

Cleanroom 1 Label

Thermal Transfer PMA4367

DATA SHEET

Description

PMA4367 is a non-silicone thermal transfer cleanroom label which comes with matte white polypropylene based 100% synthetic film. A special resin top coat provides excellent chemical resistance and good thermal transfer printing image with most resin & combination ribbons, surface treated for better ink writing or printing. This product exhibits ultra-low ionic extraction level and durable performance in micro-electronic cleanroom application.



Physical Properties

Label Composition	Synthetic Polypropylene
Film Thickness	3.0 mil ± 10%
Adhesive Composition	Low outgassing Acrylic-based
Adhesive Thickness	0.9 mil - 1.0 mil ± 0.1
Avg. Peel Adhesive (72 hour dwell)	28 - 35 oz/in
Release Liner	Non-silicone coated Polyester
Release Liner Thickness	1.5 mil ± 5%
Release Force	20 - 40 grams
Min. Application Temp.	59°F (15°C)
Service Temp.	23°F to 158°F (-5°C to 70°C)
Storage Stability	Two years stored at 70°F (21°C) and 50% RH
Packaging	Cleaned and double bagged in Class 10 cleanroom. Wound in 3" OR 1" cleaned PE core

Cleanliness Properties

Extractable Silicone (FTIR) - Adhesive side	Not Detectable
- Release side	Not Detectable
Total outgassing (GCMS)	≤ 5,000 ng/ cm ²
Ionic Extractable Label (IC) - Total Anion	≤ 1.00 µg/cm ²

Adhesive Application Guide

Polycarbonate •	ABS •	Cleanroom Paper
Polyester •	Rubber •	Carton Box
Polyethylene •	Glass •	
Polypropylene •	Metal •	