

## Fire Test Certificate – Specimen

**Fabric:** Muslin 12.0  
**Type:** BS5867 Part 2 Type B

**J&C Joel**   
the inspiration behind the performance



## Confidential Report

**Our Ref: 23/62408A/09/24**



1066

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Website: [www.bttg.co.uk](http://www.bttg.co.uk)

Date: 23 September 2024  
Our Ref: 23/62408A/09/24  
Your Ref: 76641  
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**Client:** J. & C. Joel Ltd  
Corporation Mill  
Corporation Street  
Sowerby Bridge  
Halifax  
HX6 2QQ

**Job Title:** Fire Test on One Fabric Sample

**Clients Order Ref:** 76641

**Date of Receipt:** 13 September 2024

**Date Test Started:** 20 September 2024

**Description of Sample:** One sample of fabric, which was referenced by the client as;  
Muslin 100% Cotton.

**Work Requested:** We were asked to make the following fire test:  
BS 5867: Part 2:Type B:2008 (2015)

\* 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:** J. & C. Joel Ltd

**BS 5867: Part 2: 2008 (2015): Type B Curtains, Drapes and Blinds**

## Pre-treatment

The sample is inherently flame retardant, therefore, the sample was not subjected to the water soaking procedure.

## Conditioning

The test specimens were conditioned for at least 24 hours in the standard atmosphere of  $65 \pm 5$  % relative humidity (R.H.) and  $20 \pm 2$  °C.

## Testing

Three specimens from both length and width were tested in accordance with BS EN ISO 15025: Procedure A (surface ignition):2002.

Each specimen was subjected to an applied flame using propane and a 15 second flame application time. The results obtained (shown in the table below) were assessed according to the requirements of BS 5867: Part 2:Type B:2008 (2015).



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**Client:** J. & C. Joel Ltd

**Results -**

| Specimen No.             | Length |    |    | Width |    |    |
|--------------------------|--------|----|----|-------|----|----|
|                          | 1      | 2  | 3  | 4     | 5  | 6  |
| Flame reached an edge    | No     | No | No | No    | No | No |
| Hole reached an edge     | No     | No | No | No    | No | No |
| Flaming debris separated | No     | No | No | No    | No | No |
| Afterflame (s)           | 0      | 0  | 0  | 0     | 0  | 0  |
| Afterglow (s)            | 0      | 0  | 0  | 0     | 0  | 0  |

Requirements - Any “Yes” means fail except if only one specimen fails a further 6 specimens are tested, if the second 6 specimens all pass the result is a pass.

**Result: Pass**

**Comment**

The fabric meets the Type B performance requirements of BS 5867: Part 2: 2008.

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.



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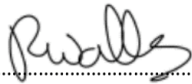
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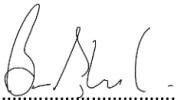
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## Uncertainty Budget

**Type B** –  $\pm 1$  seconds for after flame time and afterglow time.

For the remaining criteria, measurements are not taken and pass/fail is related to flame extremities and flaming debris, as such any risk of false acceptance/false rejection is inherent with this standard and would be outside of 95% probability in any case. As such UoM is Zero providing all input parameters are correct.

Reported by:  R Walls, Laboratory Technician

Countersigned by:  B Bland, Technical Customer Service Officer

Enquiries concerning this report should be addressed to Customer Services.



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