

3M 9832HL Double Coated Tapes with Adhesive 300MP

Category : Polymer , Adhesive

Material Notes:

3M™ Double Coated Tape 9832 with Adhesive 300MP is a general purpose tape that provides excellent adhesion to a wide variety of substrates, including many foams, plastics, foil, and felt. This tape is well suited for applications requiring temperature performance up to 250°F for short term exposure and up to 150°F for long term exposure. A thin polyester film carrier provides dimensional stability and improved handling. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-9832HL-Double-Coated-Tapes-with-Adhesive-300MP.php

Physical Properties	Metric	English	Comments
Thickness	12.7 microns	0.500 mil	Carrier
	50.8 microns	2.00 mil	Backside Adhesive
	58.4 microns	2.30 mil	Faceside Adhesive
	122 microns	4.80 mil	Total Thickness
	157 microns	6.20 mil	Liner Caliper

Mechanical Properties	Metric	English	Comments
Peel Strength	0.3725 kN/m	2.125 pli	Polypropylene, 90°, 2 mil al foil, 72 hr RT; ASTM D3330
	0.614 kN/m	3.50 pli	Stainless Steel, 90°, 15 min RT; ASTM D3330
	0.6355 kN/m	3.625 pli	Stainless Steel, 90°, 72 hr RT; ASTM D3330
	0.6355 kN/m	3.625 pli	ABS, 90°, 2 mil al foil, 72 hr RT; ASTM D3330
	0.7231 kN/m	4.125 pli	Polycarbonate, 90°, 2 mil al foil, 72 hr RT; ASTM D3330
	0.9422 kN/m	5.375 pli	Stainless Steel, 90°, 72 hr 158°F; ASTM D3330
	1.030 kN/m	5.875 pli	Stainless Steel, 180°, 2 mil al foil, 72 hr RT; ASTM D3330

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	65.6 °C	150 °F	Long Term
	121 °C	250 °F	Short Term

Processing Properties	Metric	English	Comments
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Liner	Tan, 83#, Polycoated Kraft	

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