

TEST CERTIFICATE

No. F213415/9

**Assessment to BS 5867 : 2008 Specification for Fabrics for
Curtains, Drapes and Window Blinds, Part 2 : Flammability Requirements using
BS EN ISO 15025:2002****SAMPLE INFORMATION**

Client **Zimmer + Rohde, Zimmersmuhlenweg 14-18, 61440 Oberursel, Germany.**
Sample type **Fabric**
Details supplied **10863, Flax FR, 100% PES FR**
by the client
Dimensions **100cm by 300cm (Full width)**
Date received **8/10/2021**
Pre-treatment **BS EN 1021-1:2006 Annex D**
Conditioning **BS EN ISO 15025:2002 Clause 7.2.**

TESTING

Following the pre-treatment described above, the material was conditioned and tested according to **BS EN ISO 15025:2002 Protective Clothing- Protection against heat and flame-Method of test for limited flame spread**, using a **15 second flame application time** and the results assessed according to the requirements of **BS 5867 : 2008 Specification for Fabrics for Curtains, Drapes and Window Blinds, Part 2 : Flammability Requirements**. Testing was carried out on the face side of the fabric.

Testing was carried out using propane gas. The ambient conditions of test were 19 C and 47.1 % RH.

As Received

Specimen number	WARP			WEFT		
	1	2	3	1	2	3
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

After Pre-treatment

Specimen number	WARP			WEFT		
	1	2	3	1	2	3
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

It should be noted that the results may not apply to situations where there is a restricted air supply or prolonged exposure to intense heat as in a conflagration.

CONCLUSION

The sample received meets BS 5867 : 2008 Specification for Fabrics for Curtains, Drapes and Window Blinds, Part 2, Flammability Requirements, Type B.

It should be noted that the fabric should be supplied 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 on any special precautions to be taken concerning care (including cleansing) of the product to be manufactured from the fabric, preferably using an appropriate care labelling symbol in accordance with BS 2747 and taking account of the pre-treatment used in this test and the requirements of Clause 4 of BS 5867 : Part 2 : 2008.

U or UU indicates a test result within our estimate of uncertainty of the specification limit - see the report appendix for more information.
#=Subcontracted to a UKAS accredited Test House. The results on this test report only relate to the specimens tested above.

TFT

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A handwritten signature in black ink, appearing to read 'J Firth'.

Mr J Firth
Technical Manager
END OF REPORT

U or UU indicates a test result within our estimate of uncertainty of the specification limit - see the report appendix for more information.
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APPENDIX TO TEST CERTIFICATE

Job number: F213415/9

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.

Curtains and drapes test, type B

The pass criteria for this test is no part of any hole nor any part of the lowest boundary of any flame shall reach the top edge or either vertical edge of the sample. If any part of any hole or any part of the lowest boundary of any flame, reaches the top edge or either vertical edge, or if there is any separation of any flaming debris droplets.

There is no significant uncertainty in this failure criteria. Flame to and edge, or hole to an edge has either occurred or not. The only uncertainty is in machine calibration, and these are defined by the standard to have

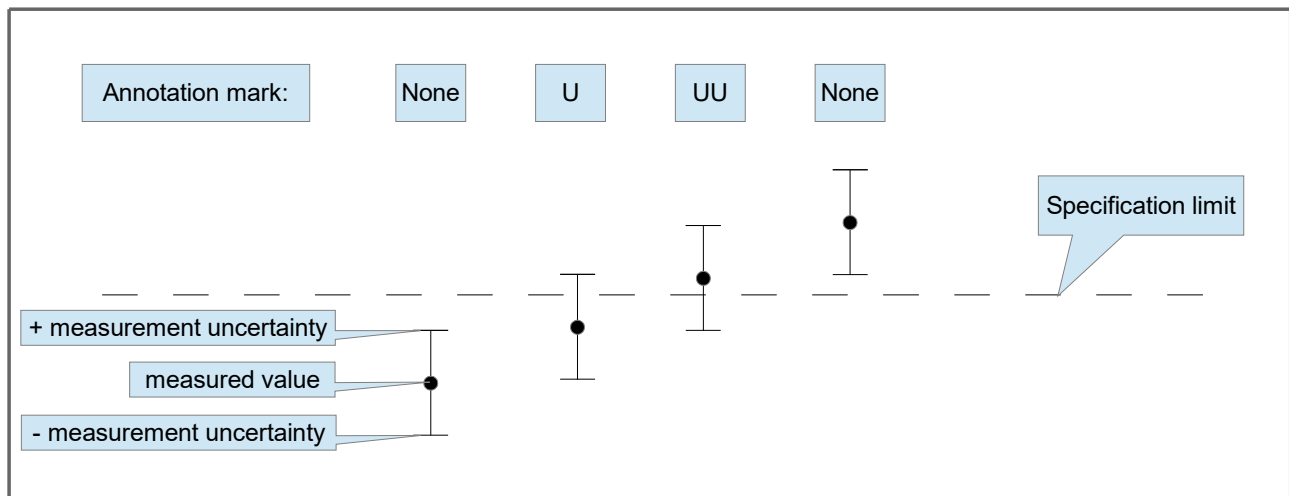
RESULT MODIFIED BY MEASUREMENT UNCERTAINTY

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 non-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



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 to be 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.