

3M™ VHB™ Tapes

Product Number	Tape Thickness w/o Liner mils (mm)	Liner Type	Description	Temp. Resistance °F (°C)		Solvent Resistance	Relative Adhesion		Spec	Application Ideas
				Minutes Hours	Days Weeks		HSE	LSE		
4941 Tape Family										
4926	15 (0.4)	A	Gray, closed-cell acrylic foam carrier. Conformable. Good adhesion to many painted metals. Plasticizer resistant. UL 746C.	300 (149)	200 (93)	High	High	Med	UL	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.
4936	25 (0.64)	A								
4936F	25 (0.64)	F								
4941	45 (1.1)	A								
4941F	45 (1.1)	D								
4956	62 (1.6)	A								
4956F	62 (1.6)	F								
4991	90 (2.3)	F								
4991B	90 (2.3)	F								
4991F	90 (2.3)	F								
4919F	25 (0.64)	F	Black version of 4936F.	300 (149)	200 (93)	High	High	Med	UL	Bond and seal polycarbonate lens over LCD. Lens and touch panel bonding. Logo attachment. P.O.P. and display construction.
4947F	45 (1.1)	F	Black version of 4941F.							
4979F	62 (1.6)	F	Black version of 4956F.							
5952 Tape Family										
5906	6 (0.15)	G	Black, closed-cell acrylic foam carrier. Good adhesion to many painted surfaces, including powder coated paint.	300 (149)	250 (121)	High	High	Med	UL	Bonds to a variety of plastics and paint systems. Bond architectural signs to frames. Attach trim and extrusions. Hat channels and stiffeners.
5907	8 (0.20)	G								
5908	10 (0.25)	G								
5909	12 (0.30)	G								
5915	16 (0.40)	F								
5915P	16 (0.40)	E								
5915WF	16 (0.40)	F								
5925	25 (0.60)	F								
5925P	25 (0.60)	E								
5925WF	25 (0.60)	F								

3M™ VHB™ Tapes (cont.)

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				Minutes Hours	Days Weeks		HSE	LSE		
5952 Tape Family (cont.)										
5930	32 (0.80)	F	Black or white, closed-cell acrylic foam carrier. Good adhesion to many painted surfaces, including powder coated paint. UL 746C.	300 (149)	250 (121)	High	High	Med	UL	Bonds to a variety of plastics and paint systems. Bond architectural signs to frames. Attach trim and extrusions. Hat channels and stiffeners.
5930P	32 (0.80)	E								
5930WF	32 (0.80)	F								
5952	45 (1.1)	F								
5952P	45 (1.1)	E								
5952WF	45 (1.1)	F								
5962	62 (1.6)	F								
5962P	62 (1.6)	E								
5962WF	62 (1.6)	F								
5958FR	40 (1.0)	F								
RP Tape Family										
RP16	16 (0.4)	A	Gray, closed-cell acrylic foam carrier. Conformable. Good adhesion to many painted metals.	250 (121)	200 (93)	High	High	Med	UL	Panel bonding, stiffener attachment and trim attachment.
RP16F	16 (0.4)	F								
RP25	25 (0.6)	A								
RP25F	25 (0.6)	F								
RP32	32 (0.8)	A								
RP32F	32 (0.8)	F								
RP45	45 (1.1)	A								
RP45F	45 (1.1)	F								
RP62	62 (1.6)	A								
RP62F	62 (1.6)	F								
GPH Tape Family										
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)	F								
GPH-160GF	62 (1.6)	F								
LSE Tape Family										
LSE-060WF	25 (0.6)	F	Developed specifically for LSE substrates such as polypropylene (PP), thermoplastic elastomers (TPE) and thermoplastic olefins (TPO)	300 (150)	200 (93)	High	High	High	-	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)	F								
LSE-160WF	62 (1.6)	F								
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)	A								
4930	25 (0.6)	A								
4950	45 (1.1)	A								
4955	80 (2.0)	A								
4959	120 (3.0)	A								
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)	F								

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