

3M™ VHB™ Tape for Appliances



3M™ VHB™ Tape is the Ultimate Solution for Appliance Design Applications

From the kitchen to the laundry room, trust in 3M™ VHB™ Tape to expand design freedom in everything from how the side panels hold together to the way a brand's logo is displayed. Thanks to the viscoelastic properties of 3M™ VHB™ Tape, OEM consumer and commercial design engineers and manufacturers have access to a new realm of opportunities for beautiful, more efficient household appliance designs.



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Product	Tape Thickness w/o Liner mils (mm)	Liner Type	Description	Adhesive Type	Temp. Resistance		Solvent Resistance	Relative Adhesion		Application Ideas
					Min Hr	Days Weeks		HSE	LSE	
4941	45 (1.1)	A	Gray, closed-cell acrylic foam carrier.	Multi-purpose Acrylic	300°F (149°C)	200°F (93°C)	High	High	Med	Logo attachment, overlay attachment and control panel assembly.
5952	45 (1.1)	F	Black, closed-cell acrylic foam carrier.	Modified Acrylic	300°F (149°C)	250°F (121°C)				
RP45	45 (1.1)	A	Gray, closed-cell acrylic foam carrier.	Multi-purpose Acrylic	250°F (121°C)	200°F (93°C)				

See key on page 74.

3M™ VHB™ Tape for Electronics

Electronic designs are becoming lighter, thinner and smaller every day. Bulky mechanical systems can be replaced with the incredible, strong, long-lasting viscoelastic bond of 3M™ VHB™ Tape. Expand design freedom and simplify manufacturing processes while meeting the challenges of a dynamic market and look no further than 3M™ VHB™ Tape.



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Product	Tape Thickness w/o Liner mils (mm)	Liner Type	Description	Adhesive Type	Temp. Resistance		Solvent Resistance	Relative Adhesion		Application Ideas
					Min Hr	Days Weeks		HSE	LSE	
5908	10 (0.25)	G	Black, closed-cell acrylic foam carrier.	Modified Acrylic	300°F (149°C)	250°F (121°C)	High	High	Med	Bond and seal polycarbonate lens over LCD. Bond and seal plastic windows to pre-painted control panels/switch gear. Mount vinyl wiring ducts and conduit channels. Electronic component and assembly attachment.
5915	16 (0.4)	F								
5925	25 (0.6)	F								
5952	45 (1.1)	F	Gray, closed-cell acrylic foam carrier.	Multi-purpose Acrylic	250°F (121°C)	200°F (93°C)	High	High	Med	
RP16	16 (0.4)	A								
RP45	45 (1.1)	A								

See key on page 74.

3M™ Primers

Product	Solvent	Active Ingredients	VOCs	Color	Flashpoint	Coverage	Application Ideas
AP111	Isopropyl Alcohol (IPA)	Less than 5% by weight	5.91 lb/gal (708g/L)	Clear	52°F (11°C)	19m ² /L (800 ft ² /gal) based on .002" wet coating thickness depending on method of application	Promote better adhesion for bare metals and painted surfaces.
AP115	Isopropyl Alcohol and Water	Less than 1% by weight	6.08 lb/gal (728g/L)	Clear	53°F (12°C)	20–25 ft ² per 4 fl oz bottle (1.8–2.3m ² per 118mL bottle)	Promote better adhesion for glass.
Primer 94	See SDS	See SDS	Approx 6.3 lb/gal (755g/L) less H ₂ O and exempt solvents	Clear Light Yellow/Clear Dark Orange	-4°F (-20°C)	600 ft ² /gal (211m ² /L)	Promote better adhesion for a variety of plastic surfaces such as polyethylene, polypropylene, ABS and PET/PBT blends.
Primer UPUV	See SDS	Approx. 5% by weight	3.58 lbs/gal (429g/L)	Clear	-5°F (-21°C)	600 ft ² /gal (211m ² /L)	Improved environmental, health, and safety profile compared to 3M™ Tape Primer 94.

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