



For the Account of: Gabriel A/S
 Hjulmagervej 55
 9000 Aalborg Denmark

Client's Identification: Renewed Loop c63131

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	152.0	SB	1	139.0	SS
2	156.0	SB	2	120.0	SS
3	147.0	SB	3	115.0	SS
4	158.0	SB	4	99.1	SS
5	156.0	SB	5	123.0	SS
Avg. Warp	154.0		Avg. Fill	119.0	

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.

Jillian Matice
Jillian Matice

Authorized Signature

Date Order Completed: 02/23/2023