

# IFR Molton CS

Perfect for: Stage • Masking • Decorative/Scenic • Film & TV • Acoustics

**J&C Joel** ™  
Inspiration in every performance

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## Composition and Care

**300 cm** 3

## Fire Certificates

**BS5867 Part 2 Type B** 4

**EN13501-1** 8

## 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<sup>2</sup>)



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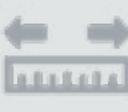
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To ensure you get the best from the product supplied to you, we advise you follow the care instructions within this datasheet.

<b>Fabric</b>	<b>Flame Retardancy</b>	IFR
	<b>Fire Certification</b>	BS5867 Part 2 Type B, EN13501-1
	<b>Brand Name (and Manufacturer)</b>	J&C Joel Ltd.
	<b>Material (Blending Ratio)</b>	100% Polyester
	<b>Construction of Fabric</b>	Dyed
<b>Chemicals</b>	<b>Surface Treatments</b>	N/A
	<b>Brand Name of Flame Retardant Chemicals</b>	N/A
	<b>Chemical name of Flame Retardant Chemicals</b>	N/A
	<b>Process of Flame Retardant Chemicals</b>	N/A
<b>Care</b>	<b>Information</b>	<p>Inherently Flame Retardant to BS5867 Part 2 Type B and EN13501-1. This means that the man-made fibres are flame retardant for life and if wet, would not need to be re-flameproofed. Therefore, the cloth will withstand wet cleaning but we would advise and suggest professional dry cleaning only, using the correct chemical process.</p> <p>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.</p> <p>This fabric is not pre-shrunk.</p>
	<b>Laundering Treatment</b>	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">               Dry Clean Only         </div> <div style="text-align: center;">               Do Not Wash         </div> <div style="text-align: center;">               Do Not Bleach         </div> <div style="text-align: center;">               Do Not Iron         </div> <div style="text-align: center;">               Do Not Tumble Dry         </div> </div>
<b>Notes</b>		

					
Fire Rating: IFR	Approx Roll Length: 60m / 197ft	Width: 300cm / 118"	Weight: 320 g/m <sup>2</sup>	Fire Certification: BS5867 Part 2 Type B, EN13501-1	Colour Available 2

# Fire Test Certificate - Specimen

Fabric: IFR Molton CS

Type: BS5867 Part 2 Type B

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Leeds, LS16 6QL, UK.  
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Email: [info@bttg.co.uk](mailto:info@bttg.co.uk)  
Website: [www.bttg.co.uk](http://www.bttg.co.uk)

Date: 15 August 2017  
Our Ref: 53651-5  
Your Ref: -  
Page: 1 of 4

Client: J. & C. Joel Limited  
Corporation Mill  
Corporation Street  
Sowerby Bridge  
Halifax  
HX6 2QQ

Job Title: Surface Ignition Of Curtains & Drapes

Client's Order No: -

Date of Receipt: 16 June 2017  
Date of Test Start: 29 June 2017

Description of Sample(s): One sample identified as follows was received for testing:  
IFR Molton, stated to be IFR

Work Requested: We were asked to make the following test:  
BS 5867: Part 2: 2008 (2015): Type B Curtains, Drapes and Blinds

SPECIMEN



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# Fire Test Certificate - Specimen

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Type: BS5867 Part 2 Type B

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TESTING • CERTIFICATION • AUDITING

J. & C. Joel Limited

Sample was identified as follows:

IFR Molton, stated to be IFR

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Page: 2 of 4

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

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 20 °C and 60 % relative humidity (R.H.).

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: 2008 (2015).

Pre-treatment

If the fabric is a pass in the "as received" condition then the fabric is subjected a water soak procedure as specified in BS EN 1021: Annex D: 2006.

Testing after pre-treatment

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

Test results relate only to the sample tested.

The results for all tests are given in the table(s) on the following page(s).

Reported by:   
J Coleman  
Fire Technician

Countersigned By:   
P Doherty  
Operational Head

Enquiries concerning this report should be addressed to Customer Services.



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# Fire Test Certificate - Specimen

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Type: BS5867 Part 2 Type B

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## RESULTS

Sample Ref: IFR Molton, stated to be IFR

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

#### Testing as Received

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

#### 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

#### Testing after pre-treatment

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

#### 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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Type: BS5867 Part 2 Type B

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### Conclusion

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

### Uncertainty Budget

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.

SPECIMEN



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## Fire Test Certificate - Specimen

Fabric: IFR Molton CS

Type: EN13501-1

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Fire Cert will be available at the end of January.  
Sorry for any inconvenience.



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