



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017²

PRIMETIME TESTING LABORATORY, INC.
51821 Industrial Dr.
Macomb Township, MI 48042
Kenneth E. Wend Phone: 586 468 3939

MECHANICAL

Valid To: February 28, 2022

Certificate Number: 1447.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory at the location listed above as well as the satellite location listed below to perform the following tests and/or customer provided specifications on but not limited to Transportation, Military, Aerospace, Commercial Components and Customer-defined Products.

- Cycle and/or Load Testing using electro-mechanical, hydraulic or pneumatic force equipment up to 15,000 lbs force;
Single or multiple axis capability up to 5 Hz;
Control to displacement or force in Tension or Compression
- Thermal Cycling tests (-45 to +170) °C and 95 %RH
- Thermal Shock (-40 to +200) °C
- Vibration-Random, Sine, Classical Shock, Sine on Random, Random on Random, Sine Resonance Track and Dwell, Test Scheduling and Mission Simulation
Frequency Range: (10 to 2700) Hz
Force Rating: 6600 lbf
Shock Force Rating: 13,200 lbf
3 axis, 4" Peak to Peak
Environmental Exposures (-40 to +110) °C
- Electrical Performance/Characteristics Output:
Frequency: Sine (peak to peak): (0 to 21.5) MHz (0 to 10) V
Voltage: DC V: (0 to 150) V / DC A: (0 to 40) A Measure: Voltage (DC): 1 mV to 1000 V
Voltage (AC): 1 mV to 750 V (3 Hz to 300 kHz)
Current: (DC): 1 mA to 100 A Current (AC): 1 mA to 10 A (3 Hz to 300 kHz)
Resistance: 0.003 Ω to 2 GΩ

Test Description:

Test Method(s):

Material Testing

Abrasion

ASTM D3884, ASTM D4060;
FLTM BN 108-02, FLTM BN 108-04;
GM9515P (inactive July 2013)¹,
GM9542P (inactive March 2011)¹;
GMW3208, GMW15487;
NES M0136;
SAE J365, SAE J948 (*Taber Only*)

Tape Adhesion

ASTM D3359;
FLTM BI 104-01, FLTM BI 104-04;
DBL 7384 Sections 8.1.5, 8.1.6;
DBL 7399 Section 5.1;
FLTM BI 106-01;
GM9071P (inactive September 2012)¹,
GM9160P (inactive June 2015)¹,
GM3602M (inactive August 2010)¹,
GM9210P Methods 1 and 2
(inactive January 1994)¹,
GM9502P (inactive August 2012)¹;
GMW14829;
ISO 2409; LP-463B-19-0;
NES M0141 Section 6.2.4 Methods A & B;
TSM0502G Section 4.14

Adhesion Peel

FLTM BN 151-05;
GMW3220, GMW14892;
ISO 8510-2;
LP-463TB-3-01;
NES M0141 Section 6.2.4 Method C;
TSM0501G Section 8.22;
FLTM BN 151-06

Ash Content

ISO 3451-1 (Method A)

Breaking Strength and Elongation of
Textile Fabrics

ASTM D5034; LP-463KB2-01;
ISO 9073-3

Broken Yarn Resistance

MS-JF-1000

Chemical Resistance

DBL 7384 Section 9.1.9;
GM9900P (March 2010)¹;
GMW14334;
LP-463DD-4-02;
NES M0133 Methods 2 and 5

Test Description:

Chrome Testing – Coulometric Method
Discontinuous Chrome
STEP Test

Cleanability of Textiles and Plastics

Colorfastness to Waterspotting

Compatibility

Crocking

Determination of Automotive Fluid Staining
of Plastics

Dime Scrape

Dust Out

Fabric

Filler Content

Flammability

Test Method(s):

GMW 14668;
ISO 1456; ISO 2177;
ASTM B456;
ASTM B764;
ASTM B504

GM9126P (inactive April 2012)¹;
LP-463KC-04-01

AATCC Method 104, AATCC Method 107;
FLTM AN 101-1; GMW14102

GMW14069 (inactive 3/1/2011)¹;
ISO 15701

AATCC TM8;
EN ISO 105-X12;
FLTM BN 107-01;
GM9033P (inactive July 2013)¹;
LP-463PB-54-01;
PV 3906 VW;
SAE J365, SAE J861

LP-463PB-57-03

GM9506P (inactive June 2013)¹

GM9635P (superseded May 1992)¹;
GMW16998

ESB-M9H129A
(Excludes Sections 3.2, 3.4, 3.5, 3.9);
GM2703M *(Excludes Section 3.1)*
(inactive February 2011)¹;
MS JZ 8-19 *(Excludes Seam Strength)*

ASTM D1506 Method A;
ISO 1172 Method A

BMW GS97038;
DIN 75200;
DVM-0006-ST;
ES-X60410 Mitsubishi;
FMVSS 302;
CMVSS 302;

Test Description:

Test Method(s):

Flammability Cont.

