



## Glossy White Polyimide

### Thermal Transfer Electronic Labeling

#### PRODUCT DESCRIPTION

7.8 Mil topcoated white glossy polyimide film for electronics labeling is coated with an aggressive permanent acrylic adhesive and backed with a 55# glassine release liner. This material is specifically designed for ultra solvent and heat resistances.

#### USES

Ideal for marking electronic components, and the top/bottom side of printed circuit boards. This material is designed to withstand high temperatures and harsh chemicals. Withstands through-hole and surface mount circuit board processes. This material is ideal for industrial bar code applications requiring durability. This high-performance material is designed for applications requiring excellent solvent and scratch resistance. This material is specifically designed for use in no lead solders.

#### FEATURES

Indoor use only. Excellent scratch, abrasion, chemical, and heat resistant when printed with a thermal transfer resin based ribbon. This film is dimensionally stable (no shrinkage), high performance adhesive. Preheating of the material and ribbon will enhance the performance. Meets and passes MIL-STD 202F and MIL-STD-883E when combined with SDR-5 ribbon. This product is RoHS Directive 2002/95/EC Compliant.

#### APPLICATION NOTES

##### Service Temperature:

Epoxy Boards	Stainless Steel	Aluminum Panels	Temperatures
Less than 60 Seconds	1-5 Minutes	1-4 Minutes	572 °F 300 °C
1-18 seconds	10-58 seconds	1-8 seconds	842 °F 450 °C
1-5 seconds	3-7 seconds	Less than 8 seconds	1000 °F 538 °C

\*\*Customer to test in actual application to determine if material meets customer requirements\*\*

#### CHEMICAL RESISTANCES

Tests should be conducted at room temperature after 24 hr. dwell. Testing should consist of five cycles of 10-minute immersions in the specified reagent followed by 30-minute recovery periods. Cotton swab rub prior to final immersion: Chemical Reagents that have no effect on label stock (without printing) are: Household cleaners, mild acid, oil, water, IPA and mineral spirits, terpene defluxer (EC-7R), saponifer, kyzen aquanox XJN+

Minimum Application Temp: 50 °F (10 °C)

Exterior Durability: Indoor use only

Storage Stability Store at 70 °F (21 °C) and 40-50% RH for optimal performance

Shelf Life 1 year at proper storage conditions

#### Recommended Thermal Transfer Ribbons are: SDR and SDR-6

The above data represents product averages, allowing for industry-accepted variance. The products should be tested in the end-use conditions to insure that it meets the requirements of the specific application.