Rapid Die Cut

3M™ VHB™ Tape RP+040GF

3M™ VHB™ Tape RP+040GF is a 0.016 inch (0.4 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+040GF 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+040GF

PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Color		-	Gray
Adhesive Type		-	Multi-Purpose Acrylic
Foam Type		–	Conformable Acrylic
Density	ASTM D3574	kg/m^3 lb/ft^3	800 50
Total Tape Thickness	ASTM D3652	mm in mil	0.4 0.016 16
Thickness Tolerance		%	20
Liner		-	PE Film
Liner Thickness		mm mil in	0.13 5 0.05
Primary Liner Color		-	Red (printed)
90° Peel Adhesion	ASTM D3330	N/cm lb/in	31 18
Normal Tensile	ASTM D897	kPa lb/in^2	720 105
Overlap Shear Strength	ASTM D1002 ISO 4587	kPa lb/in^2	990 145
Minimum Application Temperature		°F °C	50 10
Short Term Temperature Resistance		°F °C	450 230
Long Term Temperature Resistance		°F °C	250 121

© 2025 Rapid Die Cut. All Rights Reserved.