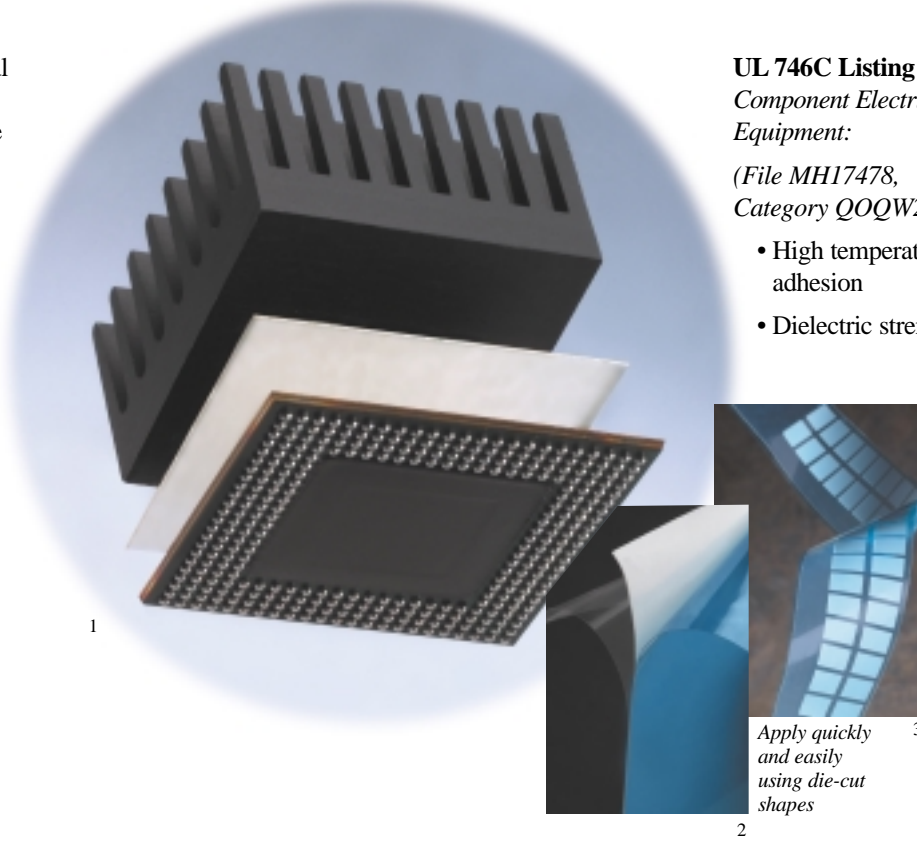




# Thermally Conductive Adhesive Transfer Tapes

## 8805, 8810, 8815, 8820

3M's highest mechanical strength thermally conductive tapes feature excellent adhesion properties, improved surface wetout, and excellent shock performance. Available in 5, 10, 15 and 20 mil thicknesses.



**UL 746C Listing**  
*Component Electrical Equipment:*  
 (File MH17478, Category QOQW2)

- High temperature adhesion
- Dielectric strength

### 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



*No Grease!  
 No Clips!\**

### Reliability

- **High mechanical strength** for securely attaching heat sinks and heat spreaders
- Elastomeric properties of adhesive provide **excellent shock performance**
- High dielectric strength provides electrical isolation
- Tape provides high degree of **thickness control**

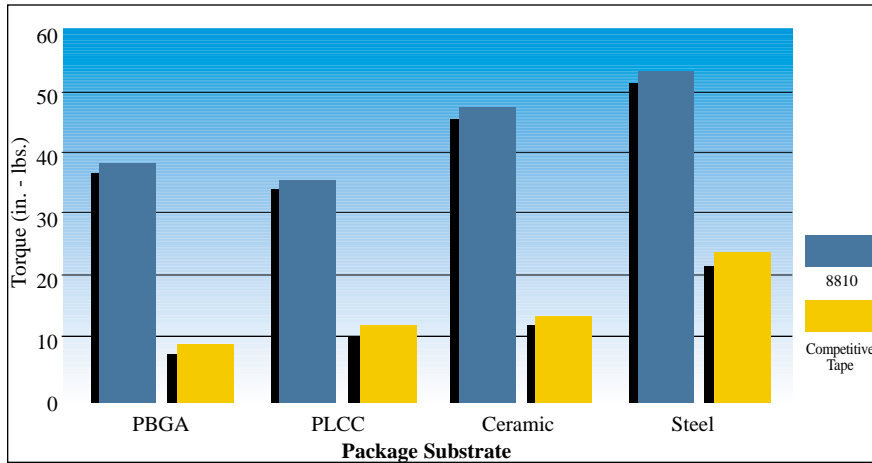
### Performance

- **Improved surface wetout** lowers thermal impedance
- **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

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

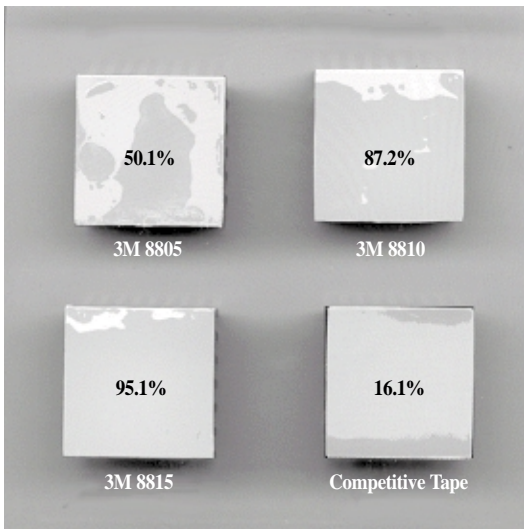
# 3M™ Thermally Conductive Adhesive Transfer Tapes 8805, 8810, 8815, 8820

## Torque Resistance



High mechanical strength helps keep heat sinks where they are supposed to be.

## % Wetout of Heat Sink to Glass Slide



Increased wetout improves both mechanical and thermal performance.

Dark areas show adhesive wetout.

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## Additional product information or sales assistance: 1-800-223-7427.

**Note:** The above technical information and data should be considered representative or typical only and should not be used for specification purposes.

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