



Confidential Report

Our Ref: 23/64323F/11/25





Wira House, West Park Ring Road, Leeds, LS16 6QL, UK.
Telephone: +44 (0) 113 259 1999
Email: onestopshop@bttg.co.uk
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Date: 19 December 2025

Our Ref: 23/64323F/11/25
Your Ref: --

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Client: Gabriel A/S

Hjulmagerve 55
DK-900 Aalborg
Denmark

Job Title: Fire Test on One Fabric Sample

Clients Order Ref:

Date of Receipt: 27 November 2025

Date Test Started: 19 December 2025

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

Select FR 2498 60051

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

BS 5852: Clause 11:2006 (2011)

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

This report relates only to the items tested.

All tests were carried out in the laboratories in Leeds, unless otherwise indicated.

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TESTING • CERTIFICATION • AUDITING

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Testing BS 5852: Clause 11: 2006 (2011) Assessment of the ignitability of upholstered seating by Smouldering and Flaming sources – Source 5 (Crib 5)

Pre-Treatment

The material was subjected to the water soak procedure according to BS 5852: Annex E:2006 (2011).

Conditioning

The sample was conditioned in the environments specified in Clause 10 of BS 5852: 2006 (2011).

Testing

The material was tested according to BS 5852:2006 (2011) Methods of test for the ignitability of upholstered composites for seating by flaming sources using Source 5 (Crib 5).

The sample was tested at 18°C and 50% relative humidity (R.H.).

The sample was tested over combustion modified polyurethane foam with a density of approximately 34-36kg/m³.



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Results

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

	Specimen 1	Specimen 2
Time of Ignition (mins/sec)	0.13	0.14
Time of Flame Extinction (mins/sec)	4.21	4.30
Time of Smoke Extinction (mins/sec)	6.33	6.58
Time of cover split (mins/sec)	DNO	DNO
Extent of damage (mm) - Seat		
Width	81	80
Length	57	58
Depth	28	31
Extent of damage (mm) - Back		
Width	91	73
Depth	28	30
Melting	No	No
Dripping	No	No
Charring	Yes	Yes
Comments and Observations	DNO	DNO
Specimen Result (Ignition or Non-ignition)	Non-Ignition	Non-Ignition

Acronyms

ME – Manually extinguished

EC – Escalating combustion

DNS – Material did not split

DNO – Did not observe time of events

BTT – Burnt through thickness of foam

BTE – Burnt to extremities



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Comment

The results indicate 'Non-Ignition' of the materials and the test is designated NI/5 (ie. Pass).

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.

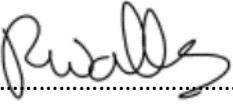
See our decision rules Policy (<https://www.bttg.co.uk/about-us/decision-rules-policy/>) for further information.

Uncertainty Budget

Timings: ±2 seconds.

Measurements: ±2mm.

Weight: ±2g.

Reported by:  R Walls, Laboratory Technician

Countersigned by:  B Bland, Technical Customer Service Officer

Enquiries concerning this report should be addressed to Customer Services.



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