Rapid Die Cut

3M™ VHB™ Tape RP+080GF

3M™ VHB™ Tape RP+080GF is a 0.032 inch (0.8 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+080GF 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+080GF

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	750 47
Total Tape Thickness	ASTM D3652	mm in mil	0.8 0.032 32
Thickness Tolerance		%	15
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	45 26
Normal Tensile	ASTM D897	kPa lb/in^2	790 115
Overlap Shear Strength	ASTM D1002 ISO 4587	kPa lb/in^2	790 115
Minimum Application Temperature		°F °C	50 10
Short Term Temperature Resistance		°F °C	450 230
Long Term Temperature Resistance		°F °C	250 121

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