SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

APPLIED LAB
Textile Testing
553 76th 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:

Test Description	Test Method(s)
Physical Testing:	
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Seam Strength	ASTM D3597 Section 6.3, D434-95 (Withdrawn 2004)[1]
Seam Slippage	ASTM D1683, D4034 (Withdrawn 1992)[1]
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

Test Description	Test Method(s)
Tear Strength of Fabrics: Tongue Method	ASTM D751 Section 28-31, D2261, D5735-95(2001) (Withdrawn 2009)[1]; CFFA 16b
Tear Strength of Fabrics: Trapezoid Method	ASTM D751 Section 25-32, D5587, D5733 (Withdrawn 1999)[1]; CFFA 16c
Volatility	ASTM D1203; Test Method A; CFFA 18
Wyzenbeek Abrasion	ASTM D4157, D3597 Section 6.4
Colorfastness:	
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
Flammability:	
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)[1], Small Scale & Large Scale, NFPA 701: Test #1

[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.

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 27th day of July 2021.

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.