

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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MECHANICAL

Valid To: December 31, 2024

Certificate Number: 0098.06

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following mechanical tests on <u>rubber brake hoses</u>, <u>hose products</u>, <u>rubber products</u>, <u>plastics and glass</u>, towing products, and fenestration products:

<u>Test:</u>	<u>Test Method(s):</u>
Brake Hose	ASTM D571, D622; FMVSS 106; SAE J1401, J1402, J1403; GM 6405M; MS-EA-75 $<$ S>; Canada - CMVSS 106 and TSD #106; Australian Design Rules – ADR 7/00 (<i>Withdrawn 2005</i>) ¹ , ADR 42/03 and ADR 42/04; China – GB 16897; Japanese Industrial Standard – JIS D2601; ISO 3996; Volkswagen TL901
Non-Metallic Tubing	FMVSS 106; SAE J844, J1037, J1131, J1394, J2494-3
Ozone	ASTM D518-99 (Withdrawn 2008) ¹ , D1149 (Except A2), D1171
Hose Testing	ASTM D380 (Except Section 23)
Durometer Hardness (Shore A and Shore D)	ASTM D2240
Xenon-Arc Light Exposure, (With and Without Water)	ASTM D2565, D3794, D4355, D4459, D5071, D6695, G151, G155; ISO 4892-1; SAE J2527
Glass & Plastic	ASTM D1003 Procedure A, D1044

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Test:

Test Method(s):

Architectural Safety Glazing Test



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A2LA has accredited
ELEMENT DES MOINES

A

Des Moines, IA

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 9th day of December 2022.

Mr. Trace McInturff, Vice President, Accreditation Services For the Accreditation Council Certificate Number 0098.06 Valid to December 31, 2024

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