

For the Account of: Vescom America Inc.  
2289 Ross Mill Road  
Henderson, NC 272537

Client's Identification: Wolin 7050

## 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	85.4	SS	1	75.7	SS
2	87.0	SS	2	78.5	SS
3	85.5	SS	3	75.2	SS
4	77.8	SS	4	107.3	SS
5	74.8	SS	5	70.3	SS
<b>Avg. Warp</b>	82.0		<b>Avg. Fill</b>	81.5	

### 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:

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

### ACCEPTANCE CRITERIA

<b>A.C.T. Standard</b>	<b>Acceptance Criteria</b>
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: 05/22/2017