applied lab

ACCREDITED
CERT #3193.01

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

Client's Identification:
Parcel Loop col 1201

BLIND DYE WASHING

CERTIFICATE OF TESTING

TEST PERFORMED: Resistance to Slippage of Yarns in Woven Fabrics Using a Standard Seam ASTM D 4034-92

TEST RESULTS

Specimen	Warp Yarn Slippage (lbf)	Type of Failure	Specimen	Fill Yarn Slippage (lbf)	Type of Failure
1	95.8	SB	1	82.3	SB
2	101.0	SB	2	84.8	SB
3	101.0	SB	3	89.5	SB
4	100.0	SB	4	101.0	SB
5	108.0	SB	5	94.9	SB
Avg. Warp	101.0		Avg. Fill	90.5	

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:

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.

Berta Stiver

Authorized Signature

Date Order Completed: 06/02/2023