

3M 4314 Single-Coated Foam Tape

Category : Polymer , Tape

Material Notes:

3M™ Single-Coated Foam Tapes will adhere to a variety of substrates, including latex-painted wood, lacquered wood, enameled steel, glass, aluminum, stainless steel, acrylic, ABS, and PVC (non-plasticized) as tape adhesion is typically satisfactory within 20 minutes and continues to build and additional time. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-4314-Single-Coated-Foam-Tape.php

Physical Properties	Metric	English	Comments
Density	0.0320 g/cc	0.00116 lb/in ³	foam with adhesive; ASTM D3574
Thickness	76.2 microns	3.00 mil	Release Liner
	6350 microns	250 mil	Total

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	8.0	8.0	Foam with adhesive; ASTM D2240
Tensile Strength at Break	0.170 MPa	24.7 psi	Die "A"; ASTM D3759
Elongation at Break	125 %	125 %	Die "A"; ASTM D3759
Compressive Strength	0.00207 MPa	0.300 psi	Deflection, Compress 25%; ASTM D3574
Compression Set	5.0 %	5.0 %	ASTM D1667

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.0430 W/m-K	0.298 BTU-in/hr-ft ² -°F	ASTM C518

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	2.00e+12 ohm	2.00e+12 ohm	Non-adhesive side; ASTM D257
	6.00e+12 ohm	6.00e+12 ohm	Adhesive side; ASTM D257
Dielectric Strength	1.57 kV/mm	40.0 kV/in	ASTM D149

Descriptive Properties	Value	Comments
Adhesive Type	430	
Appearance	Charcol gray	
		liner

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

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