



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

APPLIED LAB  
Textile Testing  
553 76<sup>th</sup> Street SW  
Byron Center, MI 49315  
Andrew Crowley Phone: 616 559 6165

MECHANICAL

Valid To: September 30, 2023

Certificate Number: 3193.01

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

<u>Test Description</u>	<u>Test Method(s)</u>
<b><i>Physical Testing:</i></b>	
Blocking	CFFA 4
Brush Pilling	ASTM D3511
Cold Crack Resistance	CFFA 6a
Dimensional Change	ASTM D3597 Section 6.5
Dimensional Change to Commercial Laundering	AATCC 96
Flex Testing	ASTM D2097; CFFA 10
Hydrolysis	ASTM D3690 Section 6.11; ISO 1419 Method C
Mace Snagging	ASTM D3939
Martindale Abrasion	ASTM D4966
Martindale Pilling	ASTM D4970
Mass Per Unit Area: Woven Fabric	ASTM D3776 Option C
Puncture Resistance	ASTM D751 Section 22-25
Random Tumble Pilling	ASTM D3512
Scrape and Mar Resistance	ASTM D2197, D5178
Scrubbability	ASTM F793 Section 7.7; CFFA 130
Seam Strength	ASTM D3597 Section 6.3, D434-95 (Withdrawn 2004) <sup>1</sup>
Seam Slippage	ASTM D1683, D4034 (Withdrawn 1992) <sup>1</sup>
Shrinkage	CFFA 140
Spray Test	AATCC 22
Stain Resistance	ASTM D1308; CFFA 141
Stiffness of Fabric	ASTM D4032
Strength / Elongation Grab Method	ASTM D751 Section 11-15, 17, D5034; CFFA 17
Stretch and Set	CFFA 15; SAE J855
Taber Abrasion	ASTM D3884

<u>Test Description</u>	<u>Test Method(s)</u>
Tear Strength of Fabrics: Tongue Method	ASTM D751 Section 28-31, D2261, D5735-95(2001) (Withdrawn 2009) <sup>1</sup> ; CFFA 16b
Tear Strength of Fabrics: Trapezoid Method	ASTM D751 Section 25-32, D5587, D5733 (Withdrawn 1999) <sup>1</sup> ; CFFA 16c
Volatility	ASTM D1203; Test Method A; CFFA 18
Wyzenbeek Abrasion	ASTM D4157, D3597 Section 6.4
<b><i>Colorfastness:</i></b>	
Colorfastness to Crocking: Flat	AATCC 8
Colorfastness to Laundering	AATCC 61 2a, 3a
Colorfastness to Light	AATCC 16.3 Option 3; ASTM G154 Cycle 1
Colorfastness to Perspiration	AATCC 15
Colorfastness to Sea Water	AATCC 106
Colorfastness to Solvent	ASTM D3597 Section 6.7
Colorfastness to Water	AATCC 107
Denim Dye Transfer	Ford BN 112-09
Oil Repellency	AATCC 118
Water/Alcohol Repellency	AATCC 193
<b><i>Flammability:</i></b>	
Flammability, 45 Degree	16 CFR 1610; ASTM D1230; California Technical Bulletin 117 Section E
Flammability, Bedding	IMO FTP Code Part 9
Flammability, Drapery	Boston BFD IX-1
Flammability, Horizontal	ASTM D5132; CMVSS 302; FMVSS 302; SAE J369
Flammability, Upholstered Furniture	ASTM E1353 (Cover Fabric Test); California Technical Bulletin 117: 2013 – Cover Fabric Test; California Technical Bulletin 117: 2013 – Barrier Material Test; California Technical Bulletin 117: 2013 – Resilient Filler Material Test; IMO FTP Code Part 8; NFPA 260 (Cover Fabric Test); UFAC (Fabric Classification Test)
Flammability, Vertical	California Title 19, Section 1237.1 – Proposed Revision; CAN/ULC S109; FAA 25.853b4; IMO FTP Code Part 7; NFPA 701 (Withdrawn 1989) <sup>1</sup> , Small Scale & Large Scale, NFPA 701: Test #1

<sup>1</sup>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.



# Accredited Laboratory

A2LA has accredited

## APPLIED LAB

*Byron Center, 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 27<sup>th</sup> day of July 2021.

A blue ink signature of the Vice President of Accreditation Services, written over a horizontal line.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 3193.01  
Valid to September 30, 2023

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