



KGK Chemical Corp.

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

### Insulation support sheet

# VI—FREY

#### Feature

It is a heat insulating sheet that is made by bonding a vacuum heat insulation panel and a heat storage sheet.

You can expect the effect of insulating the outside air and keeping the internal temperature by storing heat.

#### Constitution

<b>Vacuum insulation sheet</b>
<b>Heat storage gel sheet</b>

#### Basic characteristics

Product name	Thickness	Adhesive force	Heat storage material transition temperature	Thermal conductivity	Amount of heat storage (heat capacity)
	mm	N/25mm	°C	W/m·K	J/g
VI—FREY	6.0	10	32	0.002	15.0

Adhesion test method

Lining material: PET 25  $\mu$  m

Tension angle: 180 degrees

Pulling speed: 300mm/min

Measurement temperature: 23°C

Measured value 1 hour after bonding

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.

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