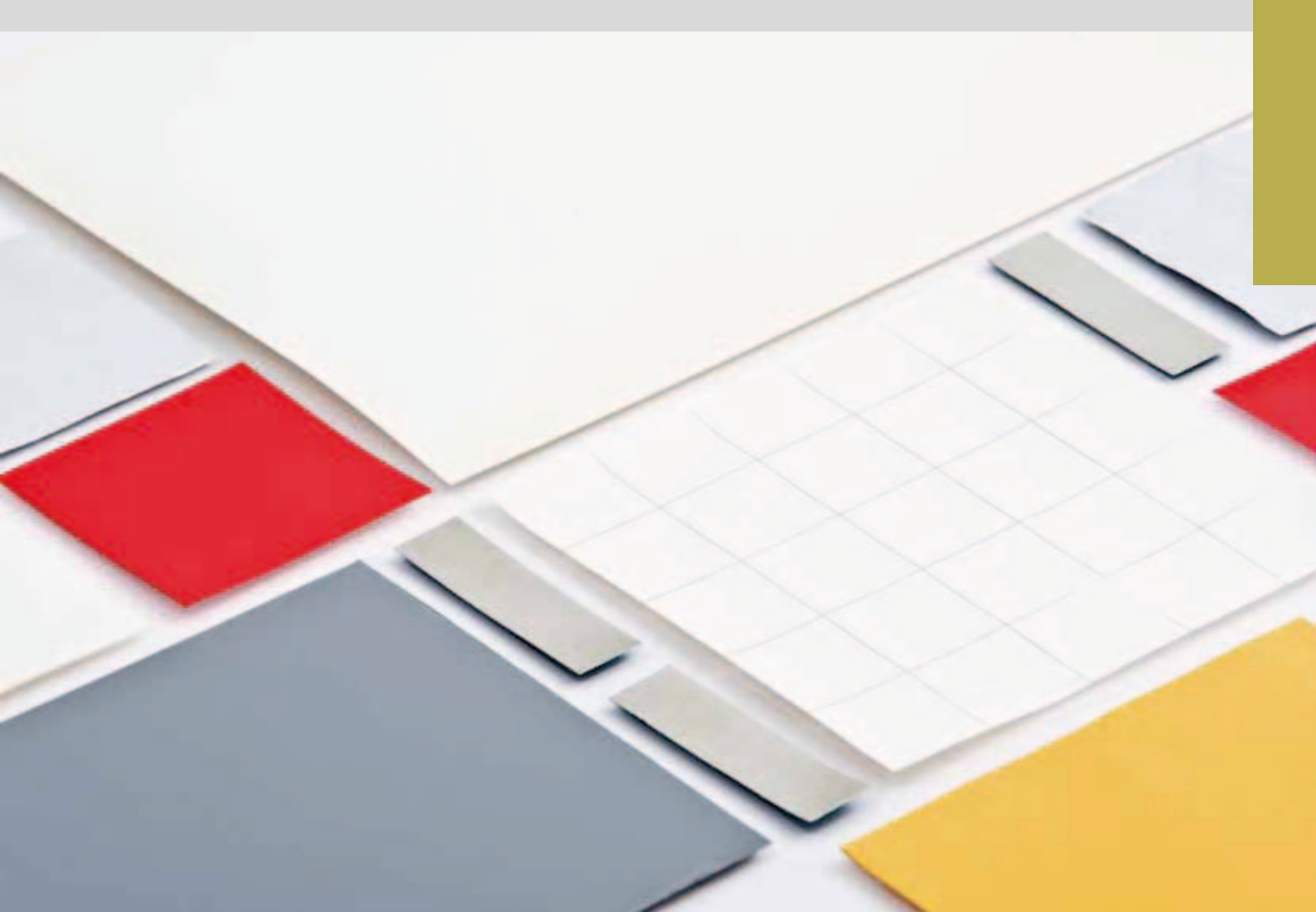


4.

**THERMAL
PHASE
CHANGE
MATERIAL.**



GENERAL INFORMATION

This product family of **Phase Change Thermal Interface** materials combines the consistency and ease of use of elastomeric pads with the low thermal impedance of thermal grease.

This winning combination makes this product family an excellent choice for today's most demanding thermal interface applications.

At temperatures above its transition temperature of 50-52 °C, a phase change material begins to soften and flow, filling the microscopic irregularities of the components it contacts.

The result is a very thin interface with minimal thermal contact resistance.

This product family is a great replacement for messy grease and it's available as individual die-cut parts, kiss cut parts, on rolls or sheets.

Customizations



FEATURES AND BENEFITS

- Very low Thermal Resistance from 0.013 °C-in²/W at 50 psi.
- High reliability.
- Provide high value price/performance point.
- Easy to use and handling.
- Available in inherently tacky version for no adhesive needs.
- Flammability rating up to UL94 V0.

EXAMPLES OF APPLICATIONS

- Microprocessors, Chipsets.
- Semiconductor cases and heat sinks.
- Power components and modules.
- Thermoelectric cooling devices, Testing systems.
- LED lighting and industrial electronics.
- Routers and wireless infrastructures.