Report Number: 17-002155
TESTING CERT. \#3193.01
Date Order Received: 07/13/2017
For the Account of:
Vescom BV
Sind Jozefstraat 20
NL-5753 AV Deurne

## 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 <br> Slippage (bf) | Type of Failure | Specimen | Fill Yarn <br> Slippage (lbs) | Type of Failure |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{1}$ | 79.7 | SB | $\mathbf{1}$ | 89.2 | SB |
| $\mathbf{2}$ | 82.4 | SB | $\mathbf{2}$ | 95.4 | SB |
| $\mathbf{3}$ | 80.0 | SB | $\mathbf{3}$ | 94.4 | SB |
| $\mathbf{4}$ | 88.6 | SB | $\mathbf{4}$ | 85.1 | SB |
| $\mathbf{5}$ | 84.6 | SB | $\mathbf{5}$ | 90.5 | SB |
| Avg. Warp | 83.0 |  | Avg. Fill | 91.0 |  |

## 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: $140,135 \times 17$ ball point needle |
| Thread | Nymo EX Bonded Nylon thread; $5 x$ is used for the bobbin and $8 x$ 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.


