

3M 9456 Double Coated Tapes with Adhesive 340

Category : Polymer , Adhesive

Material Notes:

3M™ Double Coated Tapes with 3M™ Adhesive 340 provide a combination of high initial adhesion and good shear holding power to a wide variety of materials, including many plastics and foams. These tapes are available with a thin polyester film or a tissue for dimensional stability and improved handling. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-9456-Double-Coated-Tapes-with-Adhesive-340.php

Physical Properties	Metric	English	Comments
Thickness	50.8 microns	2.00 mil	Faceside Adhesive
	50.8 microns	2.00 mil	Carrier
	81.3 microns	3.20 mil	Backside Adhesive
	109 microns	4.30 mil	Total Thickness

Mechanical Properties	Metric	English	Comments
Peel Strength	0.3725 kN/m	2.125 pli	Stainless Steel, 90°, 15 min RT; ASTM D3330
	0.4602 kN/m	2.625 pli	Polypropylene, 90°, 2 mil al foil, 72 hr RT; ASTM D3330
	0.5040 kN/m	2.875 pli	ABS, 90°, 2 mil al foil, 72 hr RT; ASTM D3330
	0.51494 kN/m	2.9375 pli	Polycarbonate, 90°, 2 mil al foil, 72 hr RT; ASTM D3330
	0.526 kN/m	3.00 pli	Stainless Steel, 90°, 72 hr RT; ASTM D3330
	0.58068 kN/m	3.3125 pli	Stainless Steel, 90°, 72 hr 158°F; ASTM D3330
	1.0628 kN/m	6.0625 pli	Stainless Steel, 180°, 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
	66.0 °C	151 °F	Short Term

Processing Properties	Metric	English	Comments
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Liner	55# Densified Kraft	

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