

3M 431 Premium Performance Aluminum Foil Tape

Category : Metal , Nonferrous Metal , Aluminum Alloy , Polymer , Tape

Material Notes:

Conformable aluminum tape. UL 723 Classified Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-431-Premium-Performance-Aluminum-Foil-Tape.php

Physical Properties	Metric	English	Comments
Thickness	48.3 microns	1.90 mil	Backing; ASTM D3652
	78.7 microns	3.10 mil	Total; ASTM D3652

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	42.8 MPa	6210 psi	ASTM D3759
Peel Strength	0.44921 kN/m	2.5625 pli	Adhesion to Steel; ASTM D3330

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	149 °C	300 °F	
Minimum Service Temperature, Air	-54.0 °C	-65.2 °F	

Descriptive Properties	Value	Comments
Adhesive Type	Acrylic	

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