

Wadding

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



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Contents

Composition & Care

150 cm 3

Fire Certificate

BS5867 Part 2 Type B 4

BS5852 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/m²)



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

Datasheet - Fabrics & Flooring

Wadding

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 that 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. Commercial flame retardants 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		



Fire Rating:
DFR



Approx Roll Length:
20m / 66ft



Width:
150cm / 59"



Weight:
205 g/m²



Fire Certification:
BS5867, BS5852



Colour
Available

For further information please contact our sales team sales@jcjoel.com

Fire Test Certificate – Specimen

Fabric: Wadding
Type: BS5867 Part 2 Type B

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Wira House, West Park Ring Road,
Leeds, LS16 6QL, UK.
Telephone: +44 (0)113 259 1999
Email: info@btg.co.uk
Website: www.btg.co.uk

Date: 01 September 2017

Our Ref: 53939-2

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: 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



1066

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Fire Test Certificate – Specimen

Fabric: Wadding
Type: BS5867 Part 2 Type B

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Sample was identified as follows:

Wadding, stated to be DFR

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Date: 01 September 2017

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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.

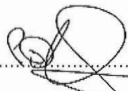
Testing after pre-treatment

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

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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Fire Test Certificate – Specimen

Fabric: Wadding
Type: BS5867 Part 2 Type B

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TESTING • CERTIFICATION • AUDITING

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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.

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SPECIMEN



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Fire Test Certificate – Specimen

Fabric: Wadding
Type: BS5852

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Test Certificate 82167 - 1

Report Details

Report Number	82167 - 1	Date Tested	23-Jun-20	Date Issued	24-Jun-20
Service Requested	BS 5852 Part 2: 1982 - Schedule 2 Part 1				

Customer Details

Customer Details - As Supplied by the Customer

Sample Description MED DTEX
Fibre Composition 100% POLYESTER

Quality/Batch Ref JUNE 2020
Colour WHITE
Sample End Use BED MANUFACTURING/ FURNITURE
Model Ref
Density / Layers / 4

Supplier / Buyer

Specification:

Schedule 2 Part 1 (Ignitibility test for non-Foam Filling Materials Singly of The Furniture Furnishings (Fire) (Safety) Regulations 1988 (as amended). S.I. 1324

Test Methods:

BS 5852 Part 2: 1982 Source 2 - Methods of test for the ignitibility of upholstered composites for seating by flaming sources.

Conditioning:

The sample was conditioned for 72 hrs in ambient conditions then for at least 24 hrs in a specified atmosphere at $20 \pm 5^\circ\text{C}$ and $50 \pm 20\%$ relative humidity.

Please note: The uncertainty of measurement is taken into account when stating conformance to the specification. The measured value(s) marked* are compared with the 'acceptance interval' which is determined by reducing the specification limits by the expanded test uncertainty $U_{k=2}$ (approximately 95% confidence interval). Results outside these limits are declared as 'fail'. All test results issued on this certificate refer only to the item under test as supplied by the customer. This test certificate shall not be duplicated.

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Fire Test Certificate – Specimen

Fabric: Wadding
Type: BS5852

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Test Certificate 82167 - 1

Test Results

The Following test results relate only to the ignitibility of the combination of the 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.

Test Criteria	Initial Test	Repeat Test
Flaming Ceased:	0.00	0.04
Progressive Smouldering Criteria		
Detectable amounts of smoke, heat or glowing 60 minutes after ignition?	☐	☐
Displays unsafe escalating combustion and requires forcibly extinguishing?	☐	☐
Smouldering consumed the test specimen within the duration of the test?	☐	☐
Smoulder to the Extremities? I.E Upper or Lower margins, either side or to its full thickness	☐	☐
On final inspection, any evidence of Charring?	☒	☒
On final inspection, any evidence of Melting?	☒	☒
On final inspection, any evidence of Dripping?	☒	☒
Flaming Criteria		
Flaming for more then 120 Seconds:	☐	☐
Displays unsafe escalating combustion?	☐	☐
Flaming and/or smouldering consumed the test specimen within the duration of the test?	☐	☐
Flame front reaches the upper or lower margin, either side or passes through the full thickness?	☒	☒
Test Result	PASS	PASS

Please note: The uncertainty of measurement is taken into account when stating conformance to the specification. The measured value(s) marked* are compared with the 'acceptance interval' which is determined by reducing the specification limits by the expanded test uncertainty $U_k=2$ (approximately 95% confidence interval). Results outside these limits are declared as 'fail'. All test results issued on this certificate refer only to the item under test as supplied by the customer. This test certificate shall not be duplicated.

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Fire Test Certificate – Specimen

Fabric: Wadding
Type: BS5852

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Test Certificate 82167 - 1

Overall Result: **PASS**

The sample supplied meets the requirements of Schedule 2 Part 1 (Ignitibility test for non-Foam Filling Materials Singly) of The Furniture & Furnishings (Fire) (Safety) Regulations 1988 (as amended). S.I. 1324

Authorised Signature:



Zeb Alam
Operations Director

END OF REPORT

SPECIMEN

Please note: The uncertainty of measurement is taken into account when stating conformance to the specification. The measured value(s) marked* are compared with the 'acceptance interval' which is determined by reducing the specification limits by the expanded test uncertainty $U_{k=2}$ (approximately 95% confidence interval). Results outside these limits are declared as 'fail'. All test results issued on this certificate refer only to the item under test as supplied by the customer. This test certificate shall not be duplicated.

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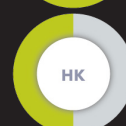
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