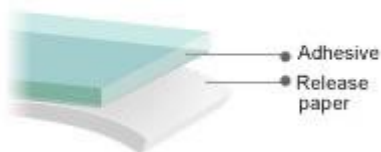## Technical Data Sheet

Strong adhesive Low temperature heat revitalization type double coated tapes

UT6105HM

Features

■ The environmental impacts are few 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 transfer tapes 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.
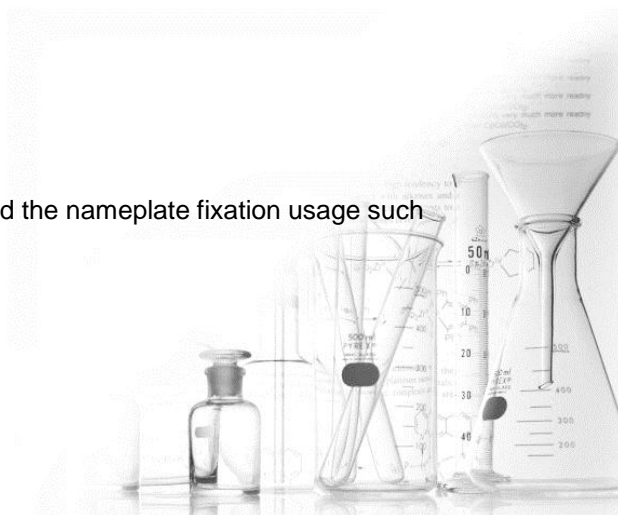
Structure

Adhesive
Release paper

Product name	UT6105HM
Main component	Acrylic resin
Carrier	Non-carrier
Color	Colorlessness is transparent
Adhesive thickness（μm）	about 50
Release paper (or film) thickness（μm）	about 140
Bonding strength（N/20mm) *	15
St'd size (width & length)	480mm×50m

* 180° Peeling strength

Suitable use

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

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

＜Test piece condition＞
Tape width：20㎜
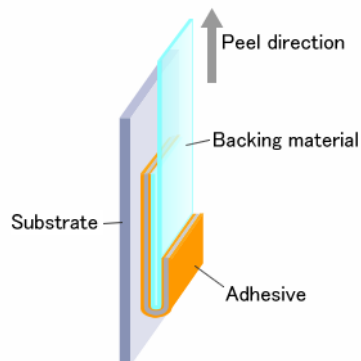Bonding condition：90℃、0.28MPa、10sec
Measuring condition：23℃±5℃ 60%±20%RH
Peel speed：300㎜/min
Backing material：25μmPET
[Measurement after RT is left for one hour]

＜ Peeling strength test（180°）＞

＜Results＞   （N/20mm）

Substrate	SUS	ABS	PI	PC
180° Peeling strenght	15	14	13	16

2. Holding power under each temperature
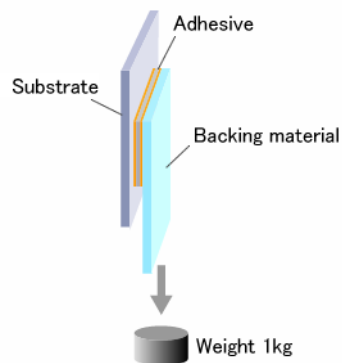
＜Test piece condition＞
Substrate：Stainless plate（SUS304）
Bonding area：25mm×25mm
Bonding condition：90℃、0.28MPa、10sec
Backing material: 25μmPET
[Measurement after it leaves it for 30 minutes
under each temperature in one hour]
[Creep length (mm) after one hour by 1kg load is measured.]

＜ Results＞

＜Holding power test＞

Measurement temperature	40℃	100℃	140℃
Holding power（mm）	0.1	0.1	0.2

Revision in Feb, 2013