Rapid Die Cut

3M™ VHB™ Tape 5958FR

3M™ VHB™ Tape 5958FR is a 0.040 inch (1.0 mm) thick black double coated 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 5958FR is part of the 5952 tape family. Each product in this family has modified acrylic adhesive and very conformable foam but varies in thickness, color and liner type.

TECHNICAL DATA SHEET | (EFFECTIVE 24FEB25)

3M™ VHB™ Tape 5958FR

PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Color		-	Black
Adhesive Type		-	Modified Acrylic
Foam Type		–	Very Confromable Acrylic Foam
Density	ASTM D3574	kg/m^3 lb/ft^3	800 50
Total Tape Thickness	ASTM D3652	mm in mil	1 0.04 40
Thickness Tolerance		%	10
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	35 20
Normal Tensile	ASTM D897	kPa lb/in^2	690 100
Overlap Shear Strength	ASTM D1002 ISO 4587	kPa lb/in^2	690 100
Short Term Temperature Resistance		°F °C	300 149
Long Term Temperature Resistance		°F °C	200 93

(586) 948-8820 | rapiddiecut.com | 33460 Lipke St, Clinton Twp, MI 48035-4219
© 2025 Rapid Die Cut. All Rights Reserved.