Electrical Equipment:*

*(File MH17478,  
Category QOQW2)*

- High Temperature Adhesion
- Dielectric Strength

Apply quickly and easily using die-cut shapes.

### Productivity

- Tapes bond with light pressure and have **immediate tack**
- Avoid the mess, hassle and cost of greases and clips\*
- Eliminate long cure times and fixturing of liquid adhesives
- Can be die-cut and pre-applied to one surface for later bonding

### Reliability

- High performance adhesive is optimized for final adhesion, with bond strength increasing over time and with exposure to elevated temperatures
- **High dielectric strength** provides electrical isolation
- Tape provides high degree of **thickness control**

### Performance

- **Pure adhesive film construction** means no carrier to hinder gap filling
- **No carrier** also means fewer material interfaces, a leading cause of poor thermal performance
- Unique combination of wet out and high temperature performance



*No Grease!  
No Clips!\**

\*Some particularly demanding applications may require mechanical fixturing—please consult technical data page.

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## Application Ideas

Bond together heat-generating and heat-sinking (or sensing) electronic and general industrial components.

Products	9882	9885	9890	9889FR
Mounting flexible heating foils	•			
Mounting temperature-indicating films	•			
Mounting thermoelectric cooling modules	•	•	•	
Bonding flex circuit to heat sink	•	•		
Bonding heat sink to microprocessor		•	•	
Bonding TAB-mounted IC to PCB		•	•	
Bonding power transistor to PCB			•	
Bonding power transistor to heat sink*		•	•	
Bonding plasma display to heat sink*				•
Gap filling with thermal conduction			•	•

\*May require additional mechanical fixturing.

Note: User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of application.

## For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-251-8634. Address correspondence to 3M Electronics, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55144-1000. Our fax number is 651-778-4244. In Canada, phone: 1-800-634-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

## Important Notice

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