



TEST REPORT NO: 172476

Date: 27 September 2021

**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	F3637 PYLA FABRIC
Retailer style number	CREAM
Retailer Standard Number	UNKNOWN
Order No./ Buyer	F3637 PYLA
Quality/Fibre Composition	81% COTTON 15% VISCOSE 2% POLYAMIDE 2% ACRYLIC
Date Sample Received/Test Started:	01 September 2021

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		X	
BS 5852 Ignition Source 1	X		

Signature

Stuart Bishop Senior Technician

For and on behalf of
SGS United Kingdom Ltd

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

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Customer: **PIERRE FREY SAS** Test Report No: **172476**

Test Results

**Testing to BS EN 1021 – Part 1 : 2014 and BS EN 1021 – Part 2 : 2014
Furniture - Assessment of the Ignitability of upholstered furniture**

Sample Description fabric

Testing

The product was tested according to **BS EN 1021 – Part I : 2014 and BS EN 1021 – Part II : 2014 Furniture - Assessment of the Ignitability of upholstered furniture, Part I – Smouldering Cigarette ignition source and Part II – Match Flame equivalent.**

Conditioning

To at least the minimum requirements of BS EN 1021 Parts I & II : 2014, Clause 7.

Combination of materials

The sample was tested over non-fire retardant polyurethane foam with a density of 20 – 22 kg/m²

Results

Specimen number	Time to extinction			Result		
	1	2	3	1	2	3
Smouldering Cigarette (min)	>60	>60		Ignition	Ignition	Not tested
Match Flame Equivalent (sec)	0	0	0	Non-ignition	Non-ignition	Non-ignition

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

Conclusion

The sample received does not meet the requirements of BS EN 1021-1 : 2014 Part I smouldering cigarette ignition source.

The sample received meets the requirements of BS EN 1021-2 : 2014 Part II match flame equivalent ignition source.

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Test Results

The Furniture and Furnishings (Fire) (Safety) Regulations Schedule 4, Part I, 'The Cigarette Test' and Schedule 5, Part I 'The Match Test' using BS 5852:Part 1: 1979

Sample Description Fabric

Testing

The material was tested according to **BS 5852: Part I: 1979 Methods of test for the ignitability by smokers' materials of upholstered composites for seating.**

The results of BS 5852: Part I: 1979 relate only to the combinations 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.

Pre-Treatment

None

Conditioning

BS 5852:1979, Clause 7

Combination of materials

The sample was tested for Schedule 4, Part I, 'The Cigarette Test', over the foam supplied.

The sample was tested for Schedule 5, Part I, 'The Match Test', over non-fire-retardant polyurethane foam with a density of 20-22 kg/m³ as specified in the above Regulations.

Conclusion

The sample received does not meet the requirements of Schedule 4, Part I, 'The Cigarette Test' of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 (as amended) S.I. 1324.

The sample received meets the requirements of Schedule 5, Part I, 'The Match Test' of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 (as amended) S.I. 1324.

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Registered in England No : 1193985 Registered Office : Rossmore Business Park Ellesmere Port Cheshire CH65 3EN



Customer: PIERRE FREY SAS

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Test Results

***Schedule 4, Part 1 – The Cigarette Test**

Specimen number	1	2
Duration of smouldering (min)	21	24
Ignition occurred	No	No
Cover split	No	No
Melting	No	No
Dripping	No	No
Charring	Yes	Yes
Progressive smouldering at 60 minutes	Yes	Yes
Result	Fail	Fail

***Schedule 5, Part 1 – The Match Test**

Specimen number	1	2
Time to ignition (sec)	6	6
Duration of flaming (sec)	0	0
Duration of smouldering (sec)	0	0
Cover split	No	No
Melting	No	No
Dripping	No	No
Charring	Yes	Yes
Smouldering at 120 sec	No	No
Smoke or heat at 15 min	No	No
Result	Pass	Pass

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Test Results

APPENDIX TO TEST CERTIFICATE

Overview

This appendix is to be read in conjunction with the related test certificate. The test certificate gives the details of the test that has been completed and client information.

This appendix shows the decision rule and measurement uncertainty for this job number. If allowing for the measurement uncertainty affects conformity to a specification limit then a modified statement of conformity is reported in this appendix. This indicates the confidence level in the reported result. The decision rule used to make this assessment is also reported.

This method of reporting is a requirement of our accreditation against 17025:2017. This appendix is written using the guidelines shown in the ILAC document, ILAC-G8:09/2019 Guidelines on Decision Rules and Statements of Conformity.

This document can be found at https://ilac.org/latest_ilac_news/revised-ilac-g8-published/

The conformity statements are based on the examples found in the UKAS document LAB 48 Decision Rules and Statements of Conformity.

DECISION RULES

All uncertainties are estimated with a coverage factor of $k = 2$ which equates to a confidence level of approximately 95%.

Some tests have more than one decision rule, any of which may apply depending on the outcome of the test.

Cigarette test, source 0

The pass criteria for this test is smouldering of less than 60 minutes.

