



Confidential Report

Our Ref: 24/02441A/07/17



TESTING • CERTIFICATION • AUDITING

Wira House, West Park Ring Road, Leeds, LS16 6QL, UK.

Telephone: +44 (0) 113 259 1999

Email: info@bttg.co.uk

Website: www.bttg.co.uk

Date: 10 July 2017

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Your Ref:

Page: 1 of 2

Client: XM Textiles
Darius ir Gireno 42A
Office 510
Vinius
LT-02189
Lituania

Job Title: Point to Point Resistance Test on One Sample of Fabric

Client's Order No: ---

Date of Receipt: 29 June 2017

Description of Sample(s): One Sample of fabric
Product: 65% Polyester, 33% Cotton, 2% Antistatic, 180gsm, Plain 1/1
Code: 65C/33P/2AS-180
Article: CleanStatic-180
Colour: White
Part Number: XMT-17-55
Roll Number: Sample Roll #1

Work Requested: We were asked to make the following test(s):

BS EN 61340-5-1:2007

* subcontracted test, UKAS accredited

** subcontracted test, EN ISO/IEC 17025 accredited

*** not UKAS accredited



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Determination of Point to Point Surface Resistance (***)

The sample was conditioned and tested at $23 \pm 3^\circ\text{C}$ and both $12 \pm 3\% \text{rh}$ and $50 \pm 5\% \text{rh}$

Surface resistance (point-to-point) was measured in accordance with the procedures specified in ANSI/ESD STM 2.1. The electrodes used to measure point-to-point surface resistance were the 2.5 inch diameter, 5 lb mass electrodes specified in NFPA 99:1996.

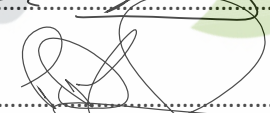
Surface Resistance (Point-to-Point) Ω

	12% rh	50% rh
	2.9×10^6	1.0×10^6
	2.4×10^6	1.3×10^6
	2.1×10^6	9.4×10^5
	2.0×10^6	1.2×10^6
	2.2×10^6	1.0×10^6
Mean:	2.3×10^6	1.1×10^6

Note

The requirement specified in Table 3 of BS EN 61340-5-1:2007 for garments is that the point to point resistance shall be $<1 \times 10^{12} \Omega$. The results indicate that the fabric tested meets the requirements.

Reported by:  K Pillinger, Laboratory Technician

Countersigned by:  P Doherty, Operational Head

Enquiries concerning this report should be addressed to Customer Services.