



TEST REPORT

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

Entry No: 78453

Date received: 30/08/2016

Client's Description: Sample of fabric: Art. Rhythm 66152

Test Required: Abrasion 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: 05/09/2016

Abrasion Resistance: BS EN ISO 12947-2: 1998 (tested on face side)

The tests were carried out using a pressure of 12 +/- 0.3 kPa
The criterion for judging end point was hole formation in top layer / breakdown of outer surface

Specimen 1	80,000 rubs
Specimen 2	80,000 rubs
Specimen 3	80,000 rubs
Specimen 4	80,000 rubs
Overall Result	80,000 rubs

Change in colour after 3,000 rubs: **4-5**

Observation Technique: 10 fold magnification
Type of Fabric: 3D-Knitted

-----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
06 September 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: Gabriel

Entry No: 78453

Abrasion Resistance: BS EN ISO 12947-2: 1998 (tested on reverse side)

The tests were carried out using a pressure of 12 +/- 0.3 kPa

The criterion for judging end point was hole formation in top layer / breakdown of outer surface

Specimen 1	35,000 rubs
Specimen 2	40,000 rubs
Specimen 3	45,000 rubs
Specimen 4	45,000 rubs
Overall Result	35,000 rubs

Change in colour after 3,000 rubs: **4**

Observation Technique: 10 fold magnification

Type of Fabric: 3D-Knitted

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