Miami-Dade County, Florida
DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS
BOARD AND CODE ADMINISTRATION DIVISON
PRODUCT CONTROL SECTION
11805 S.W. 26 Street-Room 208
Miami, Florida 33175-2474
T (786) 315-2590 Fax (786) 315-2599

Laboratory Certificate

This certifies that Element Materials Technology St. Paul, Inc located at 3922 Delaware Avenue, Des Moines, IA 50313 is an approved Testing Laboratory in accordance with Miami-Dade County Dade County Department of Permiting, Environment, and Regulatory Affairs and Protocol TAS301-94, and is Certified to perform the following tests:

TAS201
TAS202
TAS203
ASTM E547
ASTM E783
ASTM E987
ASTM E1105
Listed in: American Association for Laboratory Accreditation:
Certificate No. 0098.06

Results of the above mentioned test shall be properly submitted to the Miami-Dade County Dade County Department of Permiting, Environment, and Regulatory Affairs per TAS301-94, along with all other documentation required for the approval of products. Approved engineer(s) for this laboratory:

Jason Robert Steen, P.E.

This Certification and Registration Approved: **March 17, 2022**
This Certification and Registration Expires : **August 23, 2027**

Certification No. : **22-0302.01** *Renews: 17-1020.05*

Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
Product Control Section

Americo Segura, M.S., CGC
Quality Assurance Unit Supervisor
Product Control Section

The Miami-Dade County Dade County Department of Permiting, Environment, and Regulatory Affairs reserves the right to remove this certification for non-compliance with rules and regulations as set by Protocol TAS301-94.

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SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT DES MOINES
3922 Delaware Avenue
Des Moines, IA 50313
Denise Besting Phone: 262 901 0524
Email: denise.besting@element.com

MECHANICAL

Valid To: December 31, 2022 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 rubber brake hoses, hose products, rubber products, plastics and glass, towing products, and fenestration products:

Test:	**Test Method(s):**
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; Canada - CMVSS 106 and TSD #106; Australian Design Rules – ADR 7/00 (*Withdrawn 2005*)[1], ADR 42/03 and ADR 42/04; China – GB 16897; Japanese Industrial Standard – JIS D2601; ISO 3996; Volkswagen TL901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

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Test:	**Test Method(s):**
Glass & Plastic	ASTM D1003 Procedure A, D1044
Architectural Safety Glazing Test	ANSI Z97.1 (*Except 5.1.4 type 3, 5.4.1 (1), 5.4.2*); CPSC 16 CFR 1201; CAN/CGSB-12.1(*Except 10.1.4.3, 10.4.1.1, and 10.4.2)* ASTM C1036 (*Dimensional Methods Only)*
Glazing Materials for Motor Vehicles	ANSI/SAE Z26.1 (*Except 5.21-5.25 and 5.27*); FMVSS 205[2]
Salt Spray (Fog) Testing	ASTM B117
Trailer Couplings, Hitches, and Safety Chains	SAE J684; VESC V-5
Trailer Tow Bar Eye and Pintle Hook/Coupler Performance	SAE J847
Weatherability	ASTM G154
Windows, Doors and Curtain Walls	ASTM E283, E330, E331, E547, E987 Method A, E1886, E1996, E2068, F588, F842, F2090; AAMA 450, 506, 910, 920, 925, 1302.5, 1303.5, 1304, 1701.2, 1704; AAMA/WDMA/CSA 101/I.S.-2/A440; CAN/CGSB-82.1-M89; CSA A440 (except 11.12), A440S1[2]; TAS 201, 202, 203; WDMA I.S.11[2]

[1] *This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.*

[2] *The laboratory is accredited for the test methods listed above. The accredited test methods are used in determining compliance with the material specifications identified above; however, the inclusion of these material specifications on this Scope does not confer laboratory accreditation to the material specifications.*

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Accredited Laboratory

A2LA has accredited

ELEMENT DES MOINES

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 3rd day of March 2021.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0098.06 (Formerly 1479.02)
Valid to December 31, 2022

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

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