

Technical Data Sheet



J-6204GH, J-6206GH, J-6208GH, J-6210GH, J-6212GH

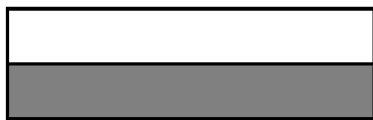
1) Tape Features

Super strong bonding double-sided tape for plastic structure materials

- High adhesive strength to plastic materials such as ABS, PC, etc.
- adhesive tack at room temperature, adhesion at pressure.
- Steady tape properties at wide range temperature and good weather resistance.
- Waterproof, excellent for sealing materials.
- Composed of flexible acrylic foam, strong bonding on rough and curved surfaces.
- With interlaminar strength, able to absorb severe material expansion and contraction.



2) Tape Structure



- ← Polyethylene Liner (Color / Red , thickness / 0.12mm)
- ← Acrylic adhesive tape (Gray)

3) Application

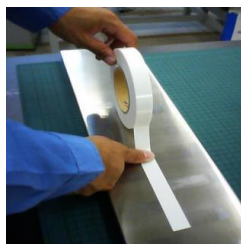
- Joining different types of adherends (metal and plastic) ,acoustic insulation, light electrical appliances spacer, fixing window panes.
- Fixing car emblem, side molding, car visor and spoiler.
- Connecting steel door, curtain wall and other steel sash.

4) Adhesion Method

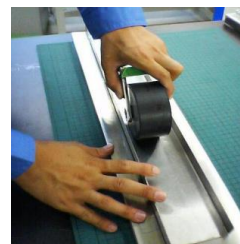
- Use cleaning solvent to remove contaminants like dust, rust, oil, etc.
- Laminate tape on surface, apply pressure by hand or roller.
- Remove release liner.
- Laminate another panel onto the tape, Use roller to apply sufficient pressure.



1. Use cleaning solvent to remove contaminants like dust, rust, oil, etc.



2. Laminate tape on surface, apply pressure by hand or roller



3. Remove release liner, laminate another panel onto the tape, use roller to apply sufficient pressure.

5) Tape Properties

Product Name	Color	Tape Thickness mm	Tensile Strength N/cm ²	Elongation %	Holding power mm	No. 1 Holding Power		Adhesive strength SUS N/m	Shear Strength N/cm ²
						80°C×1w Hold or Drop	180°C×30m Hold or Drop		
J-6204GH	Gray	0.40	83.8	1037	1.5	Hold	Hold	1220	129
J-6206GH	Gray	0.60	90.3	1094	1.3	Hold	Hold	1520	127
J-6208GH	Gray	0.80	83.7	1000	1.3	Hold	Hold	2310	105
J-6210GH	Gray	1.00	82.1	1094	1.4	Hold	Hold	2700	107
J-6212GH	Gray	1.20	85.5	1144	1.4	Hold	Hold	3420	110

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6) Adhesion of each adherend

adherend	20min Adhesive strength (N/m)							
	SUS	ABS	PC	Glass	PVC	AL	PMMA	PP
J-6204GH	1220	620	590	680	900	920	850	330
J-6206GH	1520	640	970	1240	1580	840	1200	430
J-6208GH	2310	1140	1350	1270	1560	1820	1690	450
J-6210GH	2700	1170	1680	2310	2790	1330	2520	510
J-6212GH	3420	1590	2280	3470	3160	1570	2810	560

adherend	72hr Adhesive strength (N/m)							
	SUS	ABS	PC	Glass	PVC	AL	PMMA	PP
J-6204GH	2960	750	820	970	1480	2060	1030	360
J-6206GH	3140	1470	1420	1400	2300	2850	1600	540
J-6208GH	3540	1520	1770	2150	2560	3350	2180	440
J-6210GH	4280	2100	2750	2860	4410	3570	3420	680
J-6212GH	5210	2310	2650	3980	4280	4310	3610	600

7) 測定方法

Tensile Strength	Test specimen size:25mm×30mm, 300mm/min tension. Calculated from greatest strength of the tape cross sectional area.
Elongation	Test specimen size:25mm×30mm, 300mm/min tension. Calculated from the ratio of initial length to length at break.
Holding Power	Test size:25mm×25mm, back surface is laminated with 200mm Al foil. Adhere to SUS board, condition at 80°C, 20min. Distance measured after 1hr of 2kg. load applied.
type No. 1 Holding power	The test piece is laminated with 200mm aluminum foil on one side, and the bonding area to the SUS board is 25mm×25mm. After 72Hr is bonded at room temperature, it is placed in an oven at 80°C or 180°C for 10min, and then hangs 1Kg load, 80°C, a week or 180°C, 30min hold.then read displacement after 1Hr.
Shear Strength	Test specimen size: 15mm×15mm, fix both sides on SUS adherend. Measured 72hr after adhesion, 50mm/min tension, greatest shear strength
Adhesive Strength	Tape back surface is laminated with 50mm Al foil, adhere to SUS board. Measured 72hr after adhesion at 300mm/min, 90°, 23°C.

There is a possibility of tape peeling off, depending to the adherend type and the adhesive condition.
Please use it together with other joint methods (welding and bolt, etc.) when the tape is used for any event with
the possibility of causing harmful incident.

The abovementioned data values are sample observed values for reference purpose only, not the guaranteed performance.



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