3M™ VHB™ Tape 5952 Black, 1 in x 36 yd 45.0 mil, 9 per case

3M ID 70006293065 UPC# 00021200562297 3M Product Number 5952

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Dream, Design, Deliver with our 3M™ VHB™ Tape 5952. It is a black, 0.045 in (1.1 mm) modified acrylic adhesive with a very conformable, 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.

- 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, welding, screws) or liquid adhesives
- Black, 0.045 in (1.1 mm), modified acrylic adhesive and very conformable acrylic foam core bonds to a wide variety of substrates including powder coated paints and irregular surfaces
- Eliminate drilling, grinding, refinishing, screwing, welding and clean-up
- Creates a permanent seal against water, moisture and more by offering better gap filling capabilities
- Pressure sensitive adhesive bonds on contact to provide immediate handling strength
- Allows the use of thinner, lighter weight and dissimilar materials

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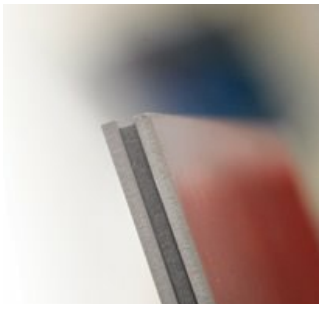
Overview | Documents | Reviews

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 substrates, including aluminum, stainless steel, galvanized steel, composites, plastics, acrylic, polycarbonate, ABS and painted or sealed wood and concrete. Our bonding tapes provide excellent shear strength, conformability, surface adhesion and temperature resistance. They are commonly used in applications across a variety of markets including transportation, appliance, electronics, construction, sign and display and general industrial. Reliably bonds a variety of materials with strength and speed for permanent applications.

Recommended Applications

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

Dream, Design, Deliver with the 5952 Family of 3M™ VHB™ Tapes
The 5952 family of 3M™ VHB™ Tapes utilizes modified acrylic adhesive on both sides of a very conformable, adhesive foam core. The combination of strength, conformability and adhesion makes this family one of the most capable and well-rounded 3M™ VHB™ Tapes. It is specifically designed for good adhesion to high, medium and lower surface energy plastics and paints, metals and glass. Applications for this tape include bonding and sealing polycarbonate lens over LCD, signage and windows to post-painted control panels.

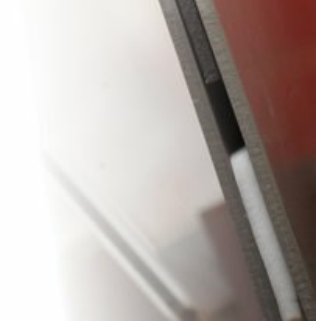


An Unconventional Foam Tape
We invented 3M™ VHB™ Tapes in 1980 as the first of their kind. These unique tapes combine conformability with a strong, permanent bond. The result is a family of extraordinarily strong tapes that adhere to a broad range of substrates. 3M™ VHB™ Tape is a proven alternative to screws, rivets, welds and other forms of mechanical fasteners.
, refrigerators, architectural windows and more all rely on this

