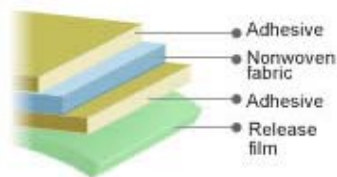


Flame retardant type double coated tapes UT1500 series

Features

- Adhesive tape with lower environmental impact with UV curable manufacturing method (non solvent adhesive coating process).
- High heat resistance; can be used in environments of up to 120°C.
- High flame retardation (UL 94 VTM-0 FileNO.E63260)
- Excellent adhesion to glass and metallic surfaces.

Structure



Product name	UT1515	UT1540
Main component	Acrylic	Acrylic
Carrier	Nonwoven fabric	Nonwoven fabric
Color	white	white
Adhesive thickness (μm)	About 150	About 400
Release film thickness (μm)	About 75	About 75
Bonding strength (N/20mm) *2	15	27
St'd size (width & length)	480mm × 50m	480mm × 50m

* UL certificated. UL file No: (94 VTM-0 NO.E63260)

*2 90° peeling strength

Suitable use

- Ideal for bonding heat-generating parts and metals/plastics where high flame retardation is required.
- UT1540 is ideal for bonding to polycarbonates and glass.



Technical data

1. Bonding strength on various type of substrate (90° peeling)

<Test piece condition>

Tape width: 20mm

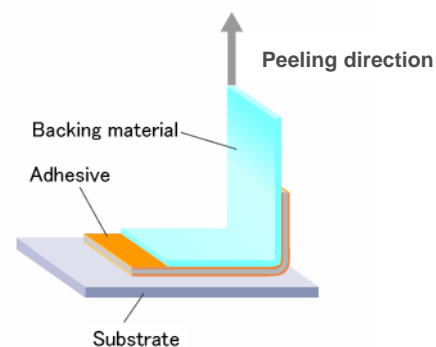
Bonding condition: One stroke with 2-kg roller

Measuring condition: 23°C±5°C 60%±20% RH

Peeling speed: 300mm/min

Backing material: 40μm Aluminum foil

[Left at RT for one day before measurement]



<90° peeling strength test>

<Results>

(N/20mm)

90° peeling strength	Product name	Substrate					
		SUS	Glass	AL	ABS	PS	PC
	UT1515	15.0	11.6	10.8	14.0	13.0	12.4
	UT1540	26.8	21.8	15.8	22.2	16.0	16.4

2. Holding power at different temperatures

<Test piece condition>

Substrate: Stainless steel plate (SUS304)

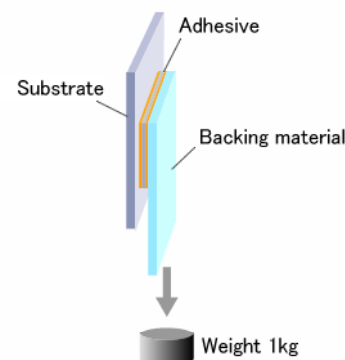
Bonding area: 25mm × 25mm

Bonding condition: One stroke with 2-kg roller

Backing material: 40μm Aluminum foil

[Left at RT for one hour and then at each temperature for 30 minutes before measurement]

[Creep length after one hour application of 1-kg load]



<Holding power test>

<Results>

Creep length (mm)	Product name	Measurement temperature		
		80°C	120°C	150°C
	UT1515	0.1	0.2	0.4
	UT1540	0.2	0.4	0.6



Note on the characteristic data given— Data on the characteristics of the products described in this catalog are based on the results of evaluations carried out by the company. This does not guarantee that the characteristics of the product conform with your usage environment. Before use, review the usage conditions based on evaluation data obtained from the equipment and substrates actually used.

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