

3M 4116 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-4116-Single-Coated-Foam-Tape.php

Physical Properties	Metric	English	Comments
Density	0.288 g/cc	0.0104 lb/in³	foam with adhesive; ASTM D3574
Thickness	76.2 microns	3.00 mil	Release Liner
	1570 microns	62.0 mil	Total

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	75	75	Foam with adhesive; ASTM D2240
Tensile Strength at Break	0.795 MPa	115 psi	Die "A"; ASTM D3759
Elongation at Break	80 %	80 %	Die "A"; ASTM D3759
Compressive Strength	0.0827 MPa	12.0 psi	Deflection, Compress 25%; ASTM D3574
Compression Set	12 %	12 %	ASTM D1667

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.0660 W/m-K	0.458 BTU-in/hr-ft²-°F	ASTM C518

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	1.00e+14 ohm	1.00e+14 ohm	Non-adhesive side; ASTM D257
	3.00e+15 ohm	3.00e+15 ohm	Adhesive side; ASTM D257
Dielectric Strength	3.54 kV/mm	90.0 kV/in	ASTM D149

Descriptive Properties	Value	Comments
Adhesive Type	350	
Appearance	Natural-white	
		liner

Descriptive Properties	White Value	Comments
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