Rapid Die Cut

3M™ VHB™ Tape LSE-160WF

3M™ VHB™ Tape LSE-160WF is a 0.062 (1.6 mm) thick white, conformable, double-coated acrylic foam tape with high initial tack and a very conformable foam core. Its design enables bonding of many low surface energy substrates/materials without the use of a primer or adhesion promoter. 3M™ VHB™ Tape LSE Series is available in three different thicknesses with a 3M™ branded red polyethylene film liner.

TECHNICAL DATA SHEET | (EFFECTIVE 24FEB25)

3M™ VHB™ Tape LSE-160WF

PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Color		-	White
Adhesive Type		-	Acrylic
Adhesive Carrier		–	Very Conformable Acrylic Foam
Density	ASTM D3574	kg/m^3 lb/ft^3	710 45
Total Tape Thickness	ASTM D3652	mm in mil	1.6 0.062 62
Thickness Tolerance		%	10
Liner		-	PE Film
Primary Liner Color		-	Red (printed)
90° Peel Adhesion	ASTM D3330	N/cm lb/in	47 - 54 26 - 30
Normal Tensile	ASTM D897	kPa lb/in^2	450 65
Overlap Shear Strength	ASTM D1002 ISO 4587	kPa lb/in^2	530 75
Minimum Application Temperature		°F °C	32 0
Short Term Temperature Resistance		°F °C	300 149
Long Term Temperature Resistance		°F °C	200 100

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