



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ECLIPSE LABORATORIES
1025 North Highway 3
Northfield, MN 55057
Dr. Brad Paulson Phone: 952 946 8843

MECHANICAL

Valid To: March 31, 2025

Certificate Number: 4200.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on cards:

Test(s):	Test Method(s):
Mechanical:	
Card Warpage	ISO/IEC 10373-1 (Section 5.1), ISO/IEC 7810 (Section 8.10)
Card Dimensions	ISO/IEC 10373-1 (Section 5.2), ISO/IEC 7810 (Section 5.2)
Peel Strength - 90°	ISO/IEC 10373-1 (Section 5.3), ISO/IEC 7810 (Section 8.7); ANSI/INCITS 322 (Section 5.1)
Bending Stiffness	ISO/IEC 10373-1 (Section 5.8), ISO/IEC 7810 (Section 8.1)
Opacity	ISO/IEC 10373-1 (Section 5.11), ISO/IEC 7810 (Section 8.9)
Surface Profile of Magnetic Stripe	ISO/IEC 10373-2 (Section 5.2)
Magnetic Stripe Surface Roughness	ISO/IEC 10373-2 (Section 5.3)
Magnetic Stripe Adhesion	ISO/IEC 10373-2 (Section 5.7)
Environmental Simulation:	
Card Dimensional Stability and Warpage Related to Temp. and Humidity	ISO/IEC 10373-1 (Section 5.6), ISO/IEC 7810 (Section 8.4)
Temperature and Humidity Aging Elevated Temperature and Humidity Exposure	ISO/IEC 24789-2 (Section 5.7), ANSI/INCITS 322 (Section 5.7)
Resistance to Chemicals	ISO/IEC 10373-1 (Section 5.5 except Salt Mist), ISO/IEC 7810 (Section 8.3)
Resistance to Heat	ISO/IEC 10373-1 (Section 5.14), ISO/IEC 7810 (Section 8.11)
Elevated Temperature/Humidity and Peel Strength Sequence	ANSI/INCITS 322 (Section 6.3)
Temperature and Humidity Aging Followed by Peel Strength Testing	ISO/IEC 24789-2 (Section 5.11)
Temperature Shock	ISO/IEC 24789-2 (Section 5.8)

Test(s):	Test Method(s):
Image Abrasion	ANSI/INCITS 322 (Section 5.11)
Barcode Abrasion	ANSI/INCITS 322 (Section 5.9)
Temperature & Humidity Induced Dye Migration	ANSI/INCITS 322 (section 5.12)
UV Light Exposure	ANSI/INCITS 322 (section 5.14)
Daylight Exposure Image Stability	ANSI/INCITS 322 (section 5.15)





Accredited Laboratory

A2LA has accredited

ECLIPSE LABORATORIES

Northfield, MN

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 26th day of June 2023.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4200.01
Valid to March 31, 2025

For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.