

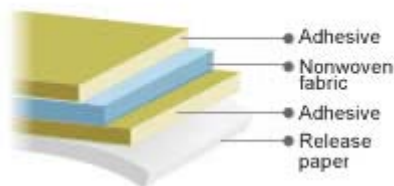
Strong adhesive Low temperature heat revitalization type double coated tapes

## UT21XXHM series

### Features

- The environmental impacts are low adhesive tapes because of the UV cure type manufacturing method that doesn't use an organic solvent at adhesive coating.
- It is a double-faced adhesive tape with the radical material with strong adhesive power compared with old goods that have heat revitalization and a minute tuck at the low temperature.
- It is excellent in the high temperature retentivity though it is a heat revitalization tape.

### Structure



	UT2110HM	UT2115HM
main component	Acrylic resin	
carrier	nonwoven fabric	
color	Colorlessness is transparent	
adhesive thickness ( $\mu$ m)	about 100	about 150
release paper (or film) thickness ( $\mu$ m)	about 140	
bonding strength (N/20mm) ※	33	38
st'd size (width & length)	480mm × 50m	

※ Peeling strength (180° ) Measurements

### Suitable use

- It is suitable for the LCD display part window frame and the nameplate fixation usage such as cellular phones.



# Technical data

## 1. bonding strength on various type of substrate(180° peeling)

< test piece condition >

tape width : 20mm

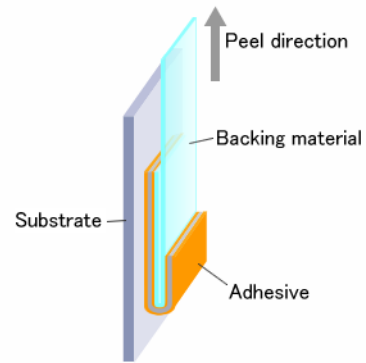
bonding condition : 90°C、0.28MPa、10sec

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

peel speed : 300mm/min

backing material : 40 μ mAL Foil

[Measurement after RT is left for one hour]



< Peeling strength test(180° ) >

< test data >

(N/20mm)

Substrate		SUS	ABS	PS	PET	PI	PC
180° Peeling strength	UT2110HM	32.7	26.7	25.2	26.4	24.2	30.6
	UT2115HM	38.4	35.1	33.8	31.6	33.1	36.4

## 2. Holding power under each temperature

< test piece condition >

substrate : Stainless plate (SUS304)

bonding area : 25mm × 25mm

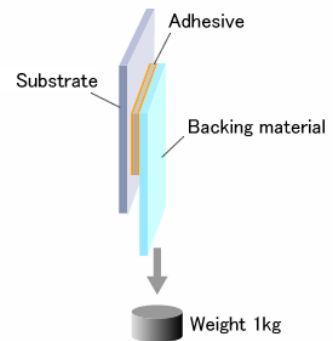
bonding condition : 90°C、0.28MPa、10sec

Backing material : 40μmAL Foil

[Measurement after it leaves it for 30 minutes

under each temperature in one hour]

[creep length (mm) after one hour by 1kg load is measured. ]



< Holding power test >

< test data >

Measurement temperature		40°C	100°C	140°C
creep length (mm)	UT2110HM	0.1	0.1	0.3
	UT2115HM	0.1	0.2	0.4

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.

**Dexerials Corporation**

URL : <http://www.dexerials.jp/en/>

Head Office: Gate City Osaki, East Tower 8<sup>th</sup> floor, 1-11-2 Osaki, Shinagawa-ku, Tokyo, JAPAN 141-0032

Sales & Marketing Dep. TEL : +81-3-5435-3946