

FREYAL-K

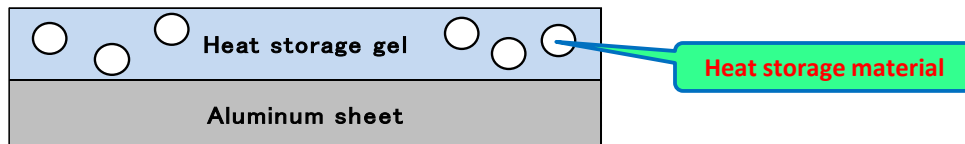
Construction

A two-layer structure consisting of an acrylic-based heat storage gel sheet and an aluminum sheet

Feature

- (1) Dissipate heat
- (2) suppress rapid temperature rise

Constitution



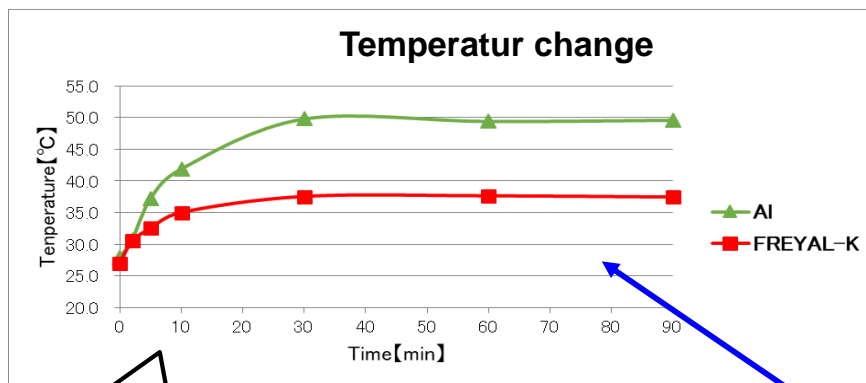
Size

500 × 500mm sheet

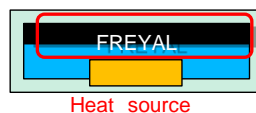
Product properties

product name	Thickness (μ)	Adhesive force N/25mm	Thermal conductivity W/m·K	Heat capacity (1cm ³) J/K	Transition temperature °C
FREYAL-K 3.5	35	7	163.8	131.450	60
FREYAL-K 7.5	75	10	76.4		
Aluminum sheet	25	—	163.8	131.45	659

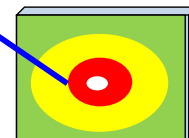
Thermal Feature



Temperature rise is slower than Al sheet alone



Measure surface heat source



Cautions

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.

KGK Chemical Corporation.

940 Minaminagai Tokorozawa-City saitama-Pref

359-0011 Japan

Tel : +81 4 2944 5151

Mail : info-k@kgk-tape.co.jp

URL : <https://www.kgk-tape.co.jp/>