# FILLED CLOTH

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J&C Joel™

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## TECHNICAL

NDFR
**Non Durably Flame Retardant**
chemically treated with a water solution and if wetted in any way should be retreated

DFR
**Durably Flame Retardant**
chemically treated to withstand a number of cleanings

IFR
**Inherently Flame Retardant**
woven from fibres with a high flame retardancy

FR
**Flame Retardant**
chemically treated to an individual specification

NOT FR
**Not Flame Retardant** no flame retardant treatment

Confirmation that the fabric meets one or more flame retardant standards

**BS5867** BS5867 Pt2 B is the British Standard for flame retardant fabrics used for curtains and drapes

**BS5852** BS5852 Pt1 is the British Standard for flammability of upholstered composites for seating

**BS4790** BS4790: 1987 Determination of the effects of a small source of ignition on textile floor coverings hot metal nut method (method 1, loose laid)

**EN13773: 2003** Meets European fire safety standards for vertically hung fabrics. Burning behavior, ignitability testing of curtain fabric for use in the contract market.

**TL 1080-0002/8** German Military Specification for horizontally tested materials

**EN14041** Details the requirement for CE Marking of textiles, laminate and resilient floor coverings

**BS7905-1:2001** Lifting equipment for performance, broadcast and similar applications.

## ATTRIBUTES

Approx roll length of material in linear metres (m) & feet (ft)

Approx width of material in centimetres (cm) & inches (")

Approx weight in grams per metre squared ($g/m^2$)

Approx thickness in (mm)

**M1, M2, M4** Conforms to French Fire Regulations

**B1, B2** Conforms to German Fire Regulations DIN 4102

**IMO** Conforms to International Maritime Organisation regulations

**Classe Uno** Meets Italian Fire Regulations

**BS EN13501-1** Fire Classification of construction, products and building elements. Classification using test data from reaction to fire tests

**CFC EN ISO 9239-1** Reaction to fire test. Horizontal surface spread of flame on floor covering system. Determination of the burning behaviour using a retardant heat source

**NFPA 701** NFPA 701: (USA) Standard Methods of Fire Tests for Flame Propagation of Textiles and Films

**EN9239-1** Reaction to fire tests – horizontal surface spread of flame on floor covering systems

**DIN EN1021** Meets European fire safety standards for exposure to different ignition sources, namely a lit cigarette and butane flame. Assessment of the ignitability of upholstered furniture


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# Datasheet - Fabrics and Flooring

## Filled Cloth

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To ensure you get the best from the product supplied to you, we advise you follow the care instructions within this datasheet.

| | | |
|---|---|---|
| **Fabric** | **Flame Retardancy** | NDFR |
| | **Fire Certification** | BS5867 |
| | **Brand Name (and Manufacturer)** | J&C Joel Ltd. |
| | **Material (Blending Ratio)** | 100% Cotton |
| | **Construction of Fabric** | Lace Knit |
| **Chemicals** | **Surface Treatments** | Bleached, Dyed & Flameproofed |
| | **Brand Name of Flame Retardant Chemicals** | Thor |
| | **Chemical name of Flame Retardant Chemicals** | Aflammit KRE |
| | **Process of Flame Retardant Chemicals** | Immersion |
| **Care** | **Information** | Non-Durably Flame Retardant. This means the fabric is chemically treated and if wet (in any way) should be retreated to meet the flammability requirements of BS5867 Part 2 Type B. Therefore, the cloth will not withstand wet cleaning and should be re-flame proofed whenever wet. The cloth can be professionally dry cleaned using the correct chemical process.<br><br>Notwithstanding the aforementioned, it would be our advice to only dry clean this material periodically. We would suggest that the curtain be soft-brushed on a regular basis and periodically cleaned using a vacuum and drapery attachment. Commerical flame retardents may alter the aesthetics, appearance, colour or performance of the textile material.<br><br>This fabric is not pre-shrunk. |
| | **Laundering Treatment** | <br>Dry Clean Only · Do Not Wash · Do Not Bleach · Do Not Iron · Do Not Tumble Dry |
| **Notes** | | Widths Available: 320cm/126”, 580cm/228”, 710cm/279”, 914cm/360”, 1160cm/457” |

All details are accurate at the time of print but are subject to change.




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# Fire Test Certificate - Specimen

**Fabric: Filled Cloth**
**Type: BS5867 Part 2 Type B**

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Telephone: +44 (0) 113 259 1999
Email: info@bttg.co.uk
: www.bttg.co.uk

Date: 21 December 2021

Our Ref: 23/59183D/12/21
Your Ref: ---



**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: 65619

Date of Receipt: 9 December 2021

Date Test Started: 17 December 2021

Description of Sample: One sample of fabric, which was referenced by the client as;

Filled Cloth, stated to be: NDFR 100% Cotton

Work Requested: We were asked to make the following fire test:

BS 5867: Part 2:Type B:2008 (2015)

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

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Note: This report relates only to the samples submitted and as described in the report.

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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 was not subjected to any water soaking procedure.

### Conditioning

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

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### 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 butane 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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# Fire Test Certificate - Specimen

**Fabric: Filled Cloth**
**Type: BS5867 Part 2 Type B**

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Telephone: +44 (0) 113 259 1999
Email: info@bttg.co.uk
: www.bttg.co.uk

Date: 21 December 2021

Our Ref: 23/S91830/12/21
Your Ref: ---



**Client:** J & C Joel Ltd

## 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, it the second 6 specimens all pass the result is a pass.

**Result: Pass**

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## Comment

The fabric meets the Type B performance requirements of BS 5867: Part 2: 2008 – the fabric must be clearly labelled `If wetted in any way it is essential to re-treat the fabric to meet flammability requirements`.

The 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 used in this test and the requirements of Clause 4 of BS 5867: Part 2: 2008 (2011). If the fabric is unsuitable for cleansing, this shall be stated.

An estimation of uncertainty of measurement has been taken into account when making a judgment to any pass/fail criteria. Under our Policy we have used a non-binary decision rule.

See our Decision rules Policy (http://www.bttg.co.uk/decision-rules-policy) for further information.

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

## 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:..... B Bland, Technical Customer Services Officer

Countersigned by:..... P Doherty, Manager

Enquiries concerning this report should be addressed to Customer Services.

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