



LEYKOM®



Bandă Dublu Adezivă VHB RP 45

Data sheet

► Product Description

3M™ VHB™ Rp45 Acrylic Foam Tapes are doublesided pressure sensitive adhesive tapes for bonding a variety of substrates including many metal, plastic and painted materials.

► Product Construction

Adhesive:	Multi-Purpose Acrylic
Adhesive Carrier:	Conformable Acrylic Foam (closed cell)
Thickness:	0.045 in. (1.1 mm)
Density:	45 lb./ft.3 (720 kg/m ³)
Liner:	White DK paper (black 3M™ VHB™ print)
Tape Color:	Gray

► Typical Physical Properties and Performance Characteristics

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Peel Adhesion: (stainless steel)	20 lb./in. width (350 N/100 mm)
Normal Tensile: (alum T-block)	85 lb./in.2 (585 kPa)
Dynamic Shear: (stainless steel)	70 lb./in.2 (480 kPa)
Static Shear: (stainless steel)	72°F (22°C) 1000 g/0.5 sq. in. (holds 10,000 min.) 158°F (70°C) 500 g/0.5 sq. in. (holds 10,000 min.) 200°F (93°C) 500 g/0.5 sq. in. (holds 10,000 min.)
Solvent Resistance:	High
Temperature Resistance:	Short Term (minutes, hours): 250°F (121°C) Long Term (days, weeks): 200°F (93°C)

► Product Construction

Standard Length:	36 yds. (32.9 m)
Slitting Tolerance:	± 1/32 in. (0.8 mm)
Core Diameter (ID):	3.0 in. (76.2 mm) 0.045 in. (1.1 mm)

supplying suppliers.



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► Application Guidelines

For maximum bond strength the surfaces should be thoroughly cleaned with a 50:50 mixture of isopropyl alcohol* and water. Ideal tape application is accomplished when temperature is between 70°F and 100°F (21°C and 38°C) and the bond is allowed to dwell 72 hours. Initial tape application to surfaces at temperatures below 50°F (10°C) is not recommended.

* Consult manufacturer's directions for use and precautions when using cleaning solvents. This cleaning recommendation may not be compliant with the rules of certain Air Quality Management Districts in California; consult applicable rules before use.

► Storage

Store in original cartons at 70°F (21°C) and 50% relative humidity.

► Shelf Life

When stored under proper conditions, product retains its performance and properties for 24 months from date of manufacture.

► Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

► Product Use

Many factors beyond Leykom's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

► Limited Warranty

Leykom warrants for 24 months from the date of manufacture that 3M™ VHB™ Tape will be free of defects in material and manufacture. Leykom MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This limited warranty does not cover damage resulting from the use or inability to use 3M™ VHB™ Tape due to misuse, workmanship in application, or application or storage not in accordance with 3M recommended procedures. AN APPLICATION WARRANTY EXPRESSLY APPROVED AND ISSUED BY 3M IS AN EXCEPTION. THE CUSTOMER MUST APPLY FOR A SPECIFIC APPLICATION WARRANTY AND MEET ALL WARRANTY AND PROCESS REQUIREMENTS TO OBTAIN AN APPLICATION WARRANTY. CONTACT 3M FOR MORE INFORMATION ON APPLICATION WARRANTY TERMS AND CONDITIONS.

► Limitation of Remedies and Liability

If the 3M™ VHB™ Tape is proved to be defective within the warranty period stated above. THE EXCLUSIVE REMEDY, AT 3M'S OPTION, SHALL BE TO REFUND THE PURCHASE PRICE OF OR TO REPAIR OR REPLACE THE DEFECTIVE 3M™ VHB™ TAPE. Leykom shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including negligence, warranty, or strict liability.