



3M™ VHB™ Tape 4941

3M™ VHB™ Tape 4941 is a 0.045 inch (1.1 mm) thick gray double-sided acrylic foam tape with paper liner. The multi-purpose acrylic adhesive on both sides bonds to a broad range of high and medium surface energy substrates including metals, glass and a wide variety of paints and plastics as well as Plasticized Vinyl. The conformable foam provides good contact between substrates even when they are slightly mismatched. 3M™ VHB™ Tape 4941 is part of the 4941 tape family. Each product in this family has multi-purpose acrylic adhesive and conformable foam but varies in thickness, color and liner type.

TECHNICAL DATA SHEET | (EFFECTIVE 24FEB25)

3M™ VHB™ Tape 4941

PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Color		-	Gray
Adhesive Type		-	Multi-Purpose Acrylic
Foam Type		-	Comfortable Acrylic Foam
Density	ASTM D3574	kg/m ³ lb/ft ³	720 45
Total Tape Thickness	ASTM D3652	mm in mil	1.1 0.045 45
Thickness Tolerance		%	10
Liner		mm mil in	0.08 3 0.003
Primary Liner Color		-	White (printed)
Tempurature		°F/°C	73/23
Dwell Time		hours	72
90° Peel Adhesion	ASTM D3330	n/cm lb/in	39 22
Normal Tensile	ASTM D897	kpa lb/in ²	590 85
Overall Shear Strength	ASTM D1002, ISO 4587	kpa lb/in ²	480 70