



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

PRIMETIME TESTING LABORATORY, INC.<sup>2</sup>  
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Macomb Township, MI 48042  
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MECHANICAL

Valid To: April 30, 2020

Certificate Number: 1447.01

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 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 (-70 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)<sup>1</sup>,  
GM9542P (inactive March 2011)<sup>1</sup>;  
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 9.1.5, 9.1.6;  
DBL 7399 Section 5.1;  
FLTM BI 106-01;  
GM9071P (inactive September 2012)<sup>1</sup>,  
GM9160P (inactive June 2015)<sup>1</sup>,  
GM3602M (inactive August 2010)<sup>1</sup>,  
GM9210P Methods 1 and 2  
(inactive January 1994)<sup>1</sup>,  
GM9502P (inactive August 2012)<sup>1</sup>;  
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

Ash Content

ISO 3451-1 (Method A)

Breaking Strength and Elongation of  
Textile Fabrics

ASTM D5034; LP-463KB2-01

Broken Yarn Resistance

MS-JF-1000

Chemical Resistance

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

Chip Resistance

ASTM D3170;  
GM9508P (inactive August 2010)<sup>1</sup>;  
GMW14700;  
SAE J400



<u>Test Description:</u>	<u>Test Method(s):</u>	<u>Test</u>
Chrome Testing – Coulometric Method Discontinuous Chrome STEP Test	GMW 14668; ISO 1456; ISO 2177; ASTM B456; ASTM B764; ASTM 504	
Cleanability of Textiles and Plastics	GM9126P (inactive April 2012) <sup>1</sup> ; LP-463KC-04-01	
Colorfastness to Waterspotting	AATCC Method 104, AATCC Method 107; FLT M AN 101-1; GMW14102	
Compatibility	GMW14069 (inactive 3/1/2011) <sup>1</sup> ; ISO 15701	
Crocking	AATCC TM8; EN ISO 105-X12; FLT M BN 107-01; GM9033P (inactive July 2013) <sup>1</sup> ; LP-463PB-54-01; PV 3906 VW; SAE J365, SAE J861	
Cup Holder Retention and Stability Test	ID12409; PF10915	
Determination of Automotive Fluid Staining of Plastics	LP-463PB-57-03	
Dime Scrape	GM9506P (inactive June 2013) <sup>1</sup>	
Dust Out	GM9635P (superseded May 1992) <sup>1</sup> ; GMW16998	
Fabric	ESB-M9H129A <i>(Excludes Sections 3.2, 3.4, 3.5, 3.9);</i> GM2703M <i>(Excludes Section 3.1)</i> <i>(inactive February 2011)<sup>1</sup>;</i> MS JZ 8-19 <i>(Excludes Seam Strength)</i>	
Filler Content	ASTM D1506 Method A; ISO 1172 Method A	
Flammability	ASTM D5132; 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;  
GB8410;  
GM9070P (superseded July 1996)<sup>1</sup>;  
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 I<sub>2</sub>, and Test I<sub>4</sub>*);  
ISO 1856

Fogging

FLTM BO 116-03;  
GM9305P (inactive September 2012)<sup>1</sup>;  
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)<sup>1</sup>

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 5420;  
LP463-LB-11-01;  
FLTM BO 151-01;  
GM9032P (inactive June 2010)<sup>1</sup>,  
GM2617M Section 3.4.2.10.2  
(superseded February 2006)<sup>1</sup>;  
GMW14093;  
NES M0134, NES M0141 Section 6.2.2

**Test Description:**

**Test Method(s):**

**Test**

Length of Fabric	ASTM D3773 Method A
Measuring Mass per Unit Area of Fabric	ASTM D3776 Option C; LP-463LB7-01 Method A
Measuring Mass per Unit Area of Geotextiles	ASTM D5261
Melt Flow Rates of Thermoplastics by Extrusion Plastometer	ASTM D1238 (Procedure A); ISO 1133 (Procedure A)
Odor	LP-463KC9-01; FLTM BO 131-01; -03; GM9130P (inactive June 2015) <sup>1</sup> ; GMW14838, Section 3.2.7, GMW3205; SAE J1351; TSM0505G; VDA 270; BSDM0505
Pencil Scratch Resistance	ASTM D3363; NES MO 141 Section 6.2.1 (By Hand)
Pendulum Impact	SAE J1717 ( <i>D1 Only</i> )
Perspiration	FLTM BI 113-06, FLTM BI 113-07; FLTM AN 101-01; GM9517P (inactive December 2012) <sup>1</sup> ; GMW14334, Code C
Resistance to Blocking	SAE J912
Resistance to Marring or Scuffing	GM9150P (inactive December 2012) <sup>1</sup> ; GMW14130, GMW14698 Method B
Resistance to Mildew Growth	DVM/SDS-8868; GM9128P <sup>1</sup> ; GMW3259
Scratch and Mar Resistance	FLTM BN 108-13; GMN3943 (superseded June 2003) <sup>1</sup> ; GMW14688, Method A, GMW14698; LP-463DD-18-01; LP-463DD-18-02; SAE J365 FLTM BI 161-01 (10/2018); FLTM BO 162-01
Scratch Resistance	NES M0141 Section 6.2.9 Methods 2 and 3; NES-M0159



