



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

Thin-film adhesive tape with

110A50

Feature

Thin and Strong adhesive force

Have excellent performance to not only metal but also various resin.

Have excellent processability with narrow width

Excellent followability / repulsion resistance

Stable adhesion even at high temperature

We do not use 13 substances specified by VOC such as formaldehyde, acetaldehyde, toluene, etc. as constituent materials, as determined by guidelines for indoor air pollution

(Ministry of Health, Labor and Welfare).

Application

It can be used for fixing for mobile products such as mobile phones.

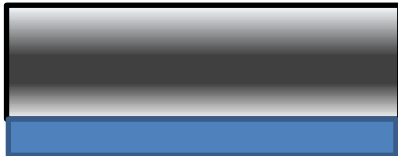
Fixation the parts of LCD-modules

Fixation the parts of name plates

Fixation the parts of Key-sheet

Fixation the parts of electro insulation-sheet

Structure



Special structure acrylic adhesive layer
thickness 0.05mm

Polyethyleneterephthalate with release-treatment on surface

Properties

general properties

| item | Thickness adhesive layer (mm) | Adhesive force (N/25mm) | Tensil strength (MPa) | Elongation (%) |
|--------|-------------------------------------|-------------------------------|-----------------------------|-------------------|
| 110A50 | 0.05 | 18 | 0.48 | 100 |

※Measure method
Adhesive force

Adhesive force
PET#25 backing, peeling speed 300mm/min, 180° angle.

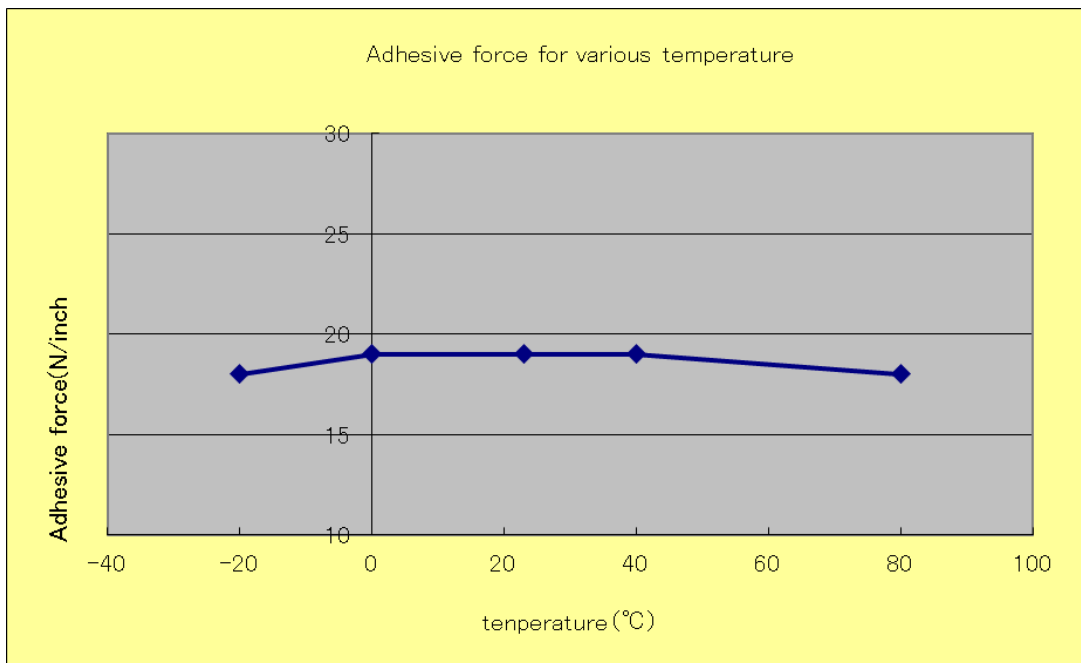
JIS Z0237



Adhesive force for various materials

| Adherent | Adhesive Force N/inch |
|---------------------|--------------------------|
| stainless steel | 18 |
| ABS plate | 19 |
| acrylic resin plate | 18 |
| polycarbonate plate | 17 |
| polypropylene plate | 13 |
| glass | 14 |

