



TIA™ 800AL Series products are mostly used for bonding heat dissipation fins, microprocessors and other power consumption semiconductors.

This type of adhesive tape possesses ultimate bonding strength with low thermal impedance, with which in effect can be able to replace the method of lubricating grease and mechanical fixing.

Feature

- » Thermal Conductivity **1.6W/mK**
- » High performance, thermally conductive acrylic adhesive.
- » High bond strength to a variety of surfaces Double sided pressure sensitive adhesive tape.

Application

- » Mount heat sink onto BGA graphic processor or drive processor.
- » Mount heat spreader onto power converter PCB or onto motor control.
- » Can be used instead of heat cure adhesive, screw mounting or clip mounting.



Typical Properties of TIA™800AL Series

Typical Properties	TIA806AL	TIA808AL	TIA810AL	测试方法
Color	White			目視
Adhesive Type	Acrylic Adhesive			*****
Backing Type	Aluminum Foil			*****
Continuous Use Temp	-45 °C to 120 °C			*****
Thickness	0.006" 0.152mm	0.008" 0.203mm	0.010" 0.254mm	ASTM D374
Voltage Breakdown	> 1000 Vac	> 1200 Vac	> 1500 Vac	ASTM D149
Thermal Conductivity	1.6 W/mK			ASTM D5470
180° Peel Adhesion	> 1200 g/inch (Steel, Immediate)			PSTC-1
180° Peel Adhesion	> 1400 g/inch (Steel after 24 hrs)			PSTC-1
Holding Power (25 °C/Hours)	> 48 Hours			PSTC-7
Holding Power (80 °C/Hours)	> 48 Hours			PSTC-7

Standard Thicknesses:

0.006"(0.152mm) 0.008"(0.203mm) 0.010"(0.254mm)

Consult the factory alternate thickness.

Standard Sizes:

16" x 100'(406mm x 30.48M) Individual die cut shapes can be supplied.

Thermal Conductive Interface Materials
Application Technology Download



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If you want to know our thermal Products, you can visit our website. . <http://www.ziitek.com>

Gap Fillers | Pouring sealant | Silicon tape | Thermally Conductive paste | Flake graphite | Thermally Conductive Insulators
Ceramic heat sinks | Thermally Conductive plastic | Thermally Conductive Adhesive Tapes

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