



# Confidential Report

Our Ref: 23/61719A/01/24





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Date: 29 January 2024

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Your Ref: ---

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**Client:** Custom Covers ( 1984 ) Ltd

Quayside Road  
Bitterne Manor  
Southampton  
SO18 1AD

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

**Clients Order Ref:** --

**Date of Receipt:** 22 January 2024

**Date Test Started:** 29 January 2024

**Description of Sample:** One sample of material, which was referenced by the client as;  
T11242 ZWD166 Black

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

### Conditioning

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

### Testing as received

Three specimens from both length and width were tested in accordance with BS EN ISO 15025:Procedure A (surface ignition):2002. The sample was tested at 21°C and 66% relative humidity.

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).

### Pre-treatment

If the fabric is a pass in the `as received` condition then the fabric is subjected a water soak and drying procedure as specified in BS EN 1021-1 & 2:Annex D:2006.

### Testing after pre-treatment

Three specimens, after pre-treatment, from both length and width were tested following the procedure described above.



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## Results - Testing as Received:

	Length			Width		
Specimen No.	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 in 'as received': Pass

## Results - Testing after pre-treatment:

	Length			Width		
Specimen No.	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 in 'after pre-treatment': Pass





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## Comment

The fabric meets the Type B performance requirements of BS 5867: Part 2: Type B:2008 (2015).

This material should be identified with the manufacturers name, trademark or other identifying mark, the statement 'Flammability complies with the requirements of BS 5867: Part 2:Type B and instructions of any special precautions to be taken concerning care (including cleansing) of the curtain, drape or window blind to be manufactured from the fabric, preferably using an appropriate care labelling symbol in accordance with BS EN 23758 and taking account of the pre-treatment using in this test and the requirements of Clause 4 of BS 5867:Part 2:2008 (2015). If the fabric is unsuitable for cleansing, this shall be stated.

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.

## Uncertainty Budget

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.

There is no uncertainty budget associated with BS 5867:Part 2:Type B as no measurements are determined , the pass/fail criteria is assessed visually.

Reported by:  R Greasley, Laboratory Technician

Countersigned by:  B Bland, Technical Customer Service Officer

Enquiries concerning this report should be addressed to Customer Services.



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