



**FIRE  
TECHNOLOGY  
SERVICES**

BTTG Ref. No: **30/06347/B**

## Certificate of Test

We hereby declare that the fabric described below has been tested by BTTG Fire Technology Services according to EN ISO 11612: 2008 clauses 6.2.1, 6.3.2, 6.3.3, 6.4, 6.5.1, 6.5.2, 6.9.2, 7.2, 7.3, 7.5 and 7.6 and achieved the following results:

Clause 6.2.1 Heat resistance (at 180°C)	PASS
Clause 6.3.2 Limited flame spread – Face ignition	PASS A1
Clause 6.3.3 Limited flame spread – Edge ignition	PASS A2
Clause 6.4 Dimensional change due to cleaning	PASS
Clause 6.5.1 Tensile strength	PASS
Clause 6.5.2 Tear strength	PASS
Clause 6.9.2 pH value	PASS
Clause 7.2 Convective heat	LEVEL B1
Clause 7.3 Radiant heat	LEVEL C1
Clause 7.5 Molten iron splash	LEVEL E1
Clause 7.6 Contact heat	LEVEL F1

Pre-treatment: Prior to all tests (except 6.9.2) five wash/dry cycles according to ISO 6330: 2000 Procedure 2A (60°C) with tumble drying (Procedure E).

The full details of the test(s) and the result(s) are given in our report Ref. 30/06347/3 (dated 7 September 2012)

We hereby declare that the fabric described below has been tested by BTTG Electrostatics according to EN 1149-3: 2004 Method 2 Induction decay and achieved the following results:

Shielding Factor (S) = 0.78 Half Decay Time ( $t_{50}$ ) = <0.01s	EN 1149-5: 2008 PASS
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Pre-treatment: Five wash/dry cycles according to ISO 6330: 2000 Procedure 6A (40°C) with tumble drying (Procedure E).

The full details of the test(s) and the result(s) are given in BTTG Electrostatics report Ref. 2401420/6/12 (dated 12 July 2012).

Description of sample tested:

Red woven fabric, referenced:

Code: 88C/11N/1AS-260FR-S-TF-AP

Article: VOLCANO

Composition: 88% Cotton/12% Nylon 260gsm Satin 4/1 FR, Oilproof, Antistatic grid

Sample submitted by:

XM Textiles

Room 2201-2202

Wisdom Cube Plaza

No.18 Shunyi Road

Shanghai, China

Certificate Authorised by: *P. M. Collinson*

P M Collinson  
Laboratory Technician

and: *P. M. Eaton*

P M Eaton  
Operational Head



1066

Date: ..... 7. September 2012 .....



The declaration in this test certificate applies to the actual sample tested and to the specified tests carried out as detailed in the referenced report(s) detailed above.

BTTG Testing & Certification Ltd. Registered Office: Unit 14, Wheel Forge Way, Ashburton Road West, Trafford Park, Manchester. M17 1EH. United Kingdom. Registered in England No. 4669650  
Tel: +44 (0)161 873 6543 Fax: +44 (0)161 848 7378 e-mail: info@bttg.co.uk