

3M 9343 Conformable Sound Management Film

Category : Polymer , Tape

Material Notes:

3M™ Conformable Sound Management Film 9343 is designed for the reduction of noise, vibration, squeaks, and rattles in automotive interior applications. The currently available materials for these applications such as flocked cloths and felts are not as elastic, thereby limiting their use to flat surfaces only. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-9343-Conformable-Sound-Management-Film.php

Physical Properties	Metric	English	Comments
Thickness	152 microns	6.00 mil	Liner; ASTM D3652
	432 microns	17.0 mil	Tape; ASTM D3652

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	2.10 MPa	305 psi	ASTM D3759
Elongation at Break	400 %	400 %	ASTM D3759
Peel Strength	0.29582 kN/m	1.6875 pli	Adhesion to Steel; ASTM D3330
	0.438 kN/m	2.50 pli	ABS, 90° Peel, 20 min dwell, 300 mm/min
	0.614 kN/m	3.50 pli	PP, 90° Peel, 20 min dwell, 300 mm/min
	0.614 kN/m	3.50 pli	Paint, 90° Peel, 20 min dwell, 300 mm/min
	0.771 kN/m	4.40 pli	PP 90° Peel, 72 hr dwell, 300 mm/min
	0.947 kN/m	5.40 pli	Paint, 90° Peel, 72 hr dwell, 300 mm/min
	1.19 kN/m	6.80 pli	ABS, 90° Peel, 72 hr dwell, 300 mm/min

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 °C	250 °F	
Minimum Service Temperature, Air	-34.0 °C	-29.2 °F	

Descriptive Properties	Value	Comments
Adhesive Type	Acrylic	
Appearance	Black	

Descriptive Properties	Value	Comments
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Contact Songhan Plastic Technology Co.,Ltd.

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