

Simple, Flexible PCB Rework Heat Shield



HEAT SHIELDS

HeatShields™ - A simple method for shielding devices

BEST

3603 Edison Place • Rolling Meadows, IL 60008
v: 847.797.9250 • f: 847.797.9255

Your **BEST** choice in Solder Rework/Repair, Solder Training and Soldering Tools
www.solder.net

HEAT SHIELDS

Heatshields™ heat shielding material comes packaged with two sheets in every container. The shield material is configured to the shape you need by simply cutting the material to the size you need.

It is affixed in and around those components needing protection with high temperature polyimide tape. By simply blanketing the area in and around the device to be protected and affixing it into position with high temperature-rated tape, your components are protected.

HeatShields™ are designed for 3-5 uses when subjected to direct rework temperature heat sources. Its pliable walls (1/8" - 3.2mm) can be used to place the shield material into tight locations or to wedge it into position so it does not move during processing.

Specifications

Standard Size/sheet: **6" x 6" (152 x 152mm)**

1/8" (3.2mm) thick

Density: **10 lb/cu.ft. (160.1 Kg/m3)**

Tensile Strength: **25 PSI (3.87 Kg m2)**

Working Temperature: **1,800 °F.(982 °C)**
for Continuous Use

Thermal Conductivity:

@ 500°F 0.38 (0.05)

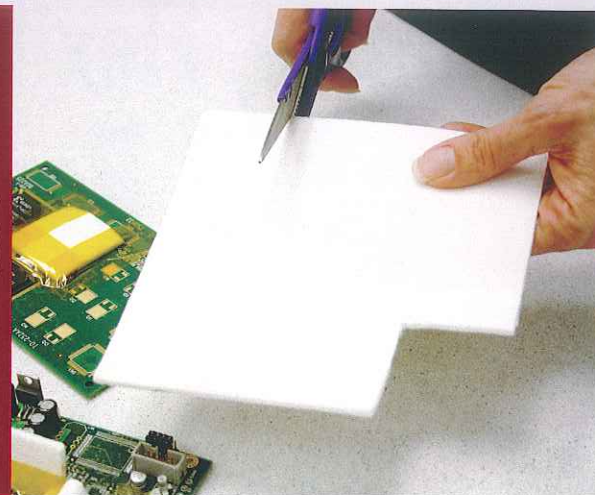
@ 1000°F 0.61 (0.09)

@ 1500°F 0.94 (0.14)

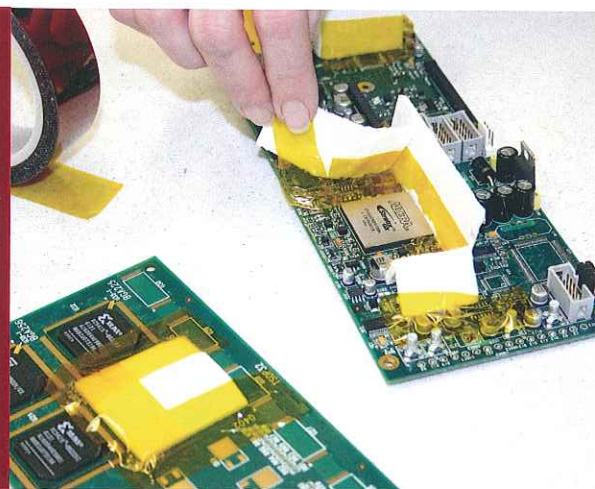
@ 2000°F 1.40 (0.20)



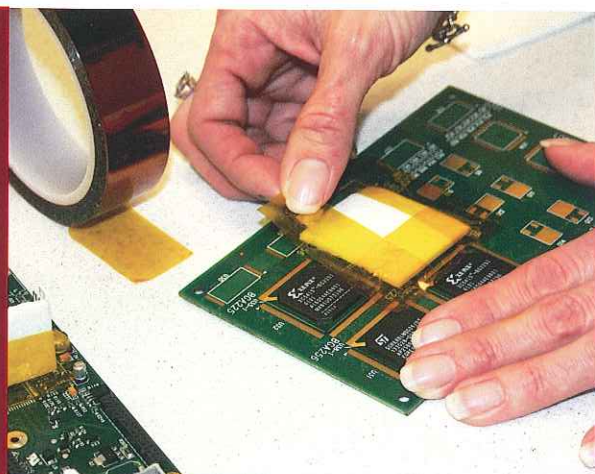
STEP 1



STEP 2



STEP 3



Use **BEST HeatShields™** to protect your components while enabling high yields. This shield material provides up to 60°C temperature reduction for the adjacent component package body and up to 35°C temperature reduction for the protected component solder joints.

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