

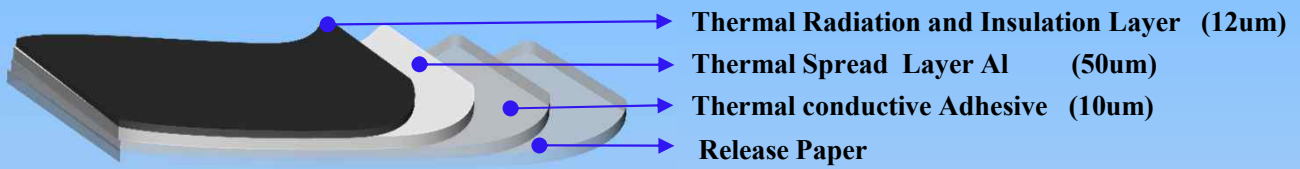
TSS Al 070

TSS *Al 070* is requirements for applying thermal absorbing conduction system to electronic appliance. Because of temperature increasing form miniaturization, high Speed, and integration.

Features and Benefits

- Strong adhesiveness, wide range of application
- Good die-cutting property
- High performance thermal spreading
- High performance insulation in surface
- Laminated of a insulator and adhesive is not require

Structure (Product Cross-Sectional View)



<i>A) Mechanical Properties</i>			
Thickness	(mm)	70 ± 10 %	ASTM D374
Color		Black / Al	Vissual
Adhesion	(gf/25mm)	Min 1,000	ASTM D 3330
Tensile Strength	(kg/mm ²)	55	ASTM D882
Elongation	(%)	0.9	ASTM D882
<i>B) Electrical Properties</i>			
Insulation Resistance	(ohm Meter)	MIN 10 ¹²	ASTM D257
<i>C) Thermal Properties</i>			
Thermal Conductivity	(W/m-K)	200	ASTM D5470
<i>D) Reliability Test</i>			
Constant Temp & Humidity		OK	85 °C/85% 72Hr
Thermal Shock		OK	-40 ~80 °C 30min, 100 Cycle
Heat Resistance		OK	100 °C 72Hr