# applied lab



Date of Issue: 8/7/2020 Report Number: 20-002518 Revision Number:1 Date Order Received: 08/04/2020

For the Account of:

Vescom, B.V. Sint Jozestraat 20 5753 Av Duerne

Client's Identification:

## Harding

### **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	117.0	SB	1	78.7	FB
2	107.0	SB	2	72.5	SB
3	114.0	SB	3	93.2	SB
4	116.0	SB	4	86.6	SB
5	118.0	SB	5	80.2	SB
Avg. Warp	114.5		Avg. Fill	82.0	

#### 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	$7 \pm 0.5$ 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.

Barta Stiver

Authorized Signature

Date Order Completed: 08/06/2020

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This laboratory test is not intended to reflect fabric performance under actual conditions. The certification procedure merely measures the performance of samples under the predetermined and specific test conditions prescribed by the standard specified. This certificate applies only to the standards or processing identified and to the random sample(s) tested. The test results are representative of the qualities of the piece or lot only to the standards or processing identified and to the random sample(s) tested. The test results are representative of the qualities of the piece or lot only to the standards or processing identified and to the random sample(s) tested. The test results are representative of the qualities of the piece or lot only to the standard specific test.

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