Adhesive force for various temperature

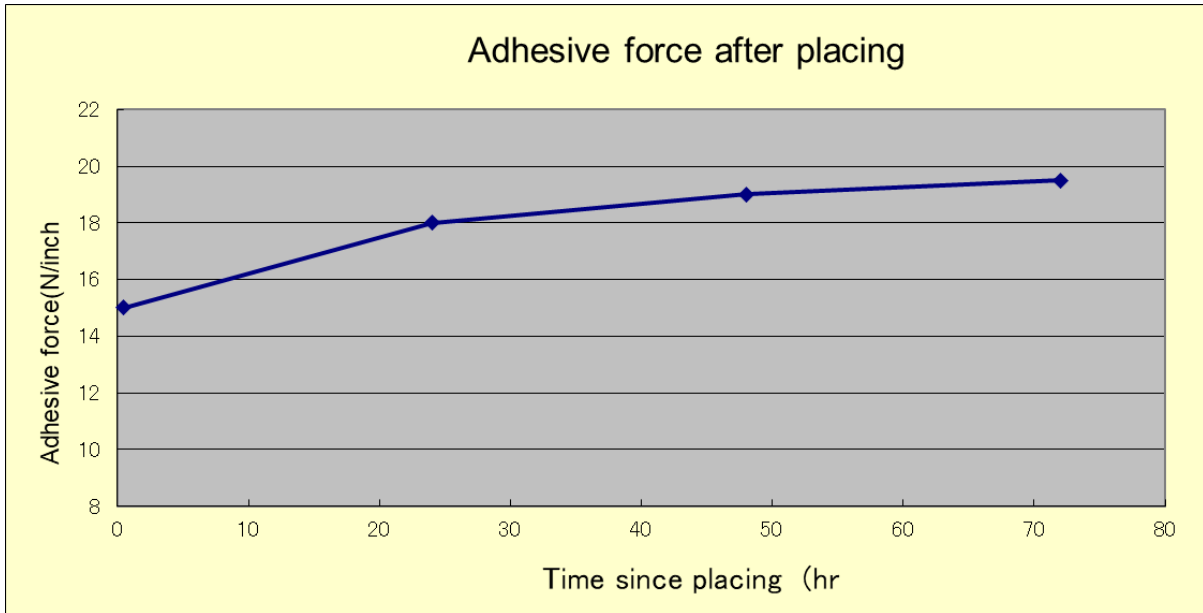


※Measure method Adhesive force JIS Z0237

Adhesive force PET#25 backing, peeling speed 300mm/min, 180° angle.

Although 110 A 50 shows a slight decrease at low temperature (-20 ° C.) and high temperature (80 ° C.), there is almost no characteristic change in adhesive strength due to temperature.

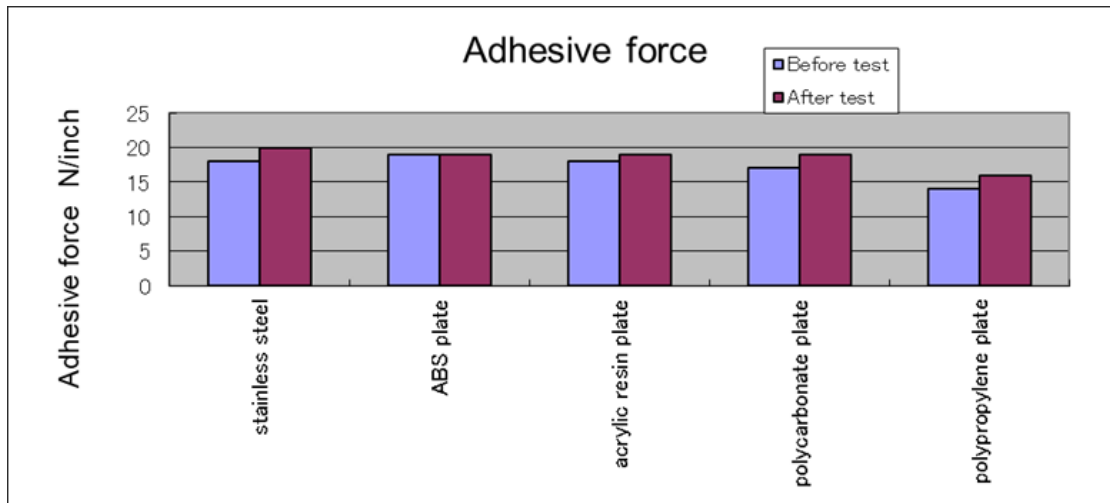
Adhesive force after placing



The adhesive strength of 110A50 becomes stable 48 hours after pasting.

Therefore, stable adhesion can be obtained if you leave it for several hours or several days, just after pasting.

Adhesive force after placing



Precautions on use

All technical data are prepared based on the tests and measured values carried out in the laboratory of KGK Chemical Corp. as the standard.

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.

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).

The warranty period of the tape is unopened and it is six months after shipment.

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