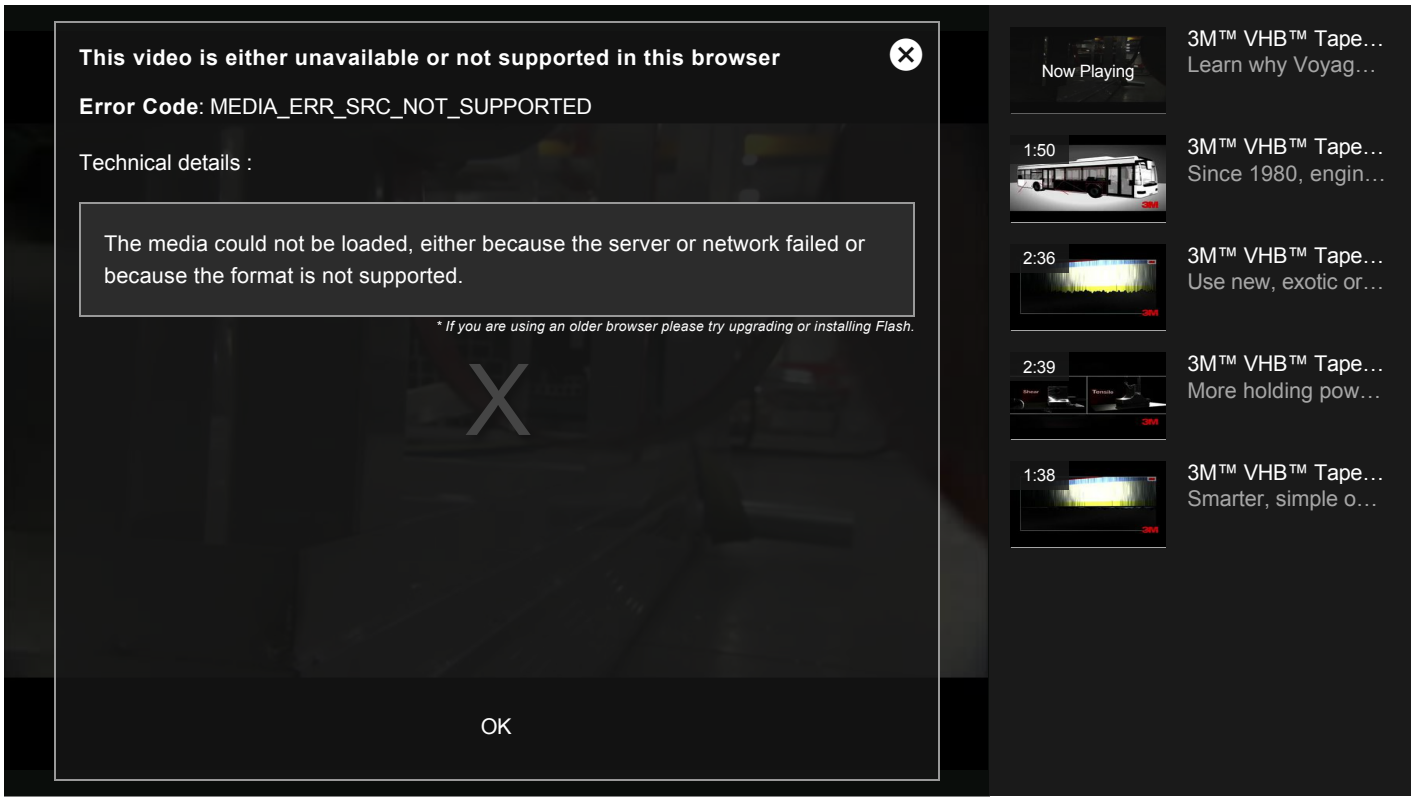
specialty bonding tape for one or more steps in the assembly, mounting, fastening and sealing process. This trusted and reliable tape offers a consistent bond, outstanding durability and excellent solvent and moisture resistance. 3M stands by all of its products and is there to provide you with design 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.



3M™ VHB™ Tape permanently adheres one substrate to another and spreads the stress load across the entire length of the joint



Attributes

Adhesive Type	Modified Acrylic Adhesive
Applications	Structural Glazing, Bonding Glass to a Metal Clothes Washer Door, TV Stand Decorative Trim Attachment, Commercial Vehicle Roof Vent Attachment, Bonding Panels to Metal Frames, Interior Rail Car Construction
Application Temperature-Environment	50 Degrees Fahrenheit
Brand	VHB™
Color	Black
Consumer Label	No
Foam Conformability	Very Conformable
Industries	General Industrial
Length	36 Linear Yard
Length (Metric)	32.9 m
Maximum Operating Temperature (Fahrenheit)	250 Degree Fahrenheit
Primary Liner	Polyethylene (PE) Film
Product Form	Roll
Substrate 1	Medium-High Surface Energy, (42-50 Dynes/cm), Medium-Low Surface Energy, (36-37 Dynes/cm), High Surface Energy, (400-1100 Dynes/cm), Medium Surface Energy, (38-39 Dynes/cm)
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	(36-37 Dynes/cm), High Surface Energy, (400-1100 Dynes/cm), Medium Surface Energy, (38-39 Dynes/cm)
Substrates	Medium-High Surface Energy, (42-50 Dynes/cm), Medium-Low Surface Energy, (36-37 Dynes/cm), High Surface Energy, (400-1100 Dynes/cm), Medium Surface Energy, (38-39 Dynes/cm)
Tape Thickness	0.045 in (1.1mm)
Temperature Resistance - Initial	300 Degree Fahrenheit
Thickness	45 mil
Thickness (Metric)	1.1 mm
Width	1 Inch
Width (Metric)	25.4 mm

Reviews

★★★★★

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