

TEST REPORT

Client: Steven Hargreaves Textile Group Ltd
Overbrook House
14 Brookes Lane
Whalley
Lancashire
BB7 9RG

Entry No: 73830

Date received: 18/02/2016

Client's Description: Sample of fabric: Marlow Stripe Mattress Ticking, Colour Black / Red / Cream, Twill Weave, 100% Cotton

Test Required: Tensile Strength, Tear Resistance, Colour Fastness to Perspiration and Colour Fastness to Rubbing in accordance with BS EN 14976: 2005 and Mass

Conditioning: In accordance with BS EN ISO 139: 2005 for a minimum of 24 hours at 65+/-4%, Relative Humidity, 20+/-2°C

Date Tests Completed: 08/03/2016

Tensile Strength: BS EN ISO 13934-1: 1999

Warp Way	1100 N
Weft Way	410 N

Comments

When compared with BS EN 14976: 2005 this sample of fabric satisfies the Tensile requirements (min 350N).

Tear Resistance: BS EN ISO 13937-2: 2000

Torn across Warp	36 N
Torn across Weft	34 N

Comments

When compared with BS EN 14976: 2005 this sample of fabric satisfies the Tear requirements (min 15N).

-----End of Page-----

This is hereby certified to be a correct return of the tests made of the items referred to herein

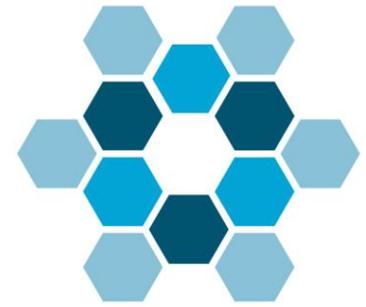


Vivienne Brockbank
Senior Technician
08 March 2016

- ❖ Unless instructed otherwise by the client sample remnants will be disposed of after 28 days.
 - ❖ Tests marked ^N in this certificate are not included in the UKAS Accreditation Schedule for this Laboratory.
 - ❖ Tests marked ^F in this certificate are performed under the Laboratory's Flexible Scope of Accreditation.
 - ❖ Tests marked ^S in this certificate have been subcontracted to another ISO17025 Accredited Laboratory.
 - ❖ Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
 - ❖ Uncertainty budgets for test methods contained within this report are available on request.
- This Certificate relates only to the sample received and, unless that sample has been drawn by the staff of this laboratory, or its agent, and endorsed accordingly, any application of the result to a bulk quantity or other material is entirely the responsibility of the client.



1104



Client: Steven Hargreaves Textile Group Ltd

Entry No: 73830

Colour Fastness to Perspiration: BS EN ISO 105–E04:1994

Staining on:	Acid (red/cream)	Acid (black/cream)	Alkali (red/cream)	Alkali (black/cream)
Acetate	5	5	5	5
Cotton	5	5	4-5	4-5
Nylon 6.6	5	4-5	5	4-5
Polyester	5	5	5	5
Acrylic	5	5	5	5
Wool	5	5	5	5
Change in Colour	5	5	5	5

Comments

When compared with BS EN 14976: 2005 this sample of fabric satisfies the Colour Fastness to Perspiration requirements (acid min 3-4, alkali min 3-4).

Colour Fastness to Rubbing: BS EN ISO 105–X12:2001

	<u>Dry</u>	<u>Wet</u>
Warp way red/cream	5	3-4
Warp way black/cream	5	3-4
Weft way	5	4

Comments

When compared with BS EN 14976: 2005 this sample of fabric satisfies the Colour Fastness to Rubbing requirements (dry min 4, wet min 3-4)

Mass: BS EN 12127:1998

212g/m²

-----End of Document-----