

6100WH/GH/CH/BH Reinforced VHB Tape

Product Introduction

6100WH/GH/CH/BH This is a high-tack, fully closed-cell acrylic tape manufactured using a specialized acrylic adhesive process. Its fully closed-cell structure and viscoelastic properties provide moisture, water, and dust resistance, as well as shock absorption, sound insulation, and gap-filling capabilities. It offers excellent adhesion to challenging or uneven surfaces, including plastics, metals, wood, paper, and silicone.

The product maintains excellent durability across high and low temperatures, as well as in high-temperature, high-humidity environments, and provides outstanding bonding and fixation on both high- and low-surface-energy materials.

Actual Product and Structure



Specialty Acrylic Adhesive
Acrylic Foam
Specialty Acrylic Adhesive
Release Film

Specifications

Specification Item	Unit	Standard Range	Tolerance
color	/	White/Gray/Transparent/Black	/
Length	M	33	±0.5
Width	mm	840	±10
Thickness	mm	1.0	±15%

Product Applications

It is primarily used in sectors such as automotive interior and exterior trim, indoor

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and outdoor architecture and decoration, elevator assembly, electronic products, instrumentation and equipment, and hardware manufacturing.

Performance Parameters

Test Item	Test Conditions	Unit	Reference Value	Standard
180°Peel strength 25mm*150mm	Steel20min	N/25mm	27	GB/T 2792-2014
	ABS		26	
	PC		27	
	Steel24h		48	
	ABS		48	
	PC -		48	
Tensile strength 25mm x 100mm	/	%	1290	GB/T 30776-2014
Dynamic shear 25mm x 25mm	20min 72H	MPa	1.35 /	GB/T 33332-2016
Static shear 25mm x 25mm	23°C 20min 1kg 70°C 20min 500g	h	48 24	GB/T 4851-2014
Temperature resistance	125°C---85°C	/	120°C---80°C	GB/T 4851-2014

Note: The above data was obtained using 50u PET as the backing.

Storage and Use:

- Storage environment: Temperature 15°C–30°C, humidity 30%–70%; avoid direct sunlight; valid for 12 months from the date of purchase.
- Usage conditions: Recommended 20–35°C and 30–60% RH; do not perform application/bonding at temperatures below 15°C.
- Certain products require the use of a primer.

Important Notice

All data presented here were obtained under standard Nanobond testing conditions. These figures are not guaranteed values and are provided for reference only; please conduct suitability tests to ensure compliance with requirements before proceeding with mass application.

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