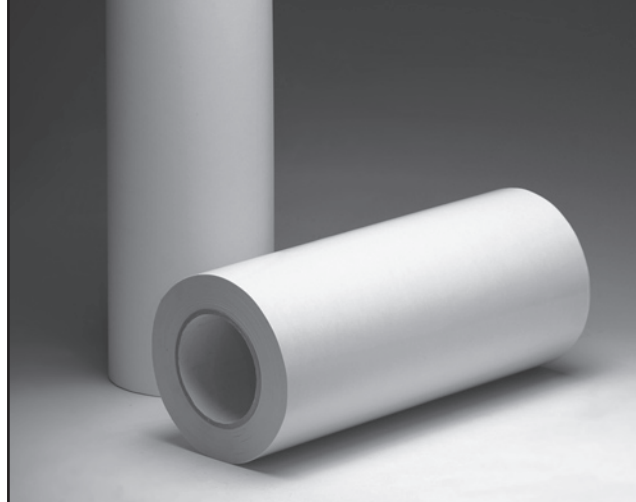


## Thermal Management Materials (6006 Series)



### Thermal Adhesive Transfer Tape

The 6006 Material – a thermally conductive adhesive transfer tape with a thickness of 10 mil. This material is a ceramic filled acrylic adhesive film incorporated onto a protective release liner. With excellent thermal conductivity, mechanical bonding properties, environmental, and electrical insulation along with the ease of use due to the release liner, this product provides an effective thermal interface between a heat sink and electronic components. This thermally conductive adhesive is well suited for many thermal management applications.

Example applications include bonding of IC packages, electronic components, and flex circuits to heat sinks.

PROPERTY Material 6006	RANGE	UNIT	TEST METHOD
Color	White	—————	Visual
Thickness	0.25	mm	-
Adhesion	1.5	kg/inch	PSTC-1
Holding Power	>48	hrs/inch <sup>2</sup> @100oC	PSTC-7
Weight Loss	<1	@204 °C/24 hr.	-
Specific Gravity	1.85 +/-0.1	g/cm <sup>3</sup>	ASTM D792
Hardness	20 +/-5	Shore A	ASTM D2240
Dielectric Breakdown (V)	>6	KV/mm	ASTM D149
Surface Resistance	2.2 x 10 <sup>11</sup>	Ohm-meter	ASTM D257
Temperature - continuous	-30 to +120	oC	-
Thermal Conductivity	0.8	W/m-k	ASTM D5470