

3M™ VHB™ Tapes (cont.)

Product Number	Tape Thickness w/o Liner mils (mm)	Liner Type	Description	Temperature Resistance °F (°C)		Solvent Resistance	Relative Adhesion		Spec	Application Ideas
				Minutes Hours	Days Weeks		HSE	LSE		
5952 Tape Family (cont.)										
5930	32 (0.80)	F	Black or white, closed cell acrylic foam carrier. A highly conformable tape that excels at bonding a variety of paint systems, medium surface energy plastics and irregular surfaces.	300 (149)	250 (121)	High	High	Med	UL	Automotive Displays. 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. Seam vinyl banners.
5930P		E								
5930WF		F								
5952	45 (1.1)	F								
5952P		E								
5952WF	45 (1.1)	F								
5962	62 (1.6)	F								
5962P		E								
5962WF		F								
5958FR	40 (1.0)	F	Meets FAR 25.853 (a) 12 sec vertical burn Appendix F, Part 1 (a) (ii).	300 (149)	200 (93)				—	Overhead stow bins, signage, kick plates, galley modules, plastic and metal decorative trim, ceiling tile stiffeners, mirror mounting, air duct spuds, floor and wall panel attachment, clip attachment.
RP Tape Family										
RP16	16 (0.4)	A	Gray, closed-cell acrylic foam carrier. A general purpose adhesive with 3M™ VHB™ Tape performance, designed for a wide range of general bonding needs.	250 (121)	200 (93)	High	High	Med	UL	Panel bonding, stiffener attachment and trim attachment.
RP16F		F								
RP25	25 (0.6)	A								
RP25F		F								
RP32	32 (0.8)	A								
RP32F		F								
RP45	45 (1.1)	A								
RP45F		F								
RP62	62 (1.6)	A								
RP62F		F								
GPH Tape Series										
GPH-060GF	25 (0.6)	F	Superior high-temp performance for powder coat or liquid paint processes and multi material bonding.	450 (230)	300 (150)	High	High	Med	UL	GPH's high temperature resistance allows it to reduce the number of "touches," leading to a more streamlined manufacturing process.
GPH-110GF	45 (1.1)									
GPH-160GF	62 (1.6)									
LSE Tape Series										
LSE-060WF	25 (0.6)	F	White, closed cell acrylic foam carrier. Designed to bond composites, TPE, TPO, PP and low surface energy (LSE) plastics without primer. UL 746C.	300 (150)	200 (93)	High	High	High	UL	Made to live outdoors. Resists hot, cold and cycling temperature, UV light, moisture and solvents. Seals against environmental conditions. Low-temperature bonding with high initial tack at low temperatures on frost-free surfaces down to 0°C.
LSE-110WF	45 (1.10)									
LSE-160WF	62 (1.6)									
4950 Tape Family										
4914	10 (0.25)	A	Closed-cell acrylic foam tape. UL 746C.	300 (150)	200 (93)	High	High	Med	UL	This family has general purpose adhesive on both sides of firm type foam. Typically used on metal, glass and high surface energy plastic substrates. Available in white and black.
4920	15 (0.4)									
4930	25 (0.6)									
4950	45 (1.1)									
4955	80 (2.0)									
4959	120 (3.0)									
4910 Tape Family										
4905	20 (0.5)	F	Clear, acrylic construction for joining transparent material.	300 (150)	200 (93)	High	High	Low	UL	Excellent for applications where clear or colorless is desired. The general purpose adhesive on both sides is suitable for high surface energy substrates.
4910	40 (1.0)									

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. 5 mil Red Printed Polyethylene Film; G. 3 mil Clear PET. **Relative Adhesion:** HSE: High Surface Energy; LSE: Low Surface Energy. **Multi-purpose Acrylic:** Bonds to a wide range of materials including metals, glass, and high and medium surface energy plastics and paints. Resists migration of plasticizers in vinyl substrates. **Modified Acrylic:** Bonds to medium low surface energy paints and plastics, including many powder coated paints in addition to the substrates listed with the multi-purpose acrylic adhesive (except plasticized vinyl).

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