

Molecule Gradient Double Sided Adhesive Tape
with strong adhesive force

200Y12.5

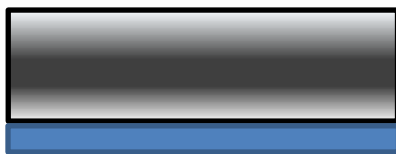
Feature

- Thin and strong adhesive force
- Stable adhesion even at high temperature (Very strong adhesive force in above 150°C)
- In room temperature its initial adhesiveness is same as normal adhesive tape.
- Excellent performance to not only with metals but also various resins
- High adhesion ability also on difficult-to-adhere-surfaces such as high molecular weight polyethylene
- Excellent followability / repulsion resistance
- Excellent punching processability with a hard polymeric adhesive layer in the middle
- 13 VOCs (volatile organic compounds) specified by Ministry of Health, Labor and Welfare of Japan for control of indoor air pollution are not used; such as formaldehyde, acetaldehyde, toluene, etc.

Applications

- For fixing of components in mobile products such as smartphones.
- Fixing of parts for heat problem countermeasure
- Fixing of antenna parts

Structure



Special structure acrylic adhesive layer

Release liner

Properties

Grade	Thickness	Adhesive force	
		non-heated vs SUS	After 120°CX2hr vs SUS
	μm	N/inch	N/inch
200Y12.5	12.5	7	11.5

Test method 180 degree peel JIS Z0237
 PET#25 backing, Tensile speed: 300mm/min

General properties			
Holding power	Shear distance (mm)		0
Shear Force	N/cm²	25°C	8
		200°C	14.5
Tensile strength	N/cm		14.5
Elongation ratio	%		85

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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