

# Product Information, 3M™ VHB™ Tape

|                           | Product Number | Tape Thickness w/o liner (mm) | Description   | Adhesive Type   | Temperature Resistance |               | Solvent Resistance | Relative Adhesion |      | Application Ideas  | Liner Type  |   |
|---------------------------|----------------|-------------------------------|---|---|------------------------|---------------|--------------------|-------------------|------|--|---|---|
|                           |                |                               |   |   | Minutes Hours          | Days Weeks    |                    | HSE               | LSE  |  |   |   |
| 3M™ VHB™ Conformable Tape | 4926           | 15 (0.4)                      | Dark gray, closed-cell acrylic foam carrier. Conformable. Good adhesion to many painted metals. Plasticizer resistant. UL Listing 746C. | Acrylic   | 300°F (149°C)          | 200°F (93°C)  | High               | High              | Med. | Bond muntin bars to windows. Bond and seal polycarbonate lens over LCD. Bond pre-painted metals in truck assembly. Bond and seal plastic windows to pre-painted control panels/switch gear. Mount vinyl wiring ducts and conduit channels. | A   |   |
|                           | 4936           | 25 (0.64)                     |   |   |                        |               |                    |                   |      |  | A   |   |
|                           | 4936F          | 25 (0.64)                     |   |   |                        |               |                    |                   |      |  | B   |   |
|                           | 4941           | 45 (1.1)                      |   |   |                        |               |                    |                   |      |  | A   |   |
|                           | 4941F          | 45 (1.1)                      |   |   |                        |               |                    |                   |      |  | D   |   |
|                           | 4956           | 62 (1.6)                      |   |   |                        |               |                    |                   |      |  | A   |   |
|                           | 4956F          | 62 (1.6)                      |   |   |                        |               |                    |                   |      |  | B   |   |
|                           | 4979F          | 62 (1.6)                      | B   |   |                        |               |                    |                   |      |  |   |   |
|                           |                | 4943F                         | 45 (1.1)  | Gray conformable foam. Can be applied as low as 32°F (0°C).   | Acrylic                | 300°F (149°C) | 200°F (93°C)       | High              | High | Low  | Bond cellular phone antennas. Bond automatic toll tags to vehicle bumpers.  | C |
|                           |                | 4957F                         | 62 (1.6)  |   |                        |               |                    |                   |      |  |   | C |
| 3M™ VHB™ Tape             | 4920           | 15 (0.4)                      | White, closed-cell acrylic foam carrier. Features an all-purpose adhesive. UL Listing 746C.   | Acrylic   | 300°F (149°C)          | 200°F (93°C)  | High               | High              | Low  | Attach stiffeners in air conditioners, office furniture and telecommunications equipment. Bond aluminum skin to steel support of trucks, vans, ambulances. Bond architectural signs to frames.   | A   |   |
|                           | 4930           | 25 (0.64)                     |   |   |                        |               |                    |                   |      |  | A   |   |
|                           | 4950           | 45 (1.1)                      |   |   |                        |               |                    |                   |      |  | A   |   |
|                           | 4955           | 80 (2.0)                      |   |   |                        |               |                    |                   |      |  | C   |   |
|                           | 4959           | 120 (3.0)                     |   |   |                        |               |                    |                   |      |  | C   |   |
|                           |                | 4929                          | 25 (0.64)   | Black version of 4930 tape. Black version of 4950 tape.   | Acrylic                | 300°F (149°C) | 200°F (93°C)       | High              | High | Low  | Attach letters and signs to windows. Mount black trim.  | C |
|                           |                | 4949                          | 45 (1.1)  |   |                        |               |                    |                   |      |  |   | C |
|                           |                | 4945                          | 45 (1.1)  | White, closed-cell acrylic foam carrier. Plasticizer resistant. UL Listing 746C. Same as 4945 tape with film liner. | Acrylic                | 300°F (149°C) | 200°F (93°C)       | High              | High | Med.   | Attach vinyl trim. Bond vinyl extrusions to window frames. Bond pre-painted truck and trailer skins.  | A |
|                           |                | 4946                          | 45 (1.1)  |   |                        |               |                    |                   |      |  |   | B |
|                           |                | 4905                          | 20 (0.5)  | Clear, closed-cell acrylic carrier. Excellent for joining transparent material.                                     | Acrylic                | 300°F (149°C) | 200°F (93°C)       | High              | High | Low  | Seal between inner/outer dome of skylights. Attach handle to sliding glass doors. Mount back lit translucent signs. Edge-bond resin filled glass. | D |
|                           | 4910           | 40 (1.0)                      | D   |   |                        |               |                    |                   |      |  |   |   |
|                           | 4951           | 45 (1.1)                      | White, closed-cell acrylic foam carrier. Can be applied as low as 32°F (0°C).   | Acrylic   | 300°F (149°C)          | 200°F (93°C)  | High               | High              | Low  | Applications requiring installation down to 32°F. Mount panels to aluminum frames in buildings, trucks, and trailers. Mount trim to portable buildings.  | C   |   |
|                           | 4932           | 25 (0.64)                     | White, closed-cell acrylic foam carrier. Adhesive provides good adhesion to polypropylene and many powder paints.                       | Synthetic   | 200°F (93°C)           | 160°F (71°C)  | High               | High              | High | Bond powder painted metal stiffeners to office desks and file cabinets. Bond polypropylene, polystyrene and other low surface energy plastics.   | A   |   |
|                           | 4952           | 45 (1.1)                      |   |   |                        |               |                    |                   |      |  | A   |   |
| Transfer Tape             | F-9460 PC      | 2.0 (0.05)                    | Clear adhesive transfer tape. Features high shear strength adhesive. UL Listing 746C.   | 100 MP  | 500°F (260°C)          | 300°F (149°C) | High               | High              | Low  | Bond decorative metal trim. Bond flexible circuits to aluminum rigidizers or heat sinks.   | E   |   |
|                           | F-9469 PC      | 5.0 (0.13)                    |   |   |                        |               |                    |                   |      |  | E   |   |
|                           | F-9473 PC      | 10 (0.25)                     |   |   |                        |               |                    |                   |      |  | E   |   |

NOTE: The technical information and data provided here should be considered representative or typical only and should not be used for specification purposes. User should evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of application.

**Liner Types:**

- A – 3 mil 54# Densified Kraft Paper
- B – 5 mil Clear Polyethylene Film
- C – 2 mil Polyester Film
- D – 5 mil Red Polyethylene Film
- E – 4 mil 58# Polycoated Kraft Paper
- F – 4 mil Green Polyethylene Film

**Relative Adhesion:**

- HSE – High Surface Energy
- LSE – Low Surface Energy