



## TEST REPORT

**Client:** Gabriel  
Hjulgagervej 55  
Postbox 59  
DK-9100 Aalborg  
Denmark

**Entry No:** 93334-03

**Date received:** 13/12/2017

**Client's Description:** Sample of fabric: Harlequin 60126 Grey

**Test Required:** Abrasion and Pilling in accordance with BS EN 14465

**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:** 26/01/2018

**Abrasion Resistance:** BS EN ISO 12947-2: 1998 / AC 2008 according to BS EN 14465: 2003

The tests were carried out using a pressure of 12 +/- 0.3 kPa  
The criterion for judging end point was complete breakdown of outer surface at client's request

The Test was terminated after **100,000 rubs** without an end point having been reached.

Change in colour after 3,000 rubs:	<b>4</b>
Observation Technique:	10 fold magnification
Type of Fabric:	3D-knitted

**Pilling:** BS EN ISO 12945-2: 2000 Load 415g

	<u>Rating</u>
After 2,000 rubs	<b>5</b>
After 5,000 rubs	<b>5</b>

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

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



Vivienne Brockbank  
Technician  
28 January 2018

- ❖ Unless instructed otherwise by the client sample remnants will be disposed of after 28 days.
  - ❖ Tests marked <sup>N</sup> in this certificate are not included in the UKAS Accreditation Schedule for this Laboratory.
  - ❖ Tests marked <sup>F</sup> in this certificate are performed under the Laboratory's Flexible Scope of Accreditation.
  - ❖ Tests marked <sup>S</sup> 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.



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