

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

UN1F1ED2 GLOBAL PACKAGING GROUP

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MECHANICAL

Valid To: January 31, 2024 Certificate Number: 4490.02

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

Test Technology:	Test Method(s) 1:
Random Vibration (1-300 Hz) (600 Kgs), (4 Inch Stroke)	ISTA 1, 2, 3, 6 Series; ASTM D4169-09 & -16
Drop Testing	ISTA 1, 2, 3, 6 Series; ASTM D5276; ASTM D4169-09 & -16
Hot and Cold Temperature (-70° C to +180 °C)	ISTA 2, 3, 7E, 7D Series; ASTM D4332
Temperature & Humidity Testing (-40 °C to 80 °C; 5 to 95% Relative Humidity)	ISTA 2, 3, 7E, 7D Series
Incline Impact	ISTA 1, 2, 3, 6 Series; ASTM D880; ASTM D4169-09 & -16
Concentrated Impact	ASTM D6344; ASTM D4169-09 & -16
Loose Load Vibration	ISTA 1, 2 Series; ASTM D999; ASTM D4169-09 & -16
Dye Penetration	ASTM F1929
Accelerated/Real Time Aging	ASTM F1980
Bubble Leak Tester	ASTM D3078

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<u>Test Technology:</u> <u>Test Method(s) ¹</u>:

High Altitude ASTM D6653-13

Compression ISTA 1A, 2A, 3A, 6 (Amazon);

ASTM D4169-09, -16

¹ When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA *R101 - General Requirements- Accreditation of ISO-IEC 17025 Laboratories*.



Accredited Laboratory

A2LA has accredited

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Carrigtwohill, Ireland

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 21st day of December 2021.

Vice President, Accreditation Services For the Accreditation Council Certificate Number 4490.02 Valid to January 31, 2024