

3M 9442 Adhesive Transfer Tapes with Adhesive 350

Category : Polymer , Adhesive

Material Notes:

These 3M™ Adhesive Transfer Tapes with 3M™ Adhesive 350 are a modified acrylic adhesive ideal for very high-bond strength to many surfaces. They have excellent chemical resistance and bold strength even at elevated temperatures. These tapes are offered with a fiber reinforced adhesive which is important for roll stability in narrow widths. Tapes using adhesive 350 are designed for temperature exposure to 450°F (232°C) for short periods of time and up to 300°F (149°C) over long time frames. This adhesive is a good choice for applications which require adhesion to Low Surface Energy plastics, powder coatings and oily metals. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-9442-Adhesive-Transfer-Tapes-with-Adhesive-350.php

Physical Properties	Metric	English	Comments
Thickness	50.8 microns	2.00 mil	

Mechanical Properties	Metric	English	Comments
Peel Strength	0.3287 kN/m	1.875 pli	H.D. Polyethylene, 180° peel, 72°F, (72 hr. dwell); ASTM D3330
	0.38347 kN/m	2.1875 pli	L.D. Polyethylene, 180° peel, 72°F, (72 hr. dwell); ASTM D3330
	0.5478 kN/m	3.125 pli	Aluminum, 180° peel, 72°F, (72 hr. dwell); ASTM D3330
	0.657 kN/m	3.75 pli	Painted Metal, 180° peel, 72°F, (72 hr. dwell); ASTM D3330
	0.657 kN/m	3.75 pli	Acrylic, 180° peel, 72°F, (72 hr. dwell); ASTM D3330
	0.657 kN/m	3.75 pli	Rigid PVC, 180° peel, 72°F, (72 hr. dwell); ASTM D3330
	0.71216 kN/m	4.0625 pli	Polycarbonate, 180° peel, 72°F, (72 hr. dwell); ASTM D3330
	0.71216 kN/m	4.0625 pli	Epoxy, 180° peel, 72°F, (72 hr. dwell); ASTM D3330
	0.71216 kN/m	4.0625 pli	ABS, 180° peel, 72°F, (72 hr. dwell); ASTM D3330
	0.71216 kN/m	4.0625 pli	Polypropylene, 180° peel, 72°F, (72 hr. dwell); ASTM D3330
	0.877 kN/m	5.00 pli	Stainless Steel, 180° peel, 72°F, (72 hr. dwell); ASTM D3330
0.9861 kN/m	5.625 pli	Glass, 180° peel, 72°F, (72 hr. dwell); ASTM D3330	

Thermal Properties	Metric	English	Comments
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Processing Properties	Metric	English	Comments
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Liner	55# Densified Kraft - 3.2 mils thick	

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