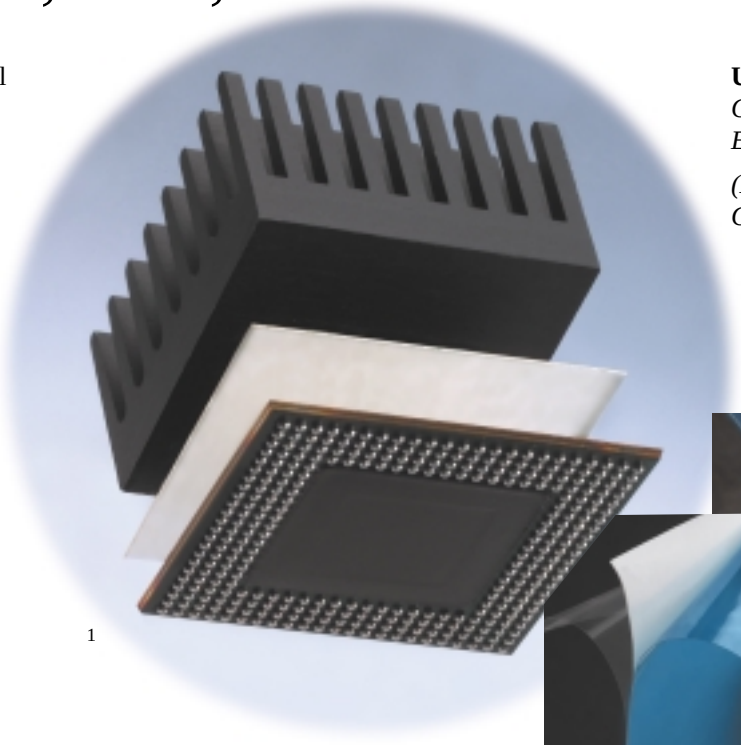
Thermally Conductive Adhesive Transfer Tapes

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.



1

3

Apply quickly and easily using die-cut shapes

2

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.

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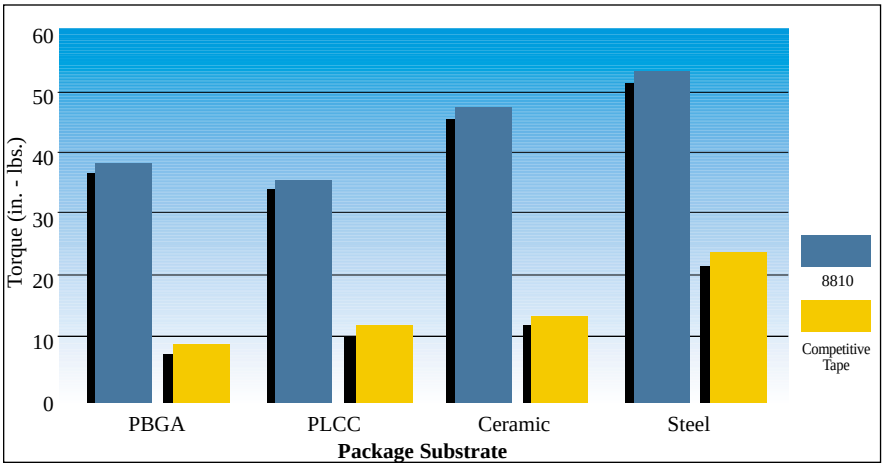
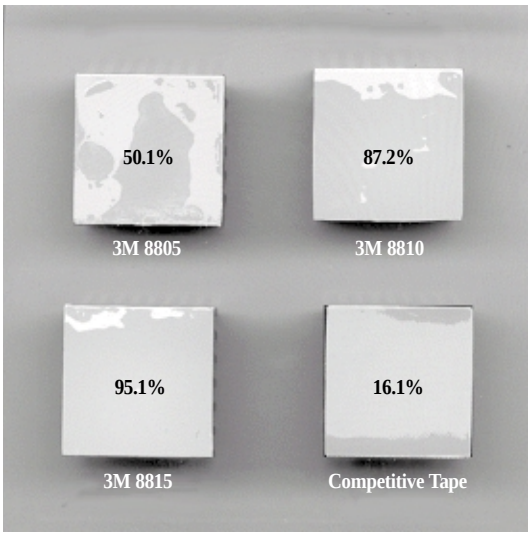
Torque Resistance



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

% Wetout of Heat Sink to Glass Slide



Dark areas show adhesive wetout.

Increased wetout improves both mechanical and thermal performance.

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.

Electronic Adhesives and Specialties Department
Engineered Adhesives Division

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