FLTM BN 024-01, FLTM BN 024-02;
GM9070P (superseded July 1996)¹;
GMW14838 Section 3.2.9, GMW3232;
ISO 3795; MES CF 050E;
MS-300-08; NES M0094;
PV3904 VW; SAE J369;
TL1010 VW; TSD 302;
TSM0500G; MS90095; BSDM0500;
HES C206-09; HES D6003-09

Flock Testing

FLTM BN 108-08

Fluid Resistance

LP-463PB-31-01

Foam Testing

ASTM D 3574 (*Excluding Test G, Test H,
Test I₂, Test I₄, and J*);
ISO 1856

Fogging

FLTM BO 116-03;
GM9305P (inactive September 2012)¹;
GMW3235 Method A & B;
GMW14838 Section 3.2.5,
SAE J1756; TSM0503G Method B;
BSDM0503

Glass Content of Glass Reinforced Plastics

GM9077P (inactive March 2013)¹

Gloss

ASTM D523;
DBL 7384 Section 9.1.3;
FLTM BI 110-01;
GMW15777

Gray Scale Analysis

ASTM D2616;
AATCC Evaluation Proc. #1 (Color Change),
AATCC Evaluation Proc. #2 (Stain)

Impact

ASTM D5420;
LP463-LB-11-01;
FLTM BO 151-01;
GM9032P (inactive June 2010)¹,
GM2617M Section 3.4.2.10.2
(superseded February 2006)¹;
GMW14093;
NES M0134, NES M0141 Section 6.2.2

Test Description:

Length of Fabric

Measuring Mass per Unit Area of Geotextiles

Odor

Pencil Scratch Resistance

Pendulum Impact

Perspiration

Resistance to Blocking

Resistance to Marring or Scuffing

Resistance to Mildew Growth

Resistance to Water & Soap Spotting

Scratch and Mar Resistance

Scratch Resistance

Test Description:

ASTM D3773 Method A

ASTM D5261

LP-463KC9-01;
FLTM BO 131-01; -03;
GM9130P (inactive June 2015)¹;
GMW14838, Section 3.2.7, GMW3205;
SAE J1351; TSM0505G; VDA 270;
BSDM0505 (except Water Extraction Method)

ASTM D3363;
NES MO 141 Section 6.2.1 (By Hand)

SAE J1717 (*DI Only*)
ASTM D256, ISO180,
ASTM D6110, ISO 179-1

FLTM BI 113-06, FLTM BI 113-07;
FLTM AN 101-01;
GM9517P (inactive December 2012)¹;
GMW14334, Code C

SAE J912

GM9150P (inactive December 2012)¹;
GMW14130, GMW14698 Method B

DVM/SDS-8868;
GM9128P¹;
GMW3259

FLTM BI113-01

FLTM BN 108-13;
GMN3943 (superseded June 2003)¹;
GMW14688, Method A, GMW14698;
LP-463DD-18-01;
LP-463DD-18-02; SAE J365
FLTM BI 161-01 (10/2018);
FLTM BO 162-01

NES M0141 Section 6.2.9 Methods 2 and 3;
NES-M0159 Method D

Test Description:

Shrinkage

Soiling and Cleanability

Solvent Rub Method for Determining
Cure of Painted Metal or Plastic Substrates

Staining and Blocking

Stress Cracking Test of Plastic

Stretch and Set

Surface Whitening

Sunscreen Lotion Resistance

Tear Strength

Thermal Oxidative Stability

Thermal Shock for Paint Adhesion

Thickness

Tensile Properties

Thumbnail Hardness for Painted Parts

Test Description:

FLTM BN 105-01;
GMW4217;
SAE J883

FLTM BN 112-08;
GMW3402

GM9509P (superseded July 1995)¹;
GMW15891

FLTM BN 103-01;
GMW 14864

FLTM BO 127-03

SAE J855

LP.7M009; SAE J1545

FLTM BI 113-08;
GMW14445

ASTM D1117 Section 14 (withdrawn 2009)¹,
ASTM D5733 (withdrawn 2008)¹;
ISO 9073-4;
LP-463KB3-01

GM9059P (superseded July 1995)¹;
ISO 4577

FLTM BI 107-05;
GMW15919

ASTM D1777;
ISO 5084;
LP-463LB7-01 Method B;
SAE J882;
ISO 2589

ASTM D638

DBL 7384 Section 9.1.10;
GM9507P (inactive June 2011)¹

Test Description:

Water Immersion

Test Method(s):

ASTM D870;
DBL 7384 Section 9.1.7;
FLTM BI 104-01;
GM9514P (inactive March 2011)¹;
HES D 6501-03 Section 3.18

Weight

FLTM BN 106-01;
GMW3182

Electrical Testing

Frequency
Voltage – AC/DC (Over Voltage, Reverse Voltage)
Current (AC/DC)
Resistance, Capacitance, Dielectric/Insulation
Resistance

Using test methods PF 9590; GMW 3172,
GMW 3431, but not limited solely to these
specifications;
ISO 17650-2 (except 4.6.4)

Environmental Testing

Colorfastness -Xenon Arc

GMW14162 Method D;
SAE J1885 - Interior (superseded January 2008)¹,
SAE J2412 - Interior;
ISO 105-B06

