TEST REPORT NO: 210661

Date: 14 April 2025

PIERRE FREY SAS
47 RUE DES PETITS CHAMPS
75001 PARIS
FRANCE

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Retailer	Not Specified
Description of article	F4063 FERSEN FABRIC
Retailer style number	BLUE / WHITE
Retailer Standard Number	UNKNOWN
Order No./ Buyer	ADELINE JELAGO
Quality/Fibre Composition	UNKNOWN
Date Sample Received/Test Started:	08 April 2025

Tests	Pass	Fail	Remarks
BS EN 1021-1 Ignition Source 0	x		
BS EN 1021-2 Ignition Source 1	X		
BS 5852 Ignition Source 0 & 1	X		

(please note our uncertainty of measurement has been taken into account when the above results were pass/failed)
(Any statement of conformity made in this report unless otherwise stated in the test specification(s) is in line with SGS United Kingdom (Leicester) Decision rule LEI-GEN-PROC-012).

Signature

M. Harrison

M. Harrison Laboratory Manager

For and on behalf of
SGS United Kingdom Ltd

All samples are conditioned to ISO 139 where conditioning is required (unless otherwise stated)

Customer: **PIERRE FREY SAS** **Test Report No:** **210661**

Test Results

BS 5852: Part 1: 1979

Methods of test for the ignitability by smokers' materials of upholstered composites for seating.

Test Requested

The test specimen supplied is F4063 FERSEN Blue/White fabric and has been tested using ignition sources 0 and 1 using the following test method BS 5852: Part 1: 1979.

Fibre Identification

Stated Fibre Composition: Unknown

Conditioning

The materials to be tested and cigarettes were conditioned immediately before the test for 72 hours in an indoor ambient condition and then for at least 16 hours in an atmosphere having a temperature of 20 ± 5°C and a relative humidity of 50 ± 20 %.

Comments of Test Results

The test specimen meets the requirements of clause 9 from BS 5852: Part 1: 1979 using ignition source 0 and 1.

Results

'The following tests 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'

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Test Results

Two cigarettes are placed along the junction between the horizontal and vertical test pieces in accordance with Clause 9.2.2. No progressive smouldering or flaming is to be observed within 1 hour of placement of the cigarette (Clause 9.2.4).

The Cigarette Test		
	Cigarette 1	Cigarette 2
Clause 9.2.3 Evidence of Progressive Smouldering/ Flaming or Afterglow.	No	No
Cover Splitting	Yes	yes
Clause 9.4 Any Internal Progressive Smouldering during the Final Examination	No	No
Test Result	Pass	Pass

A butane flame is applied at the junction between the horizontal and vertical test pieces for a period 20 ± 1 second in accordance with clause 9.3.2. No Flaming or Progressive Smouldering is to be observed after 2 minutes of the removal of the burner tube (Clause 9.3.4).

The Match Test		
	Match 1	Match 2
Clause 9.3.4 Evidence of Flaming/ Progressive Smouldering/ Afterglow or Smoking	No	No
Cover Splitting	Yes	Yes
Clause 9.4 Any Internal Progressive Smouldering during the Final Examination	No	No
Test Result	Pass	Pass

Smouldering Cigarette test and the match test were carried out over Non-Fire Retardant Polyurethane Foam Density of 20-22 Kg per m³/. The face of the fabric was tested.

Measurement of uncertainty
Ignition source 0: +0sec/-60sec progressive smouldering
Ignition source 1: +0sec/-60sec smouldering +0sec/-2sec flaming

Customer: **PIERRE FREY SAS** **Test Report No:** **210661**

Test Results

BS EN 1021-1 & 2:2014
Assessment of the ignitability of upholstered furniture
Part 1 – Ignition source smouldering cigarette / Part 2 – Ignition source match flame

Description of Test Sample: F4063 FERSEN Blue/White fabric

Test Requested

The test specimen has been tested to BS EN 1021 – 1 & 2: 2014 Smouldering cigarette and match flame.

Pre – Treatment

The customer has stated that the supplied test specimen has not been chemically treated so therefore no water soaking procedure has been performed.

Conditioning

All materials to be tested and the cigarettes have been conditioned for at least 24 hours immediately before the tests in an atmosphere 23 ± 2°C and 50 ± 5% r.h.

Comments on Test Results

The test specimen meets the requirements of BS EN 1021-1 & 2: 2014 where the result for both tests has been stated as non-ignition.

Uncertainty of measurement:

Source 0	
Progressive Smouldering	+0 secs / -60 secs
Source 1	
Smouldering	+0 secs / -60 secs
Flaming	+0 secs / -2 secs

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Test Results

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

Ignition source Smouldering Cigarette

	Criteria of ignition	Cigarette 1 Criteria Observed	Cigarette 2 Criteria Observed
Progressive smouldering ignition	Clause 3.1a	No	No
	Clause 3.1b	No	No
	Clause 3.1c	No	No
	Clause 3.1d	No	No
	Clause 3.1e	No	No
Flaming Ignition	Occurrence of flames	No	No
	Ignition occurring	Non – Ignition	Non – Ignition

Ignition source Match Flame

	Criteria of Ignition	Match Flame 1 Criteria Observed	Match Flame 2 Criteria Observed
Progressive smouldering ignition	Clause 3.1a	No	No
	Clause 3.1b	No	No
	Clause 3.1c	No	No
	Clause 3.1d	No	No
	Clause 3.1e	No	No
Flaming Ignition	Clause 3.2a	No	No
	Clause 3.2b	No	No
	Clause 3.2c	No	No
	Clause 3.2d	No	No
	Ignition occurring	Non – Ignition	Non – Ignition

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Test Results

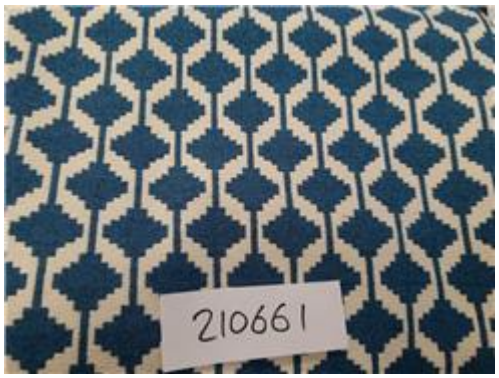
The test specimen was tested over Combustion modified foam (CMHR) with a density of 35kg/m^3.

Smouldering criteria of Ignition

Clause 3.1a – Test assembly displays escalating combustion behaviour so that it is unsafe to continue
Clause 3.1b – Test assembly that smoulders until it is largely consumed
Clause 3.1c – Test assembly that smoulders to the extremities within the test duration
Clause 3.1d – Test assembly that smoulders after one hour from application of the ignition source
Clause 3.1e – Test assembly on final examination shows evidence of progressive smouldering

Flaming Ignition

Clause 3.2a – Test assembly displays escalating combustion behaviour so that it is unsafe to continue
Clause 3.2b – Test assembly burns until it is essentially consumed
Clause 3.2c – Flame reaches the lower margin, either side or passed through the full thickness
Clause 3.2d – Flaming continues for more than 120 seconds after removal of burner tube



End of Report