

3M 9589 Double Coated Tapes with Adhesive 700 Series

Category : Polymer , Adhesive

Material Notes:

3M™ Double Coated Tapes with 3M™ Adhesive 700 Series feature a high tack synthetic rubber adhesive which provides excellent quick stick or initial adhesion and bonds together a wide variety of materials such as metals, papers, paints and most plastics. These tapes have a film carrier, which can add dimensional stability for aid in removal and also provides easier handling during slitting and die-cutting. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-9589-Double-Coated-Tapes-with-Adhesive-700-Series.php

Physical Properties	Metric	English	Comments
Thickness	76.2 microns	3.00 mil	Faceside Adhesive
	76.2 microns	3.00 mil	Carrier
	76.2 microns	3.00 mil	Backside Adhesive
	102 microns	4.00 mil	Liner Caliper
	229 microns	9.00 mil	Tape Caliper

Mechanical Properties	Metric	English	Comments
Peel Strength	0.6793 kN/m	3.875 pli	to Polypropylene, 90°, 2 mil Al foil, 72 hr RT; ASTM D3330
	0.88746 kN/m	5.0625 pli	to Stainless Steel, 90°, 2 mil Al foil, 15 min RT; ASTM D3330
	0.8984 kN/m	5.125 pli	to Polyester, 90°, 2 mil Al foil, 72 hr RT; ASTM D3330
	0.920 kN/m	5.25 pli	to Stainless Steel, 90°, 2 mil Al foil, 72 hr RT; ASTM D3330
	0.95319 kN/m	5.4375 pli	to Stainless Steel, 90°, 2 mil Al foil, 72 hr at 70°C; ASTM D3330
	1.1066 kN/m	6.3125 pli	to Polycarbonate, 90°, 2 mil Al foil, 72 hr RT; ASTM D3330
	1.2819 kN/m	7.3125 pli	to Stainless Steel, 90°, 2 mil Al foil, 72 hr RT; ASTM D3330

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	49.0 °C	120 °F	Long term
	70.0 °C	158 °F	Short term

Processing Properties	Metric	English	Comments
Shelf Life	18.0 Month	18.0 Month	

Descriptive Properties	Value	Comments
Appearance	White	
Liner	Green plaid, 60# Densified Kraft	

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