



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SHAWMUT PARK AVENUE, LLC
Physical Testing Lab
1821 North Park Avenue
Glen Raven, NC 27217
Stacy Chadwell Phone: 336 221 2124
Email: schadwell@shawmutcorporation.com

MECHANICAL

Valid To: November 30, 2022

Certificate Number: 1812.01

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

| <u>Tests</u> | <u>Test Method(s)¹</u> |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Abrasion Resistance | ASTM D3884; ASTM D4966; FLTM BN 108-02; FLTM BN 158-01; GMW3208; ISO 12947-2; SAE J948; TSL3610G Sec. 7.10 |
| Bleeding, Perspiration | AATCC 15; FLTM AN 101-01 |
| Bond Strength | 8320Z-SW5-9000 5.16; LP-463LB-10-01; ASTM D751(45-48); DIN 53-357; FLTM BN 151-05; GMW3220; HES D6506 5.24; ISO 11339; TSL3610G Sec 7.5 |
| Cleanability & Soiling | FLTM BN 112-08; GMW14334; GMW3402 |
| Color- Visual and Instrumental | AATCC EP 1; AATCC EP 2; AATCC EP 6; AATCC EP 7; GMW6992; ISO 105-A02; SAE J1767; SAE J361 |
| Colorfastness to Crocking | AATCC 8; FLTM BN 107-01; HES D6506 5.11, ISO 105-X12; SAE J861 |
| Colorfastness to Washing | AATCC 61; AATCC LP1 |
| Conditioning of Textiles | ASTM D1776; GMW 3221 |
| Curl Measurement | WSS M8P3 3.28 |
| Cyclic Aging | GMW 14124 Cycles H, M, P, Q, S, T |

| <u>Tests</u> | <u>Test Method(s)¹</u> |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensional Change / Stability | AATCC 135; GMW4217; HES D6506 5.12, 5.25, 5.26; SAE J883 |
| Dye Stability | AATCC 107; GMW 14141 |
| Flammability | ASTM D6413; FMVSS 302; GMW3232; HES D6003; ISO 3795; SAE J369 |
| Fogging (Photometric Method A) | GMW 3235; SAE J1756 (<i>Except Sec. 9</i>) |
| Gloss | ASTM D523 |
| Heat Aging | LP-463LB-13-01 |
| Humidity Aging | LP-463LB-12-01 Method A |
| Odor | FLTM BO 131-03; SAE J1351 |
| Pilling & Lint Pick-Up | ASTM D3512; ASTM D4970; GMW 3347 |
| Seam Slippage | ASTM D434-95 (<i>withdrawn 2004</i>) ² |
| Tear Strength/Resistance | ASTM D5587; ASTM D2261; ASTM D5587; GMW3326; HES D6506 5.6; ISO 13937-2; 8320Z-SW5-9000 5.6; TSL3610G Sec. 7.4; |
| Tensile/Elongation | 8320Z-SW5-9000 5.4; ASTM D5034; ASTM D5035; FLTM BN 117-03; GMW3010; HES D6506 5.4, 5.5; ISO 13934-1; TSL3610G Sec. 7.3.1 |
| Thickness | ASTM D1777; HES D6506 Sec. 5.2; ISO 5084; SAE J882 |
| Water Spotting | GMW 14102 |
| Water Resistance | AATCC 22; AATCC 42; AATCC 127 |
| Weathering/Lightfastness (Xenon) | AATCC 16.3; FLTM BO 116-01; GMW14162; GMW3414; HES D6601; ISO 105-B06; SAE J1885 (<i>withdrawn 2005</i>) ² ; SAE J2412 |
| Weight/ Mass | 8320Z-SW5-9000 5.3; ASTM D3776; FLTM BN 106-01; GMW3182; HES D6506 5.3; SAE J860; TSL3610G Sec. 7.2 |
| Wicking | GM2746M-02 (Sec. 3.2.13) ^{2,3} ; SAE J913 |
| Width | ASTM D3774 |

Tests

Test Method(s)¹

Yarn Count

ASTM D3775, ASTM D3887 (Sec. 12); GMW 4090;
HES D6506 5.1

¹ When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA R101 - General Requirements- Accreditation of ISO-IEC 17025 Laboratories.

² 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.

³ The laboratory is only accredited for the test methods listed above. The accredited test methods are used in determining compliance with the material specifications listed below. The inclusion of these material specifications on this Scope does not confer laboratory accreditation to the material specifications nor does it confer accreditation for the methods embedded within the specifications.

Customer Specific Material Specifications:

FCA/DCX: MS-JE-5000

Ford: WSS-M5H19-A;

General Motors: WSS-M8P27-B1; WSS-M8P30-A1; GM2746M; GMW14231

Honda: 0096Z-TGV-0000 ; 0096Z-TGV-9000 ; 8320Z-SW5-9000;

Tesla: TM-6003

Toyota: TSL3610G





Accredited Laboratory

A2LA has accredited

SHAWMUT PARK AVENUE

Glen Raven, NC

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 15th day of January 2021.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1812.01
Valid to November 30, 2022

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