



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

# FRAY-series

## Product Description

"FRAY-series" is sticky sheet made from heat-storage material.

"RRAY-series" can resolve the heat-trouble.

Features are as follows:

- (1)High heat-storage property
- (2)Excellent flexibility
- (3)Sticky-property for catch the heat

## Application Ideas

Resolution for heat troubles of smartphone or cellphone.

Resolution for heat troubles of automotive-parts.

## Product properties

Item NO.	Thickness	Peel Adhesion to Stainless Steel	thermal conductivity	heat capacity	transition temperature
		Adhesion/Stainless-steel ASTM D-3330			
	mm	N/25mm	W/m·K	J/g	(°C)
FRAY 10	0.10	5	0.7	150	40
FRAY 50	0.10	10	0.7	150	40

180° peel @ room temp,  
jaw speed 300mm/min

## 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 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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