<u>Test Description:</u>	<u>Test Method(s):</u>	<u>Test</u>
Shrinkage	FLTM BN 105-01; GMW4217; SAE J883	
Soiling and Cleanability	FLTM BN 112-08; GMW3402	
Solvent Rub Method for Determining Cure of Painted Metal or Plastic Substrates	GM9509P (superseded July 1995) <sup>1</sup> ; GMW15891	
Staining and Blocking	FLTM BN 103-01; GMW 14864	
Stress Cracking Test of Plastic	FLTM BO 127-03	
Stretch and Set	SAE J855	
Surface Whitening	LP.7M009; SAE J1545	
Sunscreen Lotion Resistance	FLTM BI 113-08; GMW14445	
Tear Strength	ASTM D1117 Section 14 (withdrawn 2009) <sup>1</sup> , ASTM D5733 (withdrawn 2008) <sup>1</sup> ; ISO 9073-4; LP-463KB3-01	
Thermal Oxidative Stability	GM9059P (superseded July 1995) <sup>1</sup> ; ISO 4577	
Thermal Shock for Paint Adhesion	FLTM BI 107-05; GMW15919	
Thickness	ASTM D1777; ISO 5084; LP-463LB7-01 Method B; SAE J882; ISO 2589	
Tensile Properties	ASTM D638; ISO 527-1, -2, -3	
Tensile Modulus Retention	ISO 527-1, -2, -3	
Thumbnail Hardness for Painted Parts	DBL 7384 Section 9.1.10; GM9507P (inactive June 2011) <sup>1</sup>	

**Test Description:**

Water Immersion

Weight

**Electrical Testing**

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

**Environmental Testing**

Colorfastness -Xenon Arc

Corrosiveness to Steel

Environmental Cycling

Resistance to Humidity

Salt Fog Corrosion

Thermal Shock

Variable Surface Temperature Heat Exposure

**Test Method(s):**

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

FLTM BN 106-01;  
GMW3182

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

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

SAE J1389

FLTM BQ 104-07;  
GM9200P, GM9505P (superseded 2012)<sup>1</sup>,  
GM9540P (*Excluding Sections A4.9 and A4.10*)  
(superseded 2013)<sup>1</sup>;  
GMW14124, 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

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

ASTM B117;  
GM4298P (superseded 2011)<sup>1</sup>;  
GMW3286;  
GMW14458

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

GM9310P (superseded September 1988)<sup>1</sup>;  
GMW15432; NES M0131



**Test Description:**

Water Fog Humidity

**Test Method(s):**

ASTM D1735, ASTM D2247;  
GM4465P (inactive January 2011)<sup>1</sup>,  
GMW14729

**Vibration and Shock**

Mechanical Shock

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

Vibration

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

**Interior Testing**

Folding Seat Life Cycle

PF-10254 Sections 7.1 and 7.2

Rear Compartment Cover

PF-8055 (*Excluding Dielectric Bond Test*)  
(superseded by PF-12097)

Rearward Seat Back Load Fatigue

PF-8401

**Arm Rest Tests**

Armrest Lid Life Cycle

DVM-0079-ST

Armrest Strength

DVM-0076-ST

Armrest and Console Strength and Life Cycle Tests

PF-8401;  
PF-86714;  
PF8401

**Seat Adjuster Tests**

Manual Seat Adjuster Life Cycle

DVM-0039-ST

Memory Power Seat Adjuster Life Cycle

DVM-0038-ST

Operating in Extreme Temperature

DVM-0013-ST

Seat Track Performance (shim test)

DVM-0040-ST

**On the following components:**

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

<sup>1</sup>NOTE: 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.



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





# 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 17025:2005 *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 11<sup>th</sup> day of April 2018.

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 April 30, 2020  
Revised March 23, 2020

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