

3M™ VHB™ Tapes

Product	Construction				Tape Thickness (mm)		Adhesive Strength		Relative Shear	Temperature °C ⁽¹⁾			Description
	Adhesive System	Liner	Carrier	Colour	Total	Excl. Liner	Tensile N/cm ²	90° Peel N/10mm	Strength	Min	Max Cont	Max	
VHB Standard Acrylic Foam Tape													
4912	Acrylic	F	FA	White	2.05	2.00	65	35.0	V High	-30	150	200	As 4950 but 2.0mm thick with red filmic liner.
4929	Acrylic	F	FA	Black	0.72	0.64	110	35.0	V High	-30	90	150	As 4949 but 0.64mm thick.
4930	Acrylic	P/F	FA	White	0.72	0.64	110	35.0	V High	-30	90	150	As 4950 but 0.64mm thick.
4949	Acrylic	F	FA	Black	1.15	1.10	97	44.0	V High	-30	90	150	Black version of 4950 with clear filmic liner.
4950	Acrylic	P/F	FA	White	1.18	1.10	97	44.0	V High	-30	90	150	Principal VHB acrylic foam tape with exceptional peel and shear performance.
4959	Acrylic	F	FA	White	3.05	3.00	52	35.0	V High	-30	150	20	As 4950 but 3.0mm thick with clear filmic liner
VHB Conformable Acrylic Foam Tape													
4936	Acrylic	P	FA	Grey	0.74	0.64	62	30.0	V High	-30	90	150	As 4941 but 0.64mm thick
4941	Acrylic	P	FA	Grey	1.17	1.10	59	35.0	V High	-30	90	150	Conformable. Suitable for bonding textured surfaces and has excellent 'wet-out' when used on glass.
4943	Acrylic	F	FA	Grey	1.27	1.14	59	44.0	V High	-30	90	150	Conformable tape with low temperature acrylic adhesive, allows initial applications to be made as low as 0°C.
4956	Acrylic	P	FA	Grey	1.65	1.55	45	35.0	V High	-30	90	150	As 4941 but 1.55mm thick.
4957	Acrylic	F	FA	Grey	1.67	1.57	52	44.0	V High	-30	90	150	Same as 4943
VHB Special Feature Acrylic Foam Tape													
4905	Acrylic	P/F	AA	Clear	0.63	0.50	69	20.0	V High	-30	90	150	As 4910 but 0.5mm thick.
4910	Acrylic	P/F	AA	Clear	1.13	1.00	62	26.0	V High	-30	93	150	"Water Clear" particularly suitable for invisibly bonding transparent substrates.
4915	Acrylic	F	AA	Clear	1.63	1.5	62	30.0	V High	-30	93	150	As 4910 but 1.5mm thick.
4918	Acrylic	F	AA	Clear	2.13	2.0	59	30.0	V High	-30	93	150	As 4910 but 2.0mm thick.
4932	Acrylic	P	FA	White	0.72	0.64	69	35.0	V High	-30	70	90	As 4952 but 0.8mm thick.
4942	Acrylic	F	AA	White	-	0.8	-	27.0	V High	-30	90	200	Suitable for bonding stiffeners to panels prior to powder coating.
4945	Acrylic	P/F	FA	White	1.18	1.10	97	44.0	V High	-30	93	150	As 4950 but with plasticiser resistance.
4945F	Acrylic	P/F	FA	White	1.18	1.10	97	44.0	V High	-30	93	150	As 4950 but with plasticiser resistance.
4957	Acrylic	F	FA	Grey	1.67	1.57	52	44.0	V High	-30	90	150	Same as 4943.
4952	Acrylic	P	FA	White	0.18	1.10	55	44.0	V High	-30	70	90	Particularly suitable for bonding low surface energy plastics.

Notes: (1) "Max Cont" for long term exposure (Days, Weeks) - "Max" only short term exposure (Minutes, Hours)
 Tests Short Term - After 4 hours, 100g load / sq. inch. No change in room temp properties
 Continuous - Tape holds 250g load / _ sq. inch for 10,000 mins

FA = Foamed Acrylic

AA = Acrylic Adhesive

P = Paper

F - Filmic