Electronic Imaging Materials, Inc.

Labels that Last

640 White Polyester

Description: This gloss-coated, industrial-grade polyester is designed for durable applications with harsh environments and temperature extremes. It comes with an aggressive, high-performance permanent adhesive that offers high initial tack and high ultimate bond that is ideal for uneven and textured surfaces including cast aluminum and low-surface-energy (LSE) plastics. Testing with water, household cleaners, oil, and mild acid show no effect on the topcoat or adhesive. The liner is coated to prevent label pickoff and is suitable for label sensing equipment with most thermal transfer printers.

Applications: This material is perfect for parts identification, rating and name plates, safety and warning labels, instrument marking, materials tracking and inventory control, circuit breakers, power sources, cell phones, long-term outdoor durable labels, asset-tracking and post-solder circuit board marking. It is also suitable for durable packaging applications where quality and extra bond strength are needed.

Recommended Thermal Transfer Ribbons: T96, T84, T80, T68 black resin ribbons and T88 colored resin ribbons. It is also UV inkjet printable for preprinted labels.

Regulatory Compliance:

FDA 21 CFR 175-105 for indirect food contact
RoHS and REACH SVHC Candidate List
CONEG
Phthalate & Lead Content
UL Recognized: Marking & Labeling Systems (PDJI2).
See EIM UL FIle #MH48554 for UV Inkjet printed labels (PDGQ2)

	Face Stock	Adhesive	Liner
Type	Polyester	Permanent	Bleached Kraft
Color	White, Gloss	-	-
Caliper	2.0 mil	1.9 - 2.1 mil	3.1 mil
Base Weight	-	-	50#
Min. Application Temp.	-	50°F (10°C)	-
Service Temp. Range	-	-40°F to 302°F (-40°C to 150°C)	-
Expected Exterior Life	-	Two Years	-

	Temperature	Humidity	Shelf Life
Recommended Storage Conditions	70°F	50% R.H.	Two Years

NOTE: Due to the variety of application conditions, Electronic Imaging Materials strongly encourages the end-user to do thorough testing of all label products under consideration to make sure they will meet the application requirements.