



## Confidential Report

Our Ref: 29/03520F/01/25



Date: 14 February 2025

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**Client:** **Kvadrat A/S**Lundbergsvej 10  
8400 Ebeltoft  
Denmark**Job Title:** Seam Slippage Test On One Sample of Fabric**Clients Order Ref:** --**Date of Receipt:** 24 January 2025**Description of Sample:** One sample of fabric, referenced; Firo, Stated to be: 80% new wool, 16% polyester, 4% nylon.**Work Requested:** We were asked to make the following test(s):

BS EN ISO 13936-2: 2004

- \* subcontracted test, UKAS accredited
- \*\* subcontracted test, EN ISO/IEC 17025 accredited
- \*\*\* not UKAS accredited

Note: This report relates only to the items tested.



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Client: **Kvadrat A/S**

**Determination of the Slippage Resistance of Yarns at a Seam in Woven Fabric –  
 BS EN ISO 13936-2: 2004 (2017) – 180N maximum force applied to specimens**

Date of test: 04/02/2025

**Conditioning**

Unless otherwise specified the sample has been conditioned and tested, where appropriate, in the standard atmosphere for conditioning and testing textiles (BS EN ISO 139:2005 + A1:2011) of 65±4% r.h. and 20±2°C.

**Results**

180N maximum force applied to specimens, fabric breakdown (FB) or seam breakdown (SB) is recorded as a failure.

Direction	Spec No.	Seam Opening (mm)	Fabric / Seam Breakdown (N)	Direction	Spec No.	Seam Opening (mm)	Fabric / Seam Breakdown (N)
<b>Warp way seam (Warp slippage)</b>	1	5.0	No	<b>Weft way seam (Weft slippage)</b>	1	7.0	No
	2	4.0	No		2	6.0	No
	3	5.0	No		3	7.0	No
	4	6.0	No		4	6.0	No
	5	5.0	No		5	6.0	No
	<b>Mean</b>	<b>5.0</b>			<b>Mean</b>	<b>6.0</b>	



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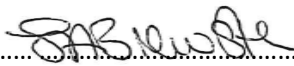
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Where required to make a judgement to any pass/fail criteria an estimation of uncertainty of measurement has been taken into account. Under our Policy we have used a non-binary decision rule.

See our decision rules Policy (<https://www.bttg.co.uk/about-us/decision-rules-policy/>) for further information.

Reported by:.......... K Marshall, Section LeaderCountersigned by:.......... J Brewster, Section Leader

Enquiries concerning this report should be addressed to Customer Services.



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### Uncertainty Budget

The overall uncertainty budget for BS EN ISO 13936-2 is as follows:-

Overall uncertainty  $\pm 4.7\%$



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