

FV50

Acrylic Foam Double Sided Tape



Composition:



Acrylic Adhesive
Acrylic Foam
Acrylic Adhesive
Polyester Film

Applications:

- Automotive interior plastic parts, rearview mirror, electronic product, nameplates, etc.
- Sealing and fixing of solar photovoltaic cell components and module assembly.
- Bonding reinforcing brackets, mirrors, and decorative panels in elevators.
- Excellent sound insulation and shock absorption properties for caulking, widely used in air conditioners, automotive interiors, home appliances/OA equipment and other fields.

Features:

- Excellent adhesion to metal, glass, plastics and painted surfaces.
- Strong resistance to static and dynamic shear stresses.
- Provides conformability to irregular and curved surfaces along with gap filling properties.
- Excellent resistance to aging, solvents, moisture, temperatures and UV light.
- Ease in die-cutting works

Typical Values:

▪ Total Thickness(Without Release Paper)	0.5mm±0.03mm
▪ Liner Thickness	0.12mm
▪ Width	10mm-610mm
▪ Length	33m

Technical Data (average values)

▪ Carrier	Grey Acrylic Foam
▪ Type of Adhesive	Acrylic Adhesive.
▪ Release Liner	Red Polyester Film
▪ High Temperature for long term	-40°C ~ +100°C
▪ High Temperature for short term	150°C
▪ Dynamic Shear	458N/25mm
▪ Elongation	1738%
▪ Tensile Strength	4.2N
▪ Anti-UV & Solvent resistance	Excellent

Adhesive Property (Average values)

Peel Adhesion Test (N/mm)			
Substrate \ Degree&Time	180°		
	25min	24h	72h
SUS	42	/	/
ABS	25	/	/

Backing Material: PET film

Application Condition:

3 pass back and forth with a 2.5kg roller

Peeling Speed: 300mm/min

Peeling Angle: 180°

Measurement

Temperature:

23°C/50%RH

Test method: ASTM-D3330



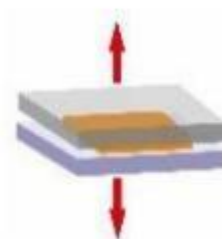
180° Peel Strength Test



Dynamic Shear



Static Shear



Tensile Strength

Storage:

- Please be sure to keep the tape in its box when not using.
- The ideal application temperature range is 20°C to 40°C.
- Keep in a cool and dark place away from direct sunlight.

Test Method:

- Conduct the test in strict accordance with the CN testing method (GB/T).
- Test results are based on the climatic conditions in the CN region. (31°N 121°E)

Shelf Life:

12 months when stored in original carton at 23°C and 65% relative humidity.

APPLICATION TECHNIQUES:

- Remove all oil, moisture and dirt from the surface of the substrate before applying.
- Make sure the product is suitable for the application (objective and conditions) before attempting to use.
- The strength of the bond relies on the level of contact between the adhesive and the surface.
- Please be aware that varying pressure, duration, and temperature when using the tape on different surfaces (film or rigid) can yield differing performance outcomes.

DISCLAIMER

- The above information is believed to be reliable and accurate but is presented without a guarantee on our part.
- F6 Adhesive Tape gives no warranty as to the fitness of the above product for any particular purpose and any implied warranty or condition statutory or otherwise.
- It is recommended to make a trial before any bulk usage
- Use in combination with another method of joining if there is possibility of an accident.