

HTA02TX

Feature A heat-dissipating gel that has both transparency and thermal conductivity.

Use For fixing heat countermeasures for electronic parts, etc.

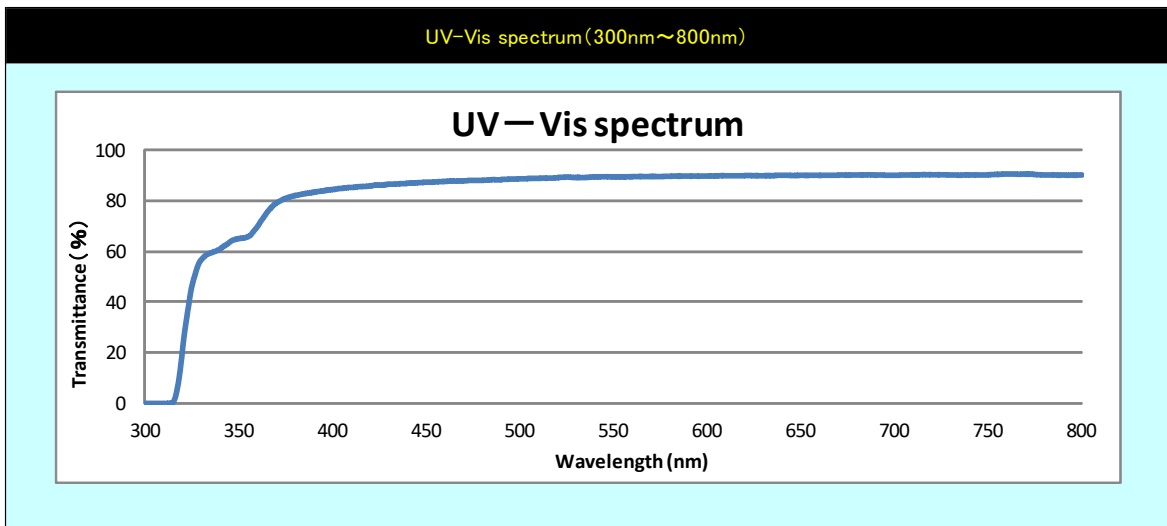
composition



Material of construction	Polymer system
Transparent heat conductive film	Polyester
Transparent soft elastic resin	Acrylic resin

Characteristic

product name	Total product thickness (mm)	Adhesive force (N/25mm)	Thermal conductivity Soft resin layer (W/m·K)	Transparent heat conductive layer (W/m·K)	Total light transmittance (%)	Retardation (nm)	Yellowness (120°C × 1000h)			
							L*	a*	b*	ΔE*(ab)
HTA02TX	0.2	10	0.8	6.7	90	2177	91.74	-0.77	-1.68	0.07



Thermal characteristics

5% thermal weight loss temperature 305°C
Glass-transition temperature -44°C

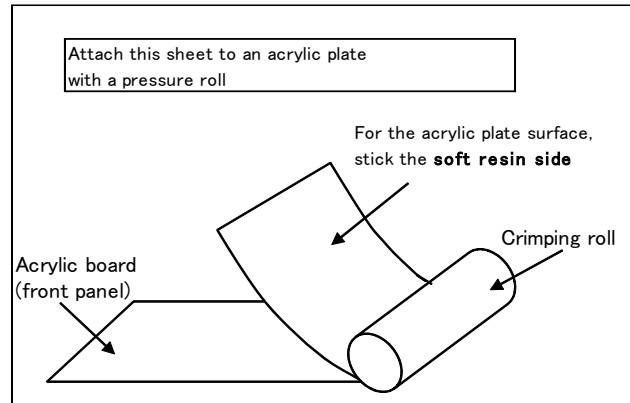
The above specifications are typical characteristics.
We will do our utmost to accommodate modification requests as required.

Example of laminating method

When pasting this sheet to a resin plate (eg acrylic plate), please stick the soft resin side.

Laminating conditions

For the bonding conditions, please select the optimum conditions by the customer depending on the person to be bonded.



One case

When using autoclave

Barometric pressure	5bar
temperature	60°C

Precautions on use

- All technical data are prepared based on tests and measured values conducted at the laboratory of KGK Chemical Co., Ltd. However, product characteristics may vary greatly depending on environment and adherend. Therefore, regarding these characteristic data, it is a reference value, not a guaranteed value. Before using it please make sure that this product is suitable for the intended use and environment.

Caution on storage

- Please be sure to put it in a box and keep it.
- Depending on storage conditions, characteristics may deteriorate.
- Please choose a cold and dark place not to be exposed to direct sunlight for the storage location. In particular, please do not expose to high temperature and high humidity (temperature 30 °C or more and humidity 50% or more forbidden).

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