



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

High processable and high adhesion double-coated adhesive tape

The nonwoven carried thin double-coated tape

201

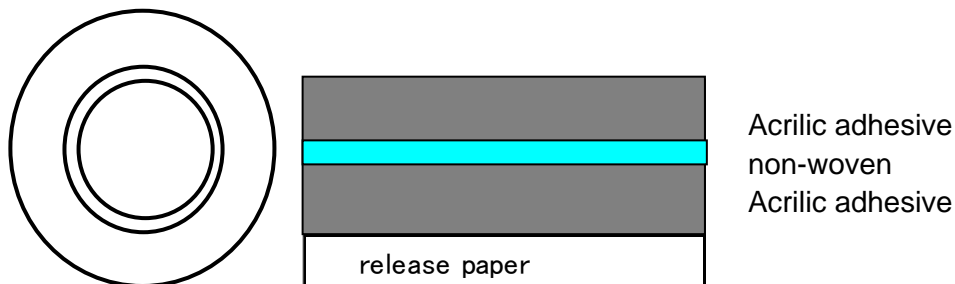
Features

- ① "201" has superior adhesive strength which makes the tape ideal for general bonding.
- ② "201" has superior adhesive strength not only metal but also films and plastic materials
- ③ Has repulsion resistance superior to that of other double-coated adhesive tapes.
- ④ Formulated for many substrates

Application

General purpose double coated adhesive tape; use for example name plate
Fixing of plastic display panel
For fixing key-sheets
For fixing name-plate

Structure



1.Properties

Product name	Thickness (mm)	Adhesive strength (N/25mm)
201	0.12	16

※Measurement conditions: PET#25 backing, peeling speed 300mm/min, 180° angle.

※The above values are sample observed values, not the guaranteed performance.

Method

1-1)CONDITIONING

Condition the sample rolls of tape in the standard conditions of $23 \pm 1^\circ \text{C}$

1-2)TEST SPECIMENS

The specimen shall be cut to 25mm width with a sharp razor blade.

A 2,040 g \pm 45 g rubber-covered steel roller shall then be passed over the joint once in each direction at the rate of 10 ± 0.5 mm/s.

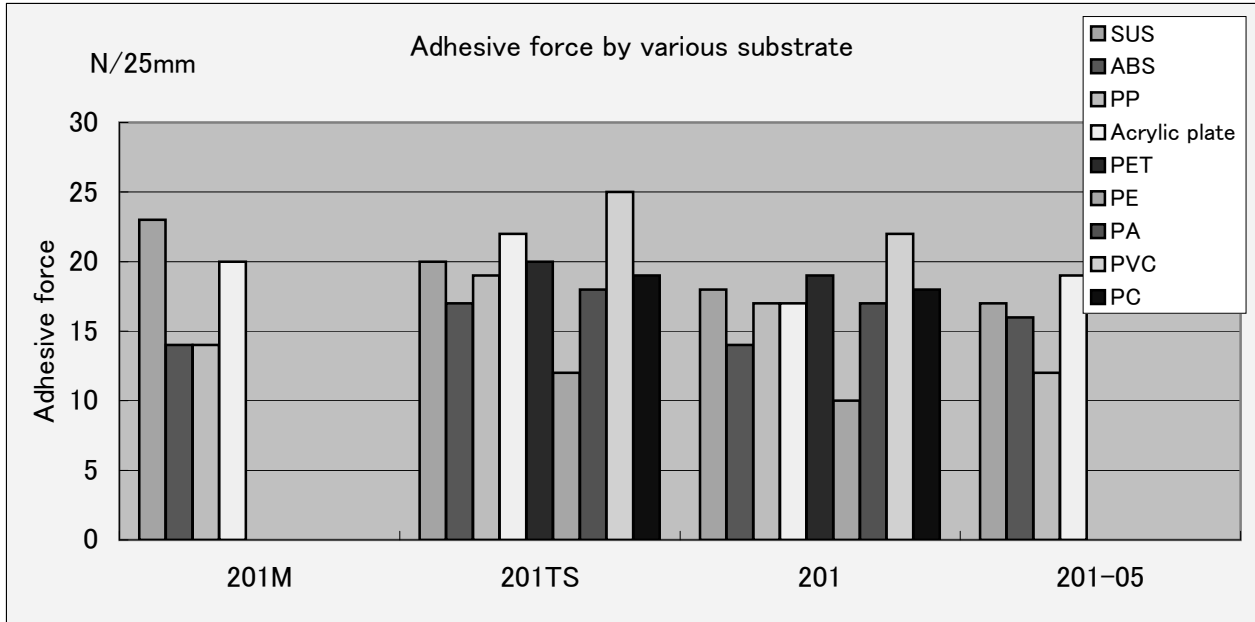
1-3) TEST METHOD

Clamp specimen tightly in jaws of tensile tester. Make certain that edges of the sample are parallel with the jaws of the tensile tester.

Pull apart at a speed of 300 mm until the bond separates.

