WADDING

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

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

Wadding

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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**	DFR
	Fire Certification	BS5867, BS5852
	Brand Name (and Manufacturer)	J&C Joel Ltd.
	Material (Blending Ratio)	100% Polyester
	Construction of Fabric	Non-Woven
Chemicals	**Surface Treatments**	Flameproofed
	Brand Name of Flame Retardant Chemicals	N/A
	Chemical name of Flame Retardant Chemicals	N/A
	Process of Flame Retardant Chemicals	N/A
Care	**Information**	Durably Flame Retardant. This means the fabric is chemically treated to meet the flammability requirements of BS5867 Part 2 Type B and BS5852. FR properties will be maintained if subject to moisture, however, do not wash. If the fabric is subject to moisture, allow to dry naturally prior to storing. The cloth can be professionally dry cleaned using the correct chemical process. Notwithstanding the aforementioned, it would be our advice to only dry clean this material periodically. We would suggest that the fabric 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. This fabric is not pre-shrunk.
	Laundering Treatment	 Dry Clean Only · Do Not Wash · Do Not Bleach · Do Not Iron · Do Not Tumble Dry
Notes		

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



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Fire Test Certificate - Specimen

Fabric: Wadding
Type: BS5867 Part 2 Type B

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BTTG
TESTING • CERTIFICATION • AUDITING

Wira House, West Park Ring Road,
Leeds, LS16 6QL, UK.
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Email: info@bttg.co.uk
Website: www.bttg.co.uk

Date: 01 September 2017

Our Ref: **53939-2**
Your Ref: -

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: 21 August 2017
Date of Test Start: 01 September 2017

Description of Sample(s): One sample identified as follows was received for testing:

Wadding, stated to be DFR

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

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

SPECIMEN

ilac-MRA UKAS TESTING 1066

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A company registered in England & Wales with company number 04669651. VAT Number GB 816764800.
The supply of all goods and services is subject to our standard terms of business, copies of which are available on request.
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Fire Test Certificate - Specimen

Fabric: Wadding
Type: BS5867 Part 2 Type B

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Email: info@bttg.co.uk
Website: www.bttg.co.uk

Date: 01 September 2017

Our Ref: **53939-2**
Your Ref: -

J. & C. Joel Limited

Sample was identified as follows:

Wadding, stated to be DFR

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

Fabric: Wadding
Type: BS5867 Part 2 Type B

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RESULTS

Sample Ref: Wadding, stated to be DFR

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

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

	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

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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Fire Test Certificate - Specimen

Fabric: Wadding
Type: BS5867 Part 2 Type B

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J. & C. Joel Limited

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.

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Fire Test Certificate - Specimen

Fabric: Wadding
Type: BS5852

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9630

TEST CERTIFICATE

Certificate Number:	**UPH261035 -1**
Date Received:	23/09/2026
Date Issued:	28/09/2026
Issue Number:	1

Changes from previous issue (if applicable)

SAMPLE IDENTIFICATION

The information is this section is provided by the client and Lancashire Testing Services Ltd assumes no reponsibility or liability for its accuracy.

Sample Name / Reference	THERMAL BONDED POLYESTER FILLING
Additional Names:	MED DTEX
Batch Ref/Number:	-
Order Number:	JH-PW38
Colour:	WHITE
Composition:	100% THERMAL BONDED POLYESTER
Customer:	-

SPECIMEN

SPECIFICATION

Schedule 2 Part I of the Furniture & Furnishings (Fire)(Safety) Regulations 1988 (as amended 1989,1993 and 2010)

TEST METHOD

Flammability: BS5852:Pt2:1982 Ignition Source 2, as amended by Schedule 2 Part I of the Furniture and Furnishings (Fire)(Safety) Regulations 1998 (as amended)

