



3M™ VHB™ Tape 5952

3M™ VHB™ Tape 5952 is a 0.045 inch (1.1 mm) thick black double-sided acrylic foam tape with PE film liner. The modified acrylic adhesive on both sides bonds to a broad range of high, medium and medium/low surface energy substrates including metals, glass and a wide variety of plastics and paints, including many powder coated paints. The very conformable foam provides good contact between substrates even when they are slightly mismatched. 3M™ VHB™ Tape 5952 is part of the 5952 tape family. Each product in this family has a modified acrylic adhesive and very conformable foam but varies in thickness, color and liner type.

TECHNICAL DATA SHEET | (EFFECTIVE 24FEB25)

3M™ VHB™ Tape 5952

PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Adhesive Type		-	Modified Acrylic
Foam Type		-	Very Conformable Acrylic Foam
Density	ASTM D3574	kg/m ³ lb/ft ³	590 37
Total Tape Thickness	ASTM D3652	mm in mil	1.1 0.045 45
Thickness Tolerance		%	10
Color		-	Black
Liner		-	PE Film
Liner Thickness		mm mil in	0.13 0.005 5
Primary Liner Color		-	Red (printed)
90° Peel Adhesion	ASTM D3330	n/cm lb/in	39 22
Normal Tensile	ASTM D897	kpa lb/in ²	480 70
Overlap Shear Strength	ASTM D1002, ISO 4587	kpa lb/in ²	550 80
Minimum Application Temperature		°F °C	50 10
Short Term Temperature Resistance		°F °C	300 149
Long Term Temperature Resistance		°F °C	200 93

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PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Core Size (ID)		mm in	76.2 3
Maximum Available Width		mm in	1219 48
Minimum Available Width		mm in	6.4 0.25
Normal Slitting Tolerance		mm in	0.79 0.03
Standard Roll Length		m yd	32.9 36