

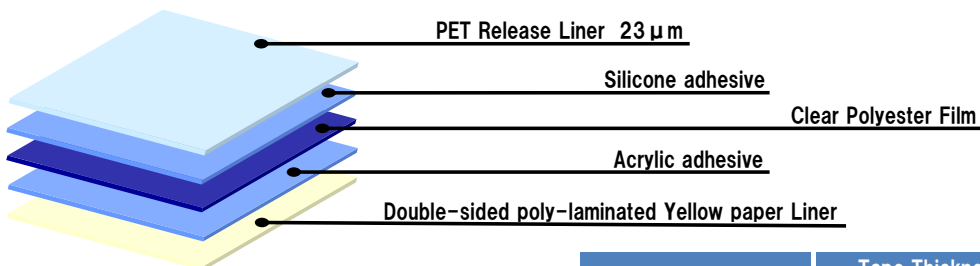
Double-coated adhesive tape (consisting of silicone adhesive and acrylic adhesive)

JDM115SA

Outline

JDM115SA is a double-coated adhesive tape consisting of silicone adhesive and acrylic adhesive with PET film carrier. The silicone adhesive side has excellent adhesion to adherend of silicone materials. The Acrylic adhesive side has excellent adhesion to various adherends.

Structure



Product Name	Tape Thickness (μm)	Base film (μm)
JDM115SA	115	25

Properties

◆ Adhesive strength (N/20mm)

○ Silicone adhesive side

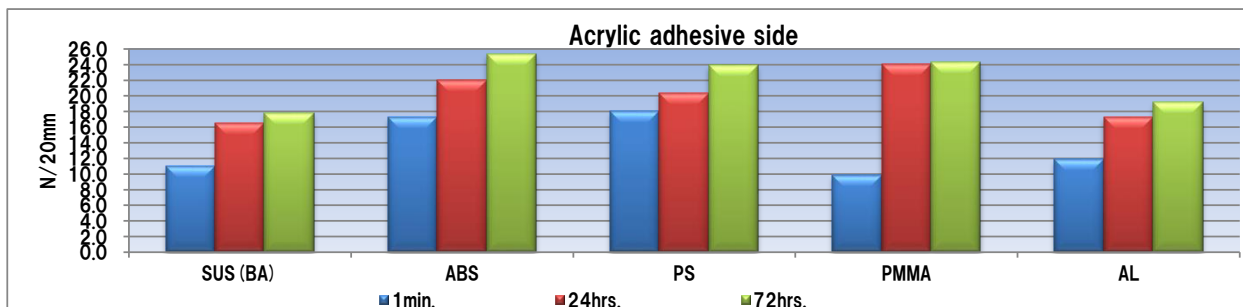
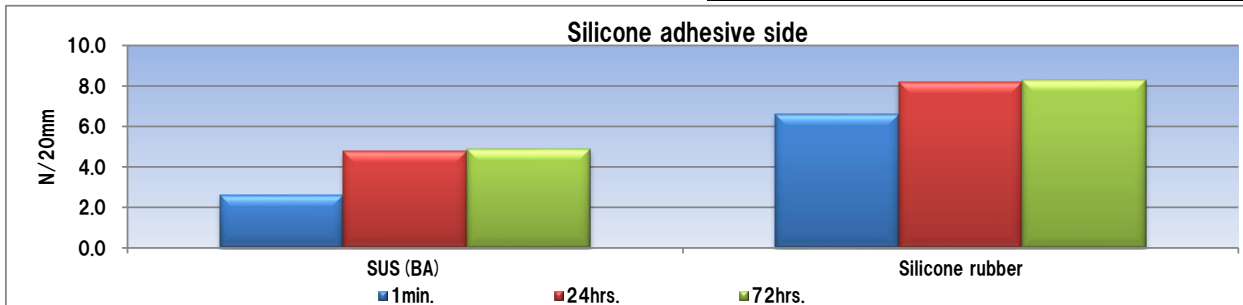
Adherend	1min.	24hrs.	72hrs.
SUS (BA)	2.6	4.8	4.9
Silicone rubber	6.6	8.2	8.3

○ Acrylic adhesive side

Adherend	1min.	24hrs.	72hrs.
SUS (BA)	11.0	16.5	17.8
ABS	17.3	22.0	25.3
PS	18.0	20.4	23.9
PMMA	9.8	24.1	24.3
AL	11.9	17.3	19.2

【Test method】

• JIS Z 1528 • Peel Speed 300mm/min
• 180° Peel • Test condition 23°C • 50%RH • Lining material: PET#25



Properties

◆Holding Power (40°C)

Silicone adhesive side	Acrylic adhesive side
0.1	0.5

Unit:mm/50000s

【Test method】

- Measure temperature:40°C
- Weight:1Kg
- Applied square:25mm×25mm
- Adherend:SUS
- Lining material: PET#25

◆Shear Adhesive Strength

Silicone adhesive side	Acrylic adhesive side
91	191

Unit:N/20mm×20mm

【Test method】

- Applied square:20mm×20mm
- Peel speed:300mm/min
- Lining material: PET#25
- Test condition:23°C·50%RH

◆Adhesive strength under atmosphere by temperature

		Silicone adhesive side	Acrylic adhesive side
SUS(BA)	-20°C	21.6	6.8 zip * (1.2-12.3)
	0°C	7.9	19.1
	23°C	4.8	16.5
	40°C	5.0	16.3
	60°C	5.2	16.0
	80°C	4.0	9.5
Silicone rubber	-20°C	23.6 *	-
	0°C	13.5	-
	23°C	8.2	-
	40°C	7.3	-
	60°C	6.1	-
	80°C	5.0 *	-

Unit:N/20mm

【Test method】

- JIS Z1528
- Peel speed 300mm/min
- Lining material: PET#25
- 180° Peel
- zip: zipping
- *:Transference of adhesive

◆After The Environmental Test Performance

		Silicone adhesive side	Acrylic adhesive side
SUS(BA)	23°C·50%RH×24H	4.8	16.5
	70°C×336H	10.0	26.7 *
	70°C×720H	11.0	28.9 *
	70°C×1440H	11.2	27.5 *
	85°C×240H	8.8	28.6 *
	60°C·95%RH×240H	7.4	30.2 *
	-30°C×240H	5.7	17.2
	-40°C⇄85°C 1H:100cycles	8.5	28.0 *
Silicone rubber	23°C·50%RH×24H	8.2	-
	70°C×336H	8.7 *	-
	70°C×720H	9.4 *	-
	70°C×1440H	10.7 *	-
	85°C×240H	7.8 *	-
	60°C·95%RH×240H	7.7 *	-
	-30°C×240H	8.0	-
	-40°C⇄85°C 1H:100cycles	7.0 *	-

Unit:N/20mm

【Test method】

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- Peel speed 300mm/min
- Lining material: PET#25
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Notices

Attach after wiping off oily, dusty and moisture substances on the surface of the adherend you may use.

Give an enough pressure when attaching, under the temperature condition over 10°C as possible.

Store it in a cool, dark place away from direct sunlight.

These data are representative so as not to guarantee for your conditions,nor do they for the wide range of each application described in this technical information.

Examining the compatibility of the adherend material with our product in advance, make a decision of starting to use.

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