

# HN-HA1080G TAPE



## HEAT ACTIVATED ADHESIVE TAPE HN-HA1080G

### TECHNICAL DATA SHEET

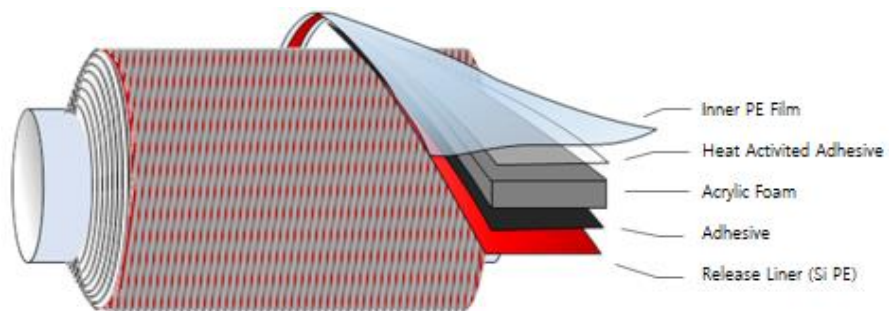
#### Description

HN-HA1080G tape is a gray 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-HA1080G 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

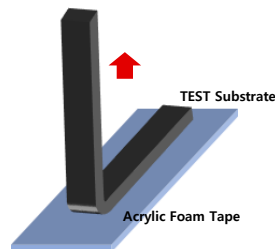
HN-HA1080G	
Thickness	0.80mm (0.031 in) Range ±0.08mm (0.003 in)
Rolls length	Min 1.5m, Max 400m
Spool length	900m based on 10mm width
Width	- ± 0.4mm for rolls up to 20mm wide rolls. - ± 0.8mm for planetary rolls wider than 20mm
LINER Type	CP, PE, PET Liner (Contact your sales representative.)
Order	Minimum 1000SQM or more. (For OEM, please contact the person in charge)

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<b>Thickness</b>	Thickness Gauge 0.01mm (Unit : mm)	0.80
<b>Carrier</b>	—	Acrylic Foam
<b>Color</b>	—	gray
<b>Roll Width</b>	mm	4 ~ 16
<b>Roll Length</b>	M	66 ~ 900

### 90°Peel Adhesion

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



STS-304 - 30 minutes

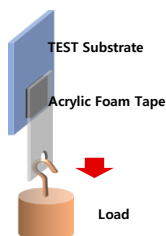
2.25

STS-304 - 72 hours

2.65

### Static Shear

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



STS-304

24

### 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.

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**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.