

3M™ VHB™ Tape 4950 White Small Pack, 1/2 in x 36 yd 45.0 mil, 4 per case

3M ID 70006147675, 3M Product Number 4950, UPC 00021200646485

★★★★★ 5.0 (2) Write a review

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- Fast and easy-to-use permanent bonding method provides high strength and long-term durability
- Virtually invisible fastening keeps surfaces smooth
- Can replace mechanical fasteners (rivets, welds, screws) or liquid adhesives
- White, 0.045 in (1.1 mm), general purpose adhesive and firm acrylic foam core

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Typical Properties

Attribute Name	Value
Adhesive Type	General Purpose Acrylic Adhesive
Application Temperature-Environment	50 Degrees Fahrenheit
Backing Material	Foam
Brand	VHB™
Carrier Material	Acrylic Foam
Color	White
Core Size	3 Inch
Design Challenges	Impact & Shock Absorption , Noise Vibration & Harshness Control NVH
Flame Retardant	N/A
Foam Conformability	Firm
Indoor/Outdoor	Both
Industries	General Industrial
Length	36 Linear Yard

Length (Metric)	32.9 m
Maximum Operating Temperature (Celsius)	149 Degree Celsius
Maximum Operating Temperature (Fahrenheit)	200 Degree Fahrenheit , 300 Degree Fahrenheit
Position	Better
Primary Liner	Paper
Product Form	Roll
Shelf Life	24 Months
Tape Thickness	0.045 in (1.1mm)
Temperature Resistance - Initial	300 Degree Fahrenheit
Thickness	45 mil
Thickness (Metric)	1.14 mm
Trademark	VHB
Width	0.5 Inch
Width (Metric)	12.7 mm

Details

- Fast and easy-to-use permanent bonding method provides high strength and long-term durability
- Virtually invisible fastening keeps surfaces smooth
- Can replace mechanical fasteners (rivets, welds, screws) or liquid adhesives
- White, 0.045 in (1.1 mm), general purpose adhesive and firm acrylic foam core
- Eliminate drilling, grinding, refinishing, screwing, welding and associated clean-up
- Creates a permanent seal against water, moisture and more
- Pressure sensitive adhesive bonds on contact to provide immediate handling strength
- Allows the use of thinner, lighter weight and dissimilar materials

Dream, Design, Deliver with our 3M™ VHB™ Tape 4950. It is a white, 0.045 in (1.1 mm), general purpose acrylic adhesive with a firm foam core. It can replace rivets, welds and screws. The fast and easy to use permanent bonding method provides high strength and long-term durability. It offers design flexibility with its viscoelasticity and powerful ability to bond to a variety of surfaces.

Convenience Meets Extreme Bonding Power

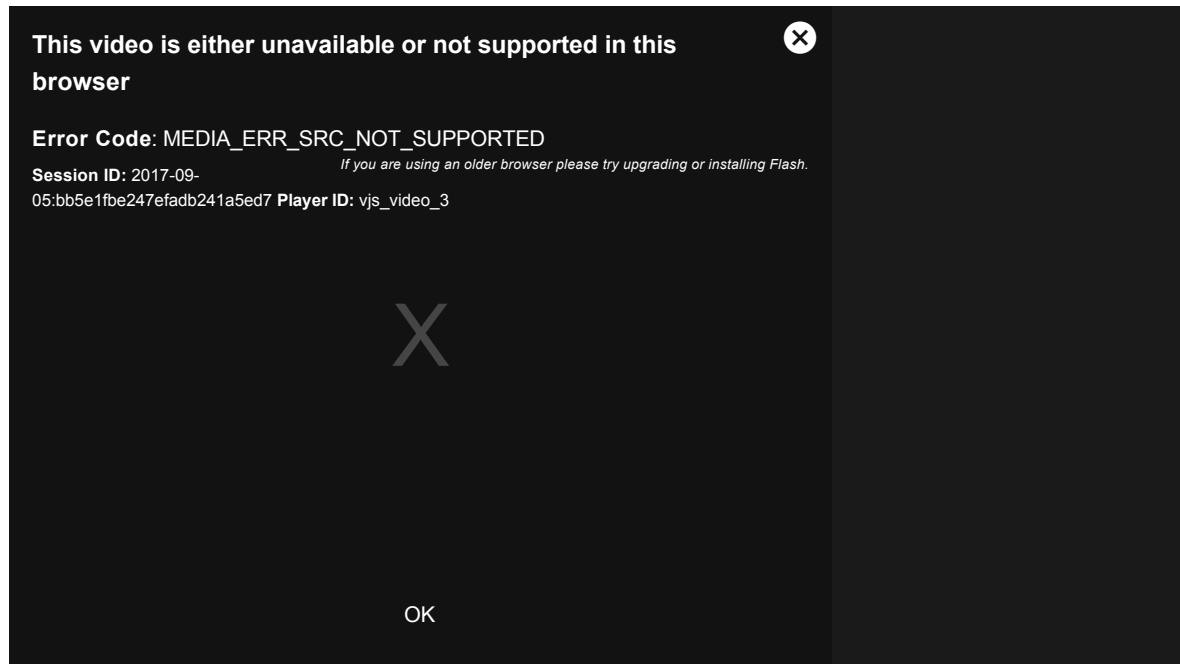
Our 3M™ VHB™ Tape consists of a durable acrylic adhesive with viscoelastic properties. This provides an extraordinarily strong double sided foam tape that adheres to a broad range of high surface energy (HSE) substrates, including aluminum, stainless steel, galvanized steel, composites, acrylic, polycarbonate and painted or sealed wood and concrete. Our bonding tapes provide excellent shear strength, surface adhesion, durability and temperature resistance. Applications for this tape include stiffener bonding and panel and trim attachment.