Conclusion

The sample tested complies with the flammability requirements of BS5852 Pt2 1982 butane ignition source 2 in accordance with the modifications stated in Schedule 2 Part 1 of the Furniture and Furnishings (Fire)(Safety) Regulations 1988 (as amended 1989, 1993 & 2010), taking into account uncertainty of measurement

Uncertainty of Measurement: ±1 second - timing measurements, ±1mm - dimensional measurements

Comments:	Density Used (Kg/m3)	36.7
	Layers used:	-

Please note that copies of this original certificate are not valid

This report relates only to the sample tested and does not guarantee the bulk of the material to be of equal quality

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Fire Test Certificate - Specimen

Fabric: Wadding
Type: BS5852

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TEST CERTIFICATE

Test Results:-
Schedule 2 Part I of the Furniture and Furnishings (Fire)(Safety) Regulations 1998, amended in 1989,1993 and 2010.

Ignitability test for Non-foam fillings materials tested singly

"The following test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use."

Sample Code	UPH261035 -1
Sample Name / Reference	THERMAL BONDED POLYESTER FILLING
Client	Fibre Fillings Ltd
Date of test	28/09/2026
Cover Type	100% flame retardant plain woven polyester 220g/m2
Size of test rig	Large: Back - 450 x 450 x 75 ± 2mm + Seat - 450 x 300 x 75 ± 2mm
Conditioning of test specimens	At least 72 hours in ambient indoor conditions, then at least 16 hours in an atmosphere having a temperature of 20±5°C and a relative humidity of 50±20%
Testing conditions	Temperature between 15°C and 30°C, Relative humidity between 20% and 70%
Testing Source	Ignition source 2

	Test 1			Test 2		
Duration of Flaming after removal of ignition source (s)	0			0		
External detection of smoke, heat or glowing 30 minutes after crib ignition	NO			NO		
Escalating smouldering behaviour rendered the test unsafe to continue, required forcible extinction	NO			NO		
Smouldering occurred which essentially consumed the entire specimen within the duration of the test	NO			NO		
Flame continued beyond 120 seconds after the removal of the igntion source	NO			NO		
Escalating combustion behaviour so that it was unsafe to continue the test and forcible extinction was required	NO			NO		
Burning occurred which essentially consumed the entire specimen within the duration of the test	NO			NO		
Extent of Damage to seat Length/Width/Depth (mm)	35	34	15	34	34	8
Extent of Damage to back Length/Width/Depth (mm)	45	78	25	49	64	30
Test Result:	**PASS**			**PASS**		

Craig Allardice	**John Marsh**	**Peter Collings**
Laboratory Technician	Laboratory Supervisor	Operations Manager

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Issue Number: 1

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TEST CERTIFICATE

Certificate Number: UPH261035-1 **Date of Issue:** 28/09/2026

Decision Rule:

Lancashire Testing Services have measurement uncertainties for all test standards (available on request) and have applied these measurements to the test result.

The specific level of risk is < 2.5% as stated in ILAC-G8:09/2019. Unless otherwise indicated L.T.S will apply this rule to all measurements reported.

A binary decision rule which is guard banded by the test measurement uncertainty is used. If the measurement result plus/minus the expanded uncertainty with a 95 % coverage probability overlaps the limit, it is not possible to state compliance or non-compliance. The measurement result and the expanded uncertainty with a 95 % coverage probability will then be reported. The report will include the actual value with the uncertainty range.

Lancashire Testing Services Ltd have conducted thorough analysis of the uncertainty of all measurements carried out in the application of the standard or standards detailed in this report. Where possible any associated uncertainty of measurements have been accounted for in the working instructions, so that they have no impact on the reporting of the final result. In instances were uncertainty of measurements can only be taken into account after the test has been conducted, these uncertainty values have been stated on this report. The stated uncertainty of measurement has also been taken into account in the final reporting of the overall result.

Information provided about a customer, from a source other than the customer, shall only be shared with the customer. The provider of the information shall remain confidential to the laboratory unless agreed by the source of the information.

SPECIMEN

Issue Number: 1

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