

ILS 217L

Glossy White Thermal Transfer Imprintable Polyester

PRODUCT CONSTRUCTION

Facestock: 2.0 mil Glossy White Polyester
Adhesive: 0.9 mil Permanent Acrylic
Liner: 3.0 mil 50# paper

FEATURES

- Facestock resists tearing, abrasion and heat.
- Gloss white surface makes label graphics easy to read.
- Durable topcoating resists smudging and abrasion when printed with the RB-3000 or RB-8000 ribbons, as well as conventional inks.
- Firm acrylic adhesive and has very good adhesion to a variety of surfaces.
- UL recognized for indoor and outdoor use.

PHYSICAL PROPERTIES

(Typical values - not for specification use.)

Adhesion: 24 hrs. room temperature
Values in oz./in.

<u>Surface</u>	<u>Expected Range</u>
Stainless Steel	32-74
Acrylic	43-75
Glass	28-54

ENVIRONMENTAL PERFORMANCE

The properties are based on four-hour immersions at room temperature, unless otherwise noted. Samples were applied to stainless steel 24 hours prior to immersion and were evaluated one hour after removal:

<u>Chemical</u>	<u>Performance</u>
Household Cleaners	Very Good
Grease, Oil	Very Good
Water	Very Good

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Service Temperature Range: -40°F to +302°F (-40°C – 150°C)

Humidity Resistance Very Good
After 24 hours at 100 degrees F and 95% relative humidity: No change noted.

Outdoor Life: Outdoor life is approximately 2-5 years.
Outdoor aging is dependent on climate, the direction the label faces, the surface angle to which the label is applied (horizontal or vertical), and the amount of airborne pollutants to which the label is exposed. Outdoor life is defined as the length of time the imprinting remains legible.

Shelf Life: One year from receipt of material
Product should be stored in polyethylene bags at 72 degrees F and 50% relative humidity.

SPECIAL CONSIDERATIONS

Minimum Application Temperature: 50 degrees F. For best bonding conditions, application surface should be at room temperature or slightly higher.

For maximum bond strength, surface should be clean and dry. A typical cleaning solvent is heptane or isopropyl alcohol. Higher initial bonds are achieved through increased rub down pressure.

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