

HEAT ACTIVATED ADHESIVE TAPE HN-HA1080B

TECHNICAL DATA SHEET

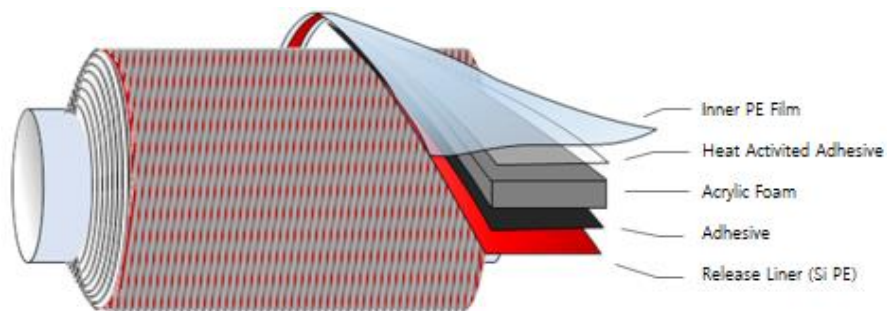
Description

HN-HA1080B tape is a black color and has a very conformable adhesive foam system. The base form is manufactured by UV curing, so it has properties excellent heat resistance and weather resistance. It has excellent adhesion to various panels under various environmental conditions, so it is widely used for general purpose, such as fixing parts or exterior parts of automobiles.

In addition, HN-HA1080B Tapes offer the following key features:

- Excellent adhesion to PP or PP+EPDM panels of LSE-type.
- Excellent initial adhesion.
- Excellent in long-term reliability tests and vibration and impact properties.
- It is possible to prevent the inflow of foreign substances, leakage and noise.

Product Construction



Physical Properties

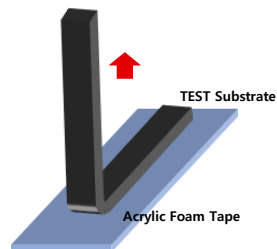
HN-HA1080B	
Thickness	0.80mm (0.031 in) Range ±0.08mm (0.003 in)
Rolls length	Min 1.5m, Max 400m
Spool length	900m based on 10mm width
Width	- ± 0.4mm for rolls up to 20mm wide rolls. - ± 0.8mm for planetary rolls wider than 20mm
LINER Type	CP, PE, PET Liner (Contact your sales representative.)
Order	Minimum 1000SQM or more. (For OEM, please contact the person in charge)

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Thickness	Thickness Gauge 0.01mm (Unit : mm)	0.80
Carrier	—	Acrylic Foam
Color	—	black
Roll Width	mm	4 ~ 16
Roll Length	M	66 ~ 900

90°Peel Adhesion

Jaw speed is 300mm/min
(Unit : kgf/cm)



STS-304 - 30 minutes

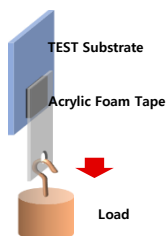
2.25

STS-304 - 72 hours

2.65

Static Shear

Sample Size: 25mm x 25mm
Test condition: 80°C
Test Load: 1kg
(Unit : hr)



STS-304

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TEST Reference

The test method was measured by referring to KS T 1028 and ASTM regulations. Product data may vary depending on the composition of the test plate and the surface condition. Therefore, please refer to the above data as it does not represent the standard of the product.



TAPE Guidelines

The following are recommended for successful tape applications:

- **Clean surface.** Cleanness of the tape surface can affect the adhesion. Clean the surface with isopropyl alcohol or petroleum ether, after drying completely and then attach.
- **Appropriate pressurization.** Pressure is needed to provide intimate contact between the tape and bonding surface. Recommends 15 psi momentary pressure on the bond line. This is a guideline and required pressure
- **Avoid air entrapment.** Apply pressure evenly from one end to the other to prevent air bubbles from entering the tape.
- **Avoid excessive tape stretch.** During tape application, do not exceed 4% stretch. Stretch can be influenced by tension, speed and roller diameter.
- **Appropriate temperature.** Ideal working temperature is 20~27deg °C for attaching or processing tape, Store tape under 15~27deg °C cool and dark place.

Shelf Life

Two years from date of manufacture when stored at 10°C~38°C and 95% relative humidity or less.

Optimum storage conditions are 22°C and 50% relative humidity.

Regulatory Information

Please refer to the product label and Safety Data Sheet (MSDS) for health and safety information before using. Observe proper handling precautions as outlined in the SDS, which is available on request.

Contact Information

The information provided in this technical document is intended as a guide for this product. For more information or help in selecting a Hannam product for an application, please contact your responsible sales or call product application support at +82-41-881-0331.

Technical Information: Technical information, instructions and other statements contained in this document or otherwise provided by Hannam are information recorded and made based on records, tests or experiences that Hannam believes to be reliable. Actual application of this information alone is not guaranteed. It is intended for those who have sufficient knowledge and skills to evaluate and apply this informed judgment. This information is not licensed or implied under any intellectual property rights of us or any third party. **Product Selection and Use:** Many factors beyond control and, factors that are unique to the user's knowledge and control, can affect product application and performance in a particular application. Consequently, the customer is solely responsible for determining whether this product is suitable for application, including evaluating the product, performing a workplace risk assessment, and reviewing all applicable regulations and standards. Failure to properly evaluate, select and use our products or to comply with all applicable safety regulations may result in personal injury, illness, death and/or property damage. **Limitation of Liability:** Except for the limited remedy above and to the extent prohibited by law, we shall not be liable for any direct, indirect, special, incidental, or warranties, contract or negligence. In addition, we cannot be held responsible for any consequential loss of profits, etc.

