



Date of Issue: 3/13/2024
Report Number: 24-000547
Revision Number: 1
Date Order Received: 03/05/2024

For the Account of: Pallas Textiles
1330 Bellevue St
Green Bay, WI 54302

Client's Identification: LLYR

CERTIFICATE OF TESTING

TEST PERFORMED: California Technical Bulletin 117: June 2013 – Requirements, Test Procedure and Apparatus for Testing the Smolder Resistance of Materials Used in Upholstered Furniture – Cover Fabric Test

TEST RESULTS

	Specimen	Char Length (in)	Extinguished in 45 Minutes
Initial Test	1	0.6	Y
	2	0.7	Y
	3	0.7	Y

NOTES

Test Conditions: 70 ±5°F, 50 ±5% Relative Humidity

ACCEPTANCE CRITERIA

A material is considered to pass or fail based on the following criteria:

- A single mock-up test specimen fails to meet the requirements of this test procedure if any of the following criteria occurs:
 - The mock-up test specimen continues to smolder after the 45 minute test duration
 - A vertical char length of more than 1.8 inches (45mm) develops on the cover fabric
 - The mock-up test specimen transitions to open flaming
- The cover fabric passes the test if three initial mock-up specimens pass the test, i.e. the cigarettes burn their full length and are no longer smoldering
- If more than one initial specimen fails, the cover fabric fails the test
- If any one of the three initial specimens fails, repeat the test on additional three specimens
- If all three additional specimens pass the test, the cover fabric passes the test. If any one of the additional three specimens fails, the cover fabric fails the test

Legend:

SE: Self-extinguished

OBV: Obvious ignition of substrate

CONCLUSION Based on the above Results and Acceptance Criteria, the item tested is:

☒ Pass

☐ Fail

CERTIFICATION I certify that the above results were obtained after testing specimen in accordance with the procedures and equipment specified by the standard stated above.

Authorized Signature

Date Order Completed: 03/13/2024

For the Account of: Pallas Textiles
1330 Bellevue St
Green Bay, WI 54302

Client's Identification: LLYR

CERTIFICATE OF TESTING

TEST PERFORMED: NFPA 260 Standard Methods of Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture – 2013; Fabric Cover Test and UFAC Fabric Classification Test Method – 1990; Standard Test Methods for Cigarette Ignition Resistance of Components of Upholstered Furniture ASTM E 1353-16 – Cover Fabric Test

TEST RESULTS

Specimen	Char Length (in)
1	0.5
2	0.4
3	0.4

NOTES

Test Conditions: 70 ±4°F, 65 ±5% Relative Humidity

ACCEPTANCE CRITERIA

1. If the test specimen has no ignition, or if no individual specimen yields a vertical char of 45 mm (1.75 in; ASTM states 1.8 in.) or less, the fabric is classified a Class I cover fabric.
2. If the vertical char of the test specimen greater than 45 mm (1.75 in.; ASTM states 1.8 in), the fabric is classified a Class II cover fabric.
3. If an obvious ignition of the polyurethane substrate occurs on the test assembly, the fabric is classified a Class II cover fabric.

CONCLUSION Based on the above Results and Acceptance Criteria, the item tested is:

- ☒ Class I
☐ Class II

CERTIFICATION I certify that the above results were obtained after testing specimen in accordance with the procedures and equipment specified by the standard stated above.



Authorized Signature

Date Order Completed: 03/13/2024

For the Account of: Pallas Textiles
1330 Bellevue St
Green Bay, WI 54302

Client's Identification: LLYR

CERTIFICATE OF TESTING

TEST PERFORMED: Resistance to Slippage of Yarns in Woven Fabrics Using a Standard Seam ASTM D4034-92

TEST RESULTS

Specimen	Warp Yarn Slippage (lbf)	Type of Failure	Specimen	Fill Yarn Slippage (lbf)	Type of Failure
1	110.0	FB	1	81.8	SB
2	111.0	FB	2	65.7	SB
3	122.0	SB	3	77.9	SB
4	126.0	SB	4	67.2	SB
5	113.0	FB	5	77.1	SB
Avg. Warp	116.5		Avg. Fill	74.0	

ABBREVIATIONS USED

SB Seam broke before 1/4" slippage - Results should reflect this
SS 1/4" slippage occurred - Note: Actual slippage of yarns is visible
FB Fabric broke before 1/4" slippage - Note: Actual breakage is visible

NOTES

Equipment Used: Tinius Olson H5KT Universal Testing Machine

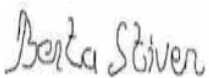
Seam Description:

Seam Type	Standard Lockstitch
Stitches per Inch	7 ± 0.5 stitches per inch
Needle Used	Size 22 NM: 140, 135x17 ball point needle
Thread	Nymo EX Bonded Nylon thread; 5x is used for the bobbin and 8x is used for the needle

ACCEPTANCE CRITERIA

A.C.T. Standard	Acceptance Criteria
Upholstery	25 lbs. Minimum

CERTIFICATION I certify that the above results were obtained after testing specimen in accordance with the procedures and equipment specified by the standard stated above.



Authorized Signature

Date Order Completed: 03/08/2024