

3M 9555 Adhesive Transfer Tapes with Adhesive 220

Category : Polymer , Adhesive

Material Notes:

3M™ Adhesive Transfer Tapes with 3M™ Industrial Acrylic Adhesive 220 is an economical choice for general industrial bonding of metals, painted metals and high surface energy plastics. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-9555-Adhesive-Transfer-Tapes-with-Adhesive-220.php

Physical Properties	Metric	English	Comments
Thickness	124 microns	4.90 mil	

Mechanical Properties	Metric	English	Comments
Peel Strength	0.438 kN/m	2.50 pli	Stainless Steel, 90° peel, 2 mil aluminum foil backing, 15 min at RT, 2.3 mil; ASTM D3330
	0.58068 kN/m	3.3125 pli	Stainless Steel, 90° peel, 2 mil aluminum foil backing, 15 min at RT, 4.9 mil; ASTM D3330
	0.60259 kN/m	3.4375 pli	ABS, 90° peel, 2 mil aluminum foil backing, 72 hr at RT, 2.3 mil; ASTM D3330
	0.60259 kN/m	3.4375 pli	polycarbonate, 90° peel, 2 mil aluminum foil backing, 72 hr at RT, 2.3 mil; ASTM D3330
	0.69024 kN/m	3.9375 pli	polycarbonate, 90° peel, 2 mil aluminum foil backing, 72 hr at RT, 4.9 mil; ASTM D3330
	0.71216 kN/m	4.0625 pli	ABS, 90° peel, 2 mil aluminum foil backing, 72 hr at RT, 4.9 mil; ASTM D3330
	0.7669 kN/m	4.375 pli	glass, 90° peel, 2 mil aluminum foil backing, 72 hr at RT, 2.3 mil; ASTM D3330
	0.8108 kN/m	4.625 pli	Stainless Steel, 90° peel, 2 mil aluminum foil backing, 72 hr at RT, 2.3 mil; ASTM D3330
	0.97511 kN/m	5.5625 pli	glass, 90° peel, 2 mil aluminum foil backing, 72 hr at RT, 4.9 mil; ASTM D3330
	1.074 kN/m	6.125 pli	Stainless Steel, 90° peel, 2 mil aluminum foil backing, 72 hr at RT, 4.9 mil; ASTM D3330
1.4353 kN/m	8.1875 pli	Stainless Steel, 90° peel, 2 mil aluminum foil backing, 72 hr at 70°C, 2.3 mil; ASTM D3330	

Mechanical Properties	Metric	English	Comments
			Stainless Steel, 90° peel, 2 mil aluminum foil backing, 72 hr at 70°C, 4.9 mil; ASTM D3330

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 °C	250 °F	Long term
	177 °C	351 °F	Short term

Processing Properties	Metric	English	Comments
Shelf Life	18.0 Month	18.0 Month	

Descriptive Properties	Value	Comments
Adhesive Type	220	
Liner	Tan 58# Polycoated Kraft	

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