



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SHAWMUT PARK AVENUE, LLC
Physical Testing Lab
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MECHANICAL

Valid To: November 30, 2026

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)</u>
Abrasion Resistance	ASTM D3884; ASTM D4966; FLTM BN 108-02; FLTM BN 158-01; GMW3208; HES D6506 Sec. 5.10; ISO 12947-2; SAE J948; TSL3610G Sec. 7.10
Aging	GMW14124 Cycles H, M, P, Q, S, T; LP-463LB-13-01; LP-463LB-12-01; TSL3610G Sec 7.6, 7.7; TP-0000706; HES D6506 Sec 5.27; 8320Z-SW5-9000 Sec 5.14 and 5.15; WSS-M8P27-B1 Sec 3.11.2; TS343-08-009 Sec 6.19
Bleeding, Perspiration	AATCC 15; ISO 105-E04; FLTM AN 101-01
Bond Strength	8320Z-SW5-9000 5.16; LP-463LB-10-01; ASTM D751(50-53); DIN 53-357; FLTM BN 151-05; GMW3220; HES D6506 5.24; ISO 11339; TSL3610G Sec 7.5
Cleanability & Soiling	FLTM BN 112-08; GMW3402; 8320Z-SW5-9000 Sec 5.12; TP-0000703 Method A
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

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Tests**Test Method(s)**

Conditioning of Textiles	ASTM D1776/D1776M; GMW 3221
Curl Measurement	GMW4089; WSS M8P3-E1-E2-E3 Sec 3.28
Dimensional Change / Stability	AATCC 135; GMW4217; HES D6506 Sec 5.12, 5.25, 5.26; SAE J883
Colorfastness to Water/Dye Migration	AATCC 107; ISO 105-E01; GMW 14141
Flammability	ASTM D6413/D6413M; FMVSS 49 CFR 571 302; GMW3232; TSM0500G; HES D6003; ISO 3795; SAE J369
Pilling & Lint Pick-Up	ASTM D3512; ASTM D4970/D4970M; GMW 3347; ISO 12945-1,-2
Seam Slippage	ASTM D434-95 (2004)
Stretch and Set	GMW3211; SAE J855; DIN EN 15977
Tear Strength/Resistance	ASTM D1424; ASTM D2261; ASTM D5587; ISO 6383-1; GMW3326; HES D6506 Sec 5.6; ISO 13937-2; 8320Z-SW5-9000 Sec 5.6; NES M0154 Sec 14; TS 343-08-009 Sec 6.4; TSL3610G Sec. 7.4
Tensile/Elongation	8320Z-SW5-9000 Sec 5.4; ASTM D5034; ASTM D5035; FLTM BN 117-03; GMW3010; HES D6506 Sec 5.4, 5.5; ISO 13934-1; TS 343-08-009 Sec 6.3; NES M0154 Sec 13; TSL3610G Sec. 7.3.1
Thickness	ASTM D1777; HES D6506 Sec. 5.2; TSL3610G Sec 7.1; TS 343-08-009 Sec 6.2; ISO 5084; SAE J882
Water Resistance	AATCC 22; AATCC 42; AATCC 127; ISO 4920; NES M0154 Sec 34.2; GMW 14102
Weathering/Lightfastness (Xenon)	AATCC 16.3; FLTM BO 116-01; GMW14162; HES D6601; ISO 105-B06; TP-0000701; TSL3610G Sec 7.8 Method B; NES M0154 Sec 31 (except 31.3); SAE J2412
Weight/ Mass	8320Z-SW5-9000 Sec 5.3; ASTM D3776/D3776M;

Tests

Test Method(s)

FLTM BN 106-01; GMW3182; HES D6506 Sec 5.3;
SAE J860; TS 343-08-009 Sec 6.1; NES M0154 Sec 8;
TSL3610G Sec. 7.2

Width

ASTM D3774

Yarn Count

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



Accredited Laboratory

A2LA has accredited

SHAWMUT PARK AVENUE, LLC

Burlington, 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 11th day of November 2024.

A blue ink signature of Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1812.01
Valid to November 30, 2026

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