



**#1 Coating Technology in The World**  
**Molecule Gradient Layer (MGL)<sup>TM</sup> Technology**

Based metal foil adhesive tape

Based aluminum tape

# 500 series

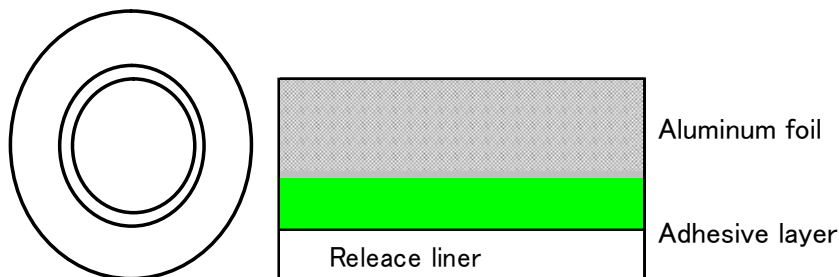
**Features**

- ①Has superior adhesive strength to various materials with single sided adhesive tape.
- ②Has superior thermal conductivity

**Applications**

- ①Fixation for heat diffusion
- ②For protect form electromagnetic interference

**Structure**



**Properties**

**1. General properties**

Item#	Thickness (mm)	Adhesive force (N/25mm)	Appearance
500	0.09	22.5	Non-glare
501	0.09	22.5	Glare
500E	0.09	22.5	Non-glare
501E	0.09	22.5	Glare

※Measurement conditions: peeling speed 300mm/min, 180° angle.

※The above values are sample observed values, not the guaranteed performance.

## Method

### 1-1)CONDITIONING

Condition the sample rolls of tape in the standard conditions of  $23 \pm 1^{\circ} \text{C}$

### 1-2)TEST SPECIMENS

The specimen shall be cut to 25mm width with a sharp razor blade.

A 2,040 g  $\pm$  45 g rubber-covered steel roller shall then be passed over the joint once in each direction at the rate of  $10 \pm 0.5$  mm/s.

### 1-3) TEST METHOD

Clamp specimen tightly in jaws of tensile tester. Make certain that edges of the sample are parallel with the jaws of the tensile tester.

Pull apart at a speed of 300 mm until the bond separates.

## Notice

User is responsible for determining whether the KGK product is fit for a particular purpose and suitable for user's method of application. Please remember that many factors can affect the use and performance of a KGK product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a KGK product. Given the variety of factors that can affect the use and performance of a KGK product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the KGK product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

KGK make no warranties on above data.

Issue Jan 2013

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