Weathering

MS.90053
FLTM BO 116-01

Environmental Cycling

FLTM BQ 104-07;
FLTM BO 040-01;
GM9200P, GM9505P (superseded 2012)¹,
GM9540P (*Excluding Sections A4.9 and A4.10*)
(superseded 2013)¹;
GMW14124 (except T & Q), GMW14872
(*Excluding Option 4*);
LP-463CB-10-01, LP-463LB-13-01,
LP-463LB-12-01, LP-463PB-22-01;
WSS-M15P4-F, Section 3.3.1

Resistance to Humidity

GM2617M Section 3.4.2.9
(superseded February 2006)¹;
NES M0141, Section 6.3.1 Method A

Salt Fog Corrosion

ASTM B117;
GM4298P (superseded 2011)¹;
GMW3286;
GMW14458

Thermal Shock

PF-9688; GMW3172; CETP 00.00-E-412;
CS.00056



Test Description:

Variable Surface Temperature Heat Exposure

Water Fog Humidity

Vibration and Shock

Mechanical Shock

Vibration

Test Method(s):

GM9310P (superseded September 1988)¹;
GMW15432; NES M0131

ASTM D1735, ASTM D2247;
GM4465P (inactive January 2011)¹,
GMW14729

CS-11982 Section 4.2.4;
CS-11982 Section 4.2.3;
CS.00056, Section 5.4.3 (V2 Class)

CS-11982 Section 4.2.3;
CS.00056, Section 5.4.3 (V2 Class);
CS-11982, Section 4.2.3/4.2.4/4.2.5;
PF-11804 (A/2015), Sec. 4.3.1;
PF9179, Sec 3.4; GMW14096, Sec 3.2.1.2.2;
96400 NDS00, Vibe Durability

On the following components:

Automotive, truck, bus seats, interior trim, and exterior trim

¹NOTE: 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 This accreditation covers testing/calibrations performed at all laboratory locations listed in this scope of accreditation.

The laboratory is accredited for the test methods listed above. The accredited test methods are used in determining compliance with the material specifications listed below; however, the inclusion of these material specifications on this Scope does not confer laboratory accreditation to the material specification. Inclusion of these material specifications on this Scope also does not confer accreditation for every method embedded within the specification. Only the methods listed above on this Scope are accredited.

Material Specifications:

GM4344M (inactive)¹, GM4345M (inactive March 2011)¹, GMW14838, GM2617M (superseded February 2006)¹, GM6293M (inactive June 2013)¹, GMN10083, GMW14867, GMW14444, GMW14797, Table A1 (Excluding Multiaxial Impact and Water Jet), GMW 14668



PRIMETIME TESTING LABORATORY, INC.
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Shelby Township, MI 48315
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In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests and/or customer provided specifications:

- Thermal Cycling tests (-45 to +170)°C and up to 95% RH
- Tensile/ Compression Electro-Mechanical up to 10 kN

Test Description

Test Method(s)

Tape Adhesion

ASTM D3359;
FLTM BI 104-01, FLTM BI 104-04;
DBL 7384 Sections 8.1.5, 8.1.6,
DBL 7399 Section 5.1;
FLTM BI 106-01;
GM9071P (inactive September 2012)¹, GM9160P
(inactive June 2015)¹, GM3602M (inactive
August 2010)¹, GM9210P Methods 1 and 2
(inactive January 1994)¹, GM9502P (inactive
August 2012)¹, GMW14829;
ISO 2409; LP-463B-19-0;
NES M0141 Section 6.2.4 Methods A & B;
TSM0502G Section 4.14

Adhesion Peel

FLTM BN 151-05;
GMW3220, GMW14892;
ISO 8510-2;
LP-463TB-3-01;
NES M0141 Section 6.2.4 Method C;
TSM0501G Section 8.22;
FLTM BN 151-06

Flammability

BMW GS97038;
DIN 75200;
DVM-0006-ST;
ES-X60410 Mitsubishi;
FMVSS 302;
C FLTM BN 024-01, FLTM BN 024-02;
GM9070P (superseded July 1996)¹, GMW14838
Section 3.2.9, GMW3232;
ISO 3795;
MES CF 050E;
MS-300-08;
NES M0094;
PV3904 VW;
SAE J369;
TL1010 VW;
TSD 302;
TSM0500G;
MS90095;
BSDM0500;
HES C206-09; HES D6003-09MVSS 302



Test Description

Test Method(s)

Breaking Strength and Elongation of Textile Fabrics

ASTM D5034,
LP-463-KB2-01;
ISO 9073-3

Foam Testing

ASTM D 3574 (*Excluding Test G, Test H, Test I₂, Test I₄, and J*);
ISO 1856

Tear Strength

ASTM D1117 Section 14 (withdrawn 2009)¹,
ASTM D5733 (withdrawn 2008)¹;
ISO 9073-4;
LP-463KB3-01

Tensile Properties

ASTM D638

Scratch and Mar Resistance

LP-463DD-18-01;
BN 108-13;
GMW14698 Test Method B



Accredited Laboratory

A2LA has accredited

PRIMETIME TESTING LABORATORY, INC.

Macomb Township, MI

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 27th day of May 2020.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1447.01
Valid to February 28, 2022

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