



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ITG AUTOMOTIVE SAFETY
SAFETY COMPONENTS
DUNEAN PLANT LABORATORY
30 Emery Street, P.O. Box 2125
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MECHANICAL

Valid To: June 30, 2019

Certificate Number: 0548.01

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

<u>Test Description</u>	<u>Standard or Portion of Standard Applicable for Testing</u>
Accelerated Aging of Inflatable Restraint Fabrics	ASTM D5427 (<i>Except Sec. 8.8</i>)
Air Permeability (Static and Dynamic)	ASTM D737, D6476; DIN 53887; ISO 9237; JIS L1096 (Secs. 8.26.1 & 8.26.3)
Blocking	GME DX 710469-6.8; ISO 5978; SAE J912
Count of Woven Fabric	ASTM D3775; DIN 53853; ISO 7211-2; JIS L1096 (Sec. 8.6.1)
Designation of Yarn or Weave	ISO 1139, 3572; JIS L1096 (Secs. 8.1)
Determination of Coefficient of Friction	ISO 8295
Determination of Crimp of Yarn in Fabric	ASTM D3883 (Option A); DIN 53840; ISO 7211-3; JIS L1096 (Sec. 8.7, Method C)
Fabric Bow, Bias	ASTM D3882; JIS L1096 (Sec. 8.12)
Fabric Breaking Strength and Elongation Grab Method	ASTM D5034; JIS L1096 (Sec. 8.14, Method B)
Strip Method	ASTM D5035; DIN 53857; ISO 5081, 13934-1; JIS L1096 (Sec. 8.14, Method A)

<u>Test Description</u>	<u>Standard or Portion of Standard Applicable for Testing</u>
Fabric Edge Comb	ASTM D6479; DIN 54301
Fabric Extractable Material	ASTM D2257 (Option 1)
Fabric Mass / Unit Area	ASTM D3776; DIN 53854; ISO 3374, 3801; JIS L1096 (Sec. 8.3.2)
Fabric pH	AATCC 81; FTM 191-2811; JIS L1096 (Sec. 8.37, Method A)
Fabric Shrinkage	AATCC 135; ISO 3759
Fabric Stiffness Cantilever	ASTM D1388 (Option A); DIN 53362; JIS L1096 (Sec. 8.21.1, Method A)
Circular Bend	ASTM D4032
Fabric Tear Strength Tongue (Single Leg) Method	ASTM D2261; DIN 53859; ISO 13937-2; JIS L1096 (Sec. 8.17.1, Method A & C)
Trapezoid Method	ASTM D5587
Fabric Thickness	ASTM D1777; DIN 53353; ISO 5084; JIS L1096 (Sec. 8.4)
Fabric Width	ASTM D3774; JIS L1096 (Sec. 8.2.1)
Fire Protective Clothing	FTM 191-5504; NFPA (Secs. 8-2, 8-6, 8-25 & 8-26)
Flammability Horizontal	DIN 75200; FMVSS 302; ISO 3795
Vertical	ASTM D6413; FTM 191-5903
Low Temperature Bend Test	ISO 4675
Mullen Burst Strength	ASTM D3786; JIS L1096 (Sec. 8.18.1, Method A)
Odor	GME 60276; VDA 270
Oil Repellency	AATCC 118 (Up to Grade #6)
Qualitative Dye Stain	ASTM D6613
Quantitative Fiber Identification	AATCC 20A (Secs. 8 & 9)



<u>Test Description</u>	<u>Standard or Portion of Standard Applicable for Testing</u>
Seam Strength in Inflatable Restraint Cushions	ASTM D5822
Standard Atmosphere for Testing	ASTM D1776; ISO 139, 2231
Stiffness Heart Loop (Softness)	GME 60302
Twist in Yarn	ASTM D1422, D1423
Water Resistance, Hydrostatic Pressure Test	AATCC 127 (Method A, Option 2)
Water Repellency	AATCC 193 (Up to Grade #6)

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Accredited Laboratory

A2LA has accredited

ITG AUTOMOTIVE SAFETY DUNEAN PLANT LABORATORY

Greenville, SC

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 8 January 2009).



Presented this 19th day of July 2017.

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President and CEO
For the Accreditation Council
Certificate Number 0548.01
Valid to June 30, 2019

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