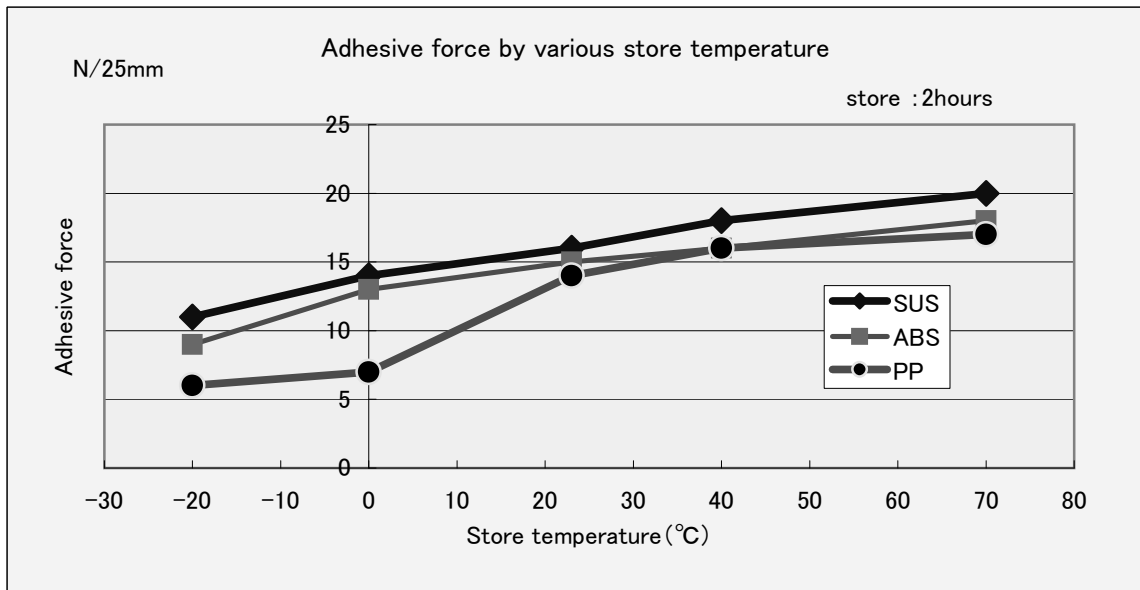
2.Bonding strength on various type of substrate (180° peeling)

Adhesive force for our any products based nonwoven



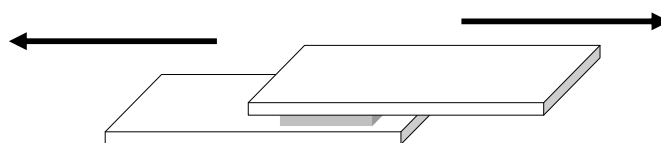
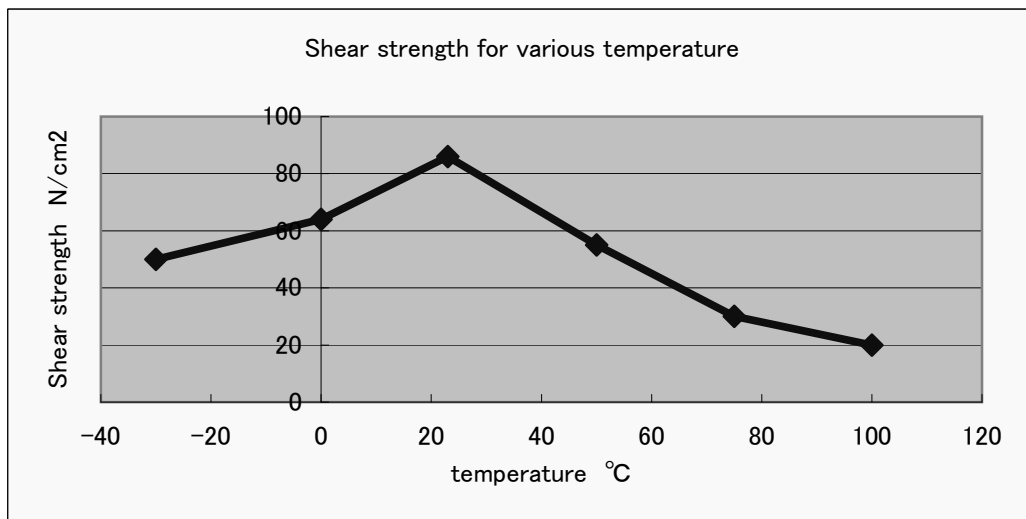
"201" tape has the adhesive properties which balance was able to take also various conditions.

3. Bonding strength on various store temperature



The tape "201" has above properties for various temperature. So the tape "201" has stronger adhesive force at high degree temperature than at low degree temperature.

4. Shear strength for various temperature



test

(1)Size 10mm×10mm

(2)Method Tape cutted 10mmX10mm

Laminated tape and adhend by roll weight 2kg, round 2 times.
Stored 24 hours at room temperature.

test speed

200mm/min

Notice

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 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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