Recommended Applications

- Decorative material and trim
- Nameplates and logos
- Panel to frame
- Stiffener to panel

Dream, Design, Deliver with the 4950 Family of 3M™ VHB™ Tapes

The 4950 family of 3M™ VHB™ Tapes utilizes a general purpose adhesive on both sides of a firm type foam core. It is specifically designed for good adhesion to metals, glass and other high surface energy materials. They are commonly used in applications across a variety of markets including transportation, appliance, electronics, construction, sign and display and general industrial.



3M VHB Tape 4950 is an excellent choice for stiffener to panel applications

An Unconventional Foam Tape

We invented 3M™ VHB™ Tapes in 1980 as the first of their kind. These unique tapes combine conformability with a strong, permanent bond. The result is a family of extraordinarily strong tapes that adhere to a broad range of substrates. 3M™ VHB™ Tape is a proven alternative to screws, rivets, welds and other forms of mechanical fasteners. Skyscrapers, cell phones, electronic highway signs, refrigerators, architectural windows and more all rely on this specialty bonding tape for one or more steps in the assembly, mounting, fastening and sealing process. This trusted and reliable tape offers a consistent bond, outstanding durability and excellent solvent and moisture resistance. 3M stands by all of its products and is there to provide you with design guidance and technical support when you need it.

Proven Reliability from 3M™ VHB™ Tapes

3M™ VHB™ Tape offers a durable bond in a way that mechanical fasteners can't. This tape enhances the appearance of finished goods by eliminating rivets and screws while providing immediate handling strength. In most cases, fastening with 3M™ VHB™ Tape is a quicker process than drilling, fastening, or using liquid adhesive. Our versatile line of tapes can be used indoors or outdoors in a variety of applications, including window, door and sign assembly, electronics, construction and countless other industrial applications. Chemically resistant as well as UV and temperature stable, 3M™ VHB™ Tape can withstand the heat of Dubai to the cold of Canada. The unique acrylic chemistry is extremely durable and resistant to change over time, making this a long-lasting and powerful tape you can trust.

Bringing Better Ideas to the Surface through Science and Innovation

In our 3M Industrial Adhesives and Tapes Division, we apply the science of adhesion to deliver innovative solutions that improve the design and manufacturing processes of companies around the world. In the end, our technologies help customers like you deliver competitive products to the market faster and more efficiently.

Resources

Promotional

[3M™ VHB™ Tape WS Steel Testimonial \(QUICKTIME, 253.7MB\)](#)

[3M™ VHB™ Tape for Fast, Easy Assembly - Customer Testimonial \(MP4, 61.5MB\)](#)

Technical Information

[VHB™ Tape - Specialty Tapes \(PDF, 462.4KB\)](#)

Customer Reviews

Reviews

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Rating Snapshot

Average Customer Ratings

Select a row below to filter reviews.



1–2 of 2 Reviews

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★★★★★ ChewbaccasUglyBrother · 6 months ago

This is good tape.

It holds stuff together very well and permanently.

Incentivized Review False

Yes, I recommend this product.

Originally posted on 3M™ VHB™ Tape 4950

Helpful? Yes · 6 | No · 0 Report

Quality of Product



Value of Product



★★★★★ Bikerndiver · 2 years ago

Excellent holding strength

I bought the VHB 4950 to attach a 2' x 2' solar panel to the aluminum roof of my RV. I didn't want to risk drilling holes in the roof that might leak. After 2 years and thousands of miles in all weather conditions, the solar panel is still firmly in place! This is a great product. Thanks!

Originally posted on solutions.3m.com



Response from solutions.3m.com:

Lisa P. · Tech Support · 2 years ago

We are happy to hear our product is meeting your needs. It is always great to hear our products are working well for our customers and their applications. Thank you for your comments, we appreciate your feedback!

Large Volume Order

If you are considering a large purchase of this or other 3M Industrial Adhesives and Tape products, our inside sales team is ready to help by providing additional information and options. Our technical expertise, customer support, and global capabilities put us in a unique position to address your biggest challenges, and we'll do our best to prove that we should be your supplier of choice.

All fields are required unless indicated optional

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