

【Preliminary Technical Data】
3M™VHB™ Tape VHX-1116G

1. Product Description

These 3M™ VHB™ Tapes are made with acrylic foam which is viscoelastic in nature. This gives the foam energy absorbing and stress relaxing properties which provides these tapes with their unique characteristics. The acrylic chemistry provides outstanding durability performance. VHX-1116G series are the thinner type of VHB™ compare to conventional type and are suitable for the application that is required thinner bonding thickness to reduce a space.

2. Advantages

1. Very thin
2. High sealing ability
3. Good resistance for drop shock
4. Good resistance for spring back force

4. Properties:

Products No.		VHX-1116G-015	VHX-1116G-02	VHX-1116G-025	VHX-1116G-03
Color		Dark Gray			
Thickness	Tape (mm)	0.15	020	0.25	0.30
	Paper liner (mm)	0.10			
90 deg. peel adhesion (N/cm)		11	13	15	16

Test Method

Thickness: Using thickness gauge with caliper foot of 5mm diameter)

90 deg. peel adhesion:

1. Tape between stainless steel and anodized aluminum foil.
2. Roll down twice in each direction using 10kg steel roller.
3. 72 hours dwell at room temperature.
4. Testing speed 300 mm/min.

7. Other information:

1. Clean up oil, water and dust on the substrates before application
2. Applying pressure (more than 5kg/cm²) and dwelling (more than 72 Hrs) are recommended
3. Over 15 C is recommended for operating temperature
4. Primer can be use for some materials which is difficult to adhere
5. Recommended storage condition is lower than 30 C and lower than 70% RH, without direct sun light

** end of document **

Specifications and appearance may be changed without prior notice. All statements, technical information and recommendation herein are based on information believed to be reliable, but the accuracy or completeness thereof is not guaranteed. Before utilizing the product, the user should determine the suitability of the product for its intended use. The user assumes all risks and liability whatsoever in connection with such use. Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. The statements contained herein are made in lieu of all warranties, expressed or implied. Any statements or recommendations which are not contained herein shall have no force or effect unless contained in an agreement signed by an authorized officer of seller and manufacturer.

Scotch brand is registered trademark of 3M Company. 3M brand is trademark of 3M Company.

