



#1 Coating Technology in The World
Molecule Gradient Layer (MGL)TM Technology

HTA02TX

Features It is a heat dissipation gel with transparency and thermal conductivity.

Uses For fixing heat measures such as electronic parts

Composition



Constituent materials

Transparent heat conduction film

Transparent soft elastic resin

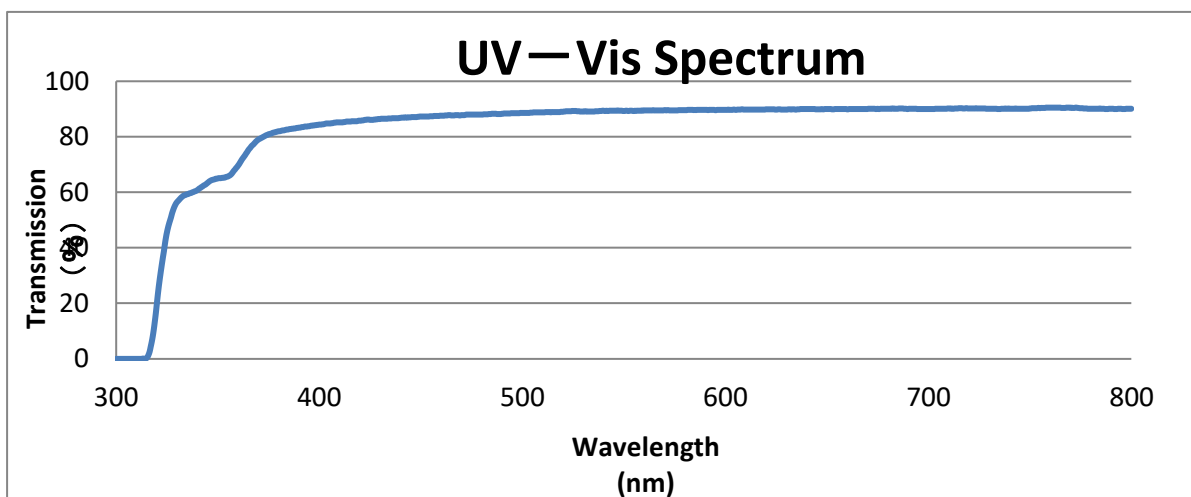
Polymer system

Polyester Series

Acrylic Resin System

Characteristics

Product Name	Total Product thickness (mm)	Adhesive strength (N/25mm)	Thermal conductivity		Full beam Transmission rate (%)	Retardation (nm)	Yellowing degree (120 °C × 1000h)			
			Soft resin Layer (W/m·K)	Heat conduction layer (W/m·K)			Color difference			ΔE*(ab)
							L*	a*	b*	
HTA02TX	0.2	10	0.8	6.7	90	2177	91.74	-0.77	-1.68	0.07



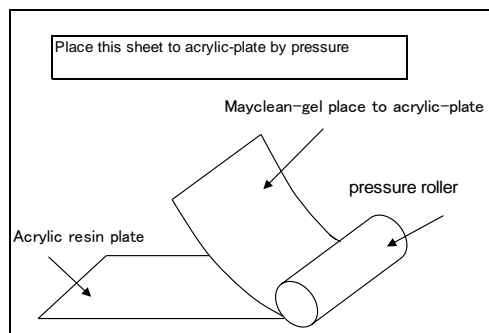
Thermal characteristics

5% thermal Weight loss Temperature 305 °C
Glass transition Temperature -44 °C

The above specifications are representative characteristics.

We will respond to any modification changes that you may require as much as possible.

An example of lamination method
to resin plate (e.g. acrylic plate)
If this sheet is bonded,
The soft resin side is bonded.
Thank you.



Bonding conditions

The bonding conditions

The best conditions, depending on whom you are sticking

We ask that you be selected by your customers.

An example

For autoclave use

Pressure	5 ATM	Temperature	60°C
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Precautions for use

- All technical materials are created based on the test and measured values conducted in the laboratory of co-Giken Chemical Co., Ltd.
However, the product characteristics may vary greatly depending on the environment and the adherend.
Therefore, it is a reference value for these characteristic data, and is not a guaranteed value.
Please make sure that this product is suitable for use and environment before use.

Storage precautions

- Be sure to keep it in the box.
- Property deterioration may occur due to storage conditions.
- Please choose a dark and cool place where the hit of direct sunlight is not kept.

In particular, do not expose the temperature to high humidity (30 °C or more humidity of 50% or more).

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