

# Cleanroom Label Class 2

Thermal Transfer PMA2074

# DATA SHEET

## Description

Matte white BOPP based synthetic film, special resin top coat provides excellent chemical resistance and good thermal transfer printing image with most resin & combination ribbons, exhibits durable performance in micro-electronic cleanroom application

## Physical Properties

Label Composition	BOPP
Film Thickness	75µm (ISO 534)
Adhesive Composition	Acrylic-based permanent adhesive
Avg. Peel Adhesive (Stainless Steel) 20 min dwell	0.3 N/25mm
Initial Tack on Glass	0.6 N/25mm
Release Liner	Transparent PET film with reduced extractable silicone
Release Liner Thickness	30µm (ISO 534)
Min. Application Temp.	+5°C
Service Temp.	-5°C to +65°C
Storage Stability	One year stored at 22°C and 50% RH
Packaging	Double bagged in Class 100 cleanroom. Wound in 3" PE core

## Cleanliness Properties

Ionic Extractable Label (IC) - Total Anion & Cation	≤ 14.5 µg/cm <sup>2</sup>
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Class 1 Cleanroom label was processed in Cleanroom ISO class 4 environments with state of the art surface cleaning technology to remove surface particles down to 2.0 microns. The labels were Nitrogen purge vacuum packed under Cleanroom class 5 environments with double layers cleanroom bags