



3M™ VHB™ Tape RP+110GF

3M™ VHB™ Tape RP+110GF is a 0.045 inch (1.1 mm) thick gray double-sided acrylic foam tape with PE film 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. The conformable foam provides good contact between substrates even when they are slightly mismatched. 3M™ VHB™ Tape RP+110GF is part of the RP+ tape series. Each product in this family has multi-purpose acrylic adhesive and conformable foam but varies in thickness and liner type.

TECHNICAL DATA SHEET | (EFFECTIVE 24FEB25)

3M™ VHB™ Tape RP+110GF

PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Adhesive Type		-	Multi-Purpose Acrylic
Foam Type		-	Conformable Acrylic
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
Color		-	Gray
Liner		-	PE Film
Primary Liner		-	Red (printed)
90° Peel Adhesion	ASTM D3330	n/cm lb/in	45 26
Normal Tensile	ASTM D897	kpa lb/in ²	820 120
Overlap Shear Strength	ASTM D1002, ISO 4587	kpa lb/in ²	790 115
Short Term Temperature Resistance		°F °C	450 230
Long Term Temperature Resistance	ASTM D3654	°F °C	250 121
Minimum Application Temperature		°F °C	50 10
Core Size (ID)		mm in	76.2 3
Maximum Available Width		mm in	1219 48

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PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
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