Our estimate of the measurement uncertainty for this test is ± 2 seconds. This means that a result within 2 seconds of the 60 minute boundary will be reported as uncertain.

Match test, source 1

The pass criteria for these tests is smouldering of less than 60 minutes.

Our estimate of the measurement uncertainty for this test is ± 2 seconds. This means that a result within 2 seconds of the 60 minute boundary will be reported as uncertain.

The pass criteria for these tests is flaming of less than 120 seconds.

Our estimate of the measurement uncertainty for this test is ± 2 seconds. This means that a result within 2 seconds of the 120 second boundary will be reported as uncertain.

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Test Results

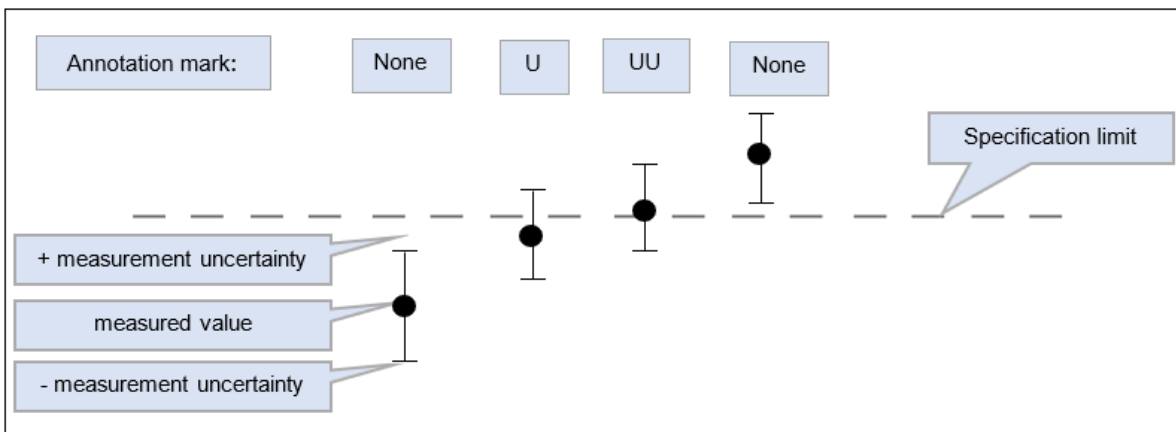
RESULT MODIFIED BY MEASUREMENT UNCERTAINTY

The conclusion statement on the test report is modified as follows:

- The reported conclusion has no annotation mark
The test result is below the specification limit shown in the test standard even with allowance for the measurement uncertainty. The result does comply with the specification based on the stated level of confidence.
- The reported conclusion is annotated with “U”
The test result is below the specification limit but by a margin less than the measurement uncertainty. It is therefore not possible to state compliance based on the stated level of confidence.
- The reported conclusion is annotated with “UU”
The test result is above the specification limit but by a margin less than the measurement uncertainty. It is therefore not possible to state compliance based on the stated level of confidence.
- The reported conclusion has no annotation mark
The test result is above the specification limit even with allowance for the measurement uncertainty. The result does not comply with the specification based on the stated level of confidence.

Each of these statements is illustrated on the following diagram.

ILLUSTRATION OF POSSIBLE TEST RESULTS



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Test Results

INTERPRETING THE RESULTS

Using the annotation marks described above, the following confidence levels apply to the illustrated result:

- The reported conclusion has no annotation mark
The test is reported as a Pass. The risk of this representing a false Pass result is less than 2.5%
- The reported conclusion is annotated with "U"
The test is reported as a Conditional Pass. The risk of accepting this result as a false Pass result is up to 50%
- The reported conclusion is annotated with "UU"
The test is reported as a Conditional Fail. The risk of accepting this result as a false Fail result is up to 50%
- The reported conclusion has no annotation mark
The test is reported as a Fail. The risk of this representing a false Fail result is less than 2.5%

If you wish to accept the higher level of risk of a false Pass classification, results marked with a single annotation mark "U" could be considered a Pass.

If you wish to accept the higher level of risk of a false Fail classification, results marked with an annotation mark "UU" could be considered to be a Fail.

- The reported conclusion has no annotation mark
The test is reported as a Pass. The risk of this representing a false Pass result is less than 2.5%
- The reported conclusion is annotated with "U"
The test is reported as a Conditional Pass. The risk of accepting this result as a false Pass result is up to 50%
- The reported conclusion is annotated with "UU"
The test is reported as a Conditional Fail. The risk of accepting this result as a false Fail result is up to 50%
- The reported conclusion has no annotation mark
The test is reported as a Fail. The risk of this representing a false Fail result is less than 2.5%

If you wish to accept the higher level of risk of a false Pass classification, results marked with a single annotation mark "U" could be considered a Pass.

If you wish to accept the higher level of risk of a false Fail classification, results marked with an annotation mark "UU" could be considered to be a Fail.

***Please note the marked tests were subcontracted to a UKAS accredited laboratory.**

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End of Report

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