

Technical Data Sheet

Product Description:

PS-1692 is a 0.06mm thickness thermally conductive tape that utilizes a copper foil backing.

Construction / Properties:

Property	Value	Test Method
Backing	Copper Foil laminated to PET face stock	--
Liner	100 lb Paper release liner	--
Thickness	0.06mm	ASTM D374
Adhesive Peel Strength	>800 g/25mm	ASTM D1876
Thermal Conductivity	100 W/m K	ASTM D5470
Continuous Use Temperature	-10° to 95°C	--
Flammability Rating	V-0	UL 94
RoHS Compliant	Yes	--

General Information:

PS-1692 is a thermally conductive copper foil tape. PS-1692's construction utilizes a ceramic powder compounded within a high performance acrylic adhesive, then laminated to a copper foil to provide a thermally conductive heat spreading product. PS-1692 can be used in both horizontal and vertical heat spreading applications. The product was specifically designed for use in the electronics industry due to its high thermal conductivity and conformability.

Features:

- Superb Tack
- Excellent Thermally Conductive Properties
- Good Resistance to Heat and Humidity
- Superb Adhesion to Low Surface Energy Substrates
- Excellent for Automated Dispensing Applications
- RoHS and HF Compliant



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Specific tests should be performed by the end user to determine the product suitability for the particular application.

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