

# 3M™ VHB™ Tapes

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	
<b>LSE Tape Family</b>										
LSE-060WF	25 (0.6)	F	Specifically for LSE substrates such as polypropylene (PP), thermoplastic elastomers (TPE) and thermoplastic olefins (TPO).	LSE Acrylic	300°F (150°C)	200°F (93°C)	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								
<b>GPH Tape Family</b>										
GPH-060GF	25 (0.6)	F	Superior high-temperature performance for powder coat or liquid paint processes and multi material bonding.	High Temp Acrylic	450°F (230°C)	300°F (150°C)	High	High	Medium	High temperature resistance allows tape to reduce the number of "touches," leading to a more streamlined manufacturing process.
GPH-110GF	45 (1.10)	F								
GPH-160GF	62 (1.6)	F								
<b>4950 Tape Family</b>										
4914	10 (0.25)	A	Closed-cell acrylic foam carrier. UL 746C.	General Purpose Acrylic	300°F (149°C)	200°F (93°C)	High	High	Low	Attach stiffeners in air conditioners, office furniture and telecommunications equipment.
4920	15 (0.4)	A								
4929	25 (0.6)	C								
4930	45 (1.1)	A								
4930F	45 (1.1)	D								
4949	45 (1.1)	C			400°F (204°C)	300°F (149°C)				
4950	45 (1.1)	A								
4955	80 (2)	C								
4959	120 (3)	C								
4959F	120 (3)	D								
<b>4945 Tape Family</b>										
4945	45 (1.1)	A	White, closed-cell acrylic foam carrier. Plasticizer resistant.	Multi-purpose Acrylic	300°F (149°C)	200°F (93°C)	High	High	Low	Attach vinyl trim. Bond vinyl extrusions.
4946	45 (1.1)	F								
<b>4910 Tape Family</b>										
4905	20 (0.5)	F	Clear, acrylic construction for joining transparent material.	General Purpose Acrylic	300°F (149°C)	200°F (93°C)	High	High	Low	Mount backlit translucent signs. Edge-bond resin filled glass.
4910	40 (1)	F								
<b>4951 Tape Family</b>										
4951	45 (1.1)	C	White, closed-cell acrylic foam carrier. Apply as low as 32°F (0°C).	Low Temp Applicable Acrylic	300°F (149°C)	200°F (93°C)	High	High	Low	Low temperature installed products.
4943F	45 (1.1)	C								
4957F	62 (1.6)	C								
<b>4611 Tape Family</b>										
4646	25 (0.6)	D	Dark gray, closed-cell acrylic foam carrier. High temperature resistance. UL 746C.	General Purpose Acrylic	450°F (232°C)	300°F (149°C)	High	High	Low	Pre-powder coat paint applications. Hat channels and stiffeners.
4611	45 (1.1)	D								
4655	62 (1.6)	D								
<b>4622 Tape Family</b>										
4618	25 (0.6)	H	White, closed-cell acrylic foam carrier.	General Purpose/ Multi-purpose Acrylic	250°F (121°C)	200°F (93°C)	High	High	Low	General purpose bonding.
4622	45 (1.1)	H								
4624	62 (1.6)	H								

See key on page 74.

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