



Laminating Adhesive For Label Component Systems

9459W

Technical Data

September, 2008

Product Description This laminating adhesive is pigmented to increase the opacity of sub-surface graphics printed labels

Product Construction	Adhesive Color	Adhesive	Liner
	White	1.5 mil (37.5 microns) #300 "Hi-Strength" Acrylic	3.2 mil (80 microns) 55# Densified Kraft

Features

- Can be used when constructing custom tamper-indicating labels.

Application Ideas

- A component in the construction of labels designed for harsh environments such as in automotive and outdoor applications.
- Used to make tamper-indicating labels with 3M custom filled and solution components. These labels may be used as seals for over-the counter drugs, non-transferable automobile parts labels, fire extinguisher serial number labels and a variety of other applications.

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Typical Physical Properties **Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.**

	20 Minute Dwell Oz./In.
ASTM D-3330 (modified) 90° peel, 12 in./min. (305 mm/min.) 2 mil polyester to stainless steel	27
2 mil polyester to various surfaces:	72 Hour Dwell at Room Temp. Oz./In.
- Stainless Steel (Metal)	32
- Polycarbonate (High Surface Energy Plastic)	34
- Polypropylene (Low Surface Energy Plastic)	18

Environmental Performance The properties defined are based on the attachment of impervious faceplate materials (such as polyester) to an aluminum test surface. Values are listed in ounces per inch based on a 90° peel at 12 inches/minute (305 mm/min.).

Unleaded Gas at 1 Hour Room Temperature	26
MEK at 1 Hour Room Temperature	27
Freon TF at 1 Hour Room Temperature	32
Weak Acid (pH 4) at 4 Hours Room Temperature	31
Weak Base (pH 10) at 4 Hours Room Temperature	20
Oil (10W30) at 72 Hours 120°F (49°C)	38
Water at 100 Hours Room Temperature	33
7 Days at 90°F (32°C) and 90% Relative Humidity	33
Temperature Cycling: 4 Hours at 158°F (70°C) 4 Hours at -20°F (-29°C) 16 Hours at Room Temperature Repeat three times	42

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Shelf Life To obtain best performance, use this product within one year from date of manufacture.

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ISO 9001:2000

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