

3M 436 Vibration Damping Tape

Category : Polymer , Tape

Material Notes:

3M™ Vibration Damping Tapes are low temperature 3M™ Viscoelastic Damping Polymers Tape 830 coated on the dead soft aluminum foil constraining layer. They have pressure sensitive properties and are furnished in roll form and designed for direct, pressure sensitive application to metal and composite panels for vibration damping purposes. The combination of the low temperature 3M viscoelastic polymers type 830 and an aluminum constraining layer has proven to be a unique construction with exceptional ability to damp resonant vibrations in the temperature range of -60° to 20°C. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-436-Vibration-Damping-Tape.php

Physical Properties	Metric	English	Comments
Thickness	305 microns	12.0 mil	Aluminum
	445 microns	17.5 mil	ASTM D3652

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	72.4 MPa	10500 psi	ASTM D3574
Elongation at Break	12 %	12 %	ASTM D3759
Peel Strength	0.71216 kN/m	4.0625 pli	Adhesion to Steel; ASTM D3330

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	20.0 °C	68.0 °F	
Minimum Service Temperature, Air	-60.0 °C	-76.0 °F	

Descriptive Properties	Value	Comments
Appearance	Blue	
Liner	Polyethylene	

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