

## FLAMMABILITY TEST REPORT

Report No.: LEI20091097A

Date Received: 10/09/20

Date Tested: 14/09/20

Date Issued: 14/09/20

**Company Name & Address:**

CAMIRA FABRICS  
MELTHAM MILLS  
MELTHAM  
HUDDERSFIELD  
HD9 4AY

**Contact Name:**

LUKE RUSSELL

**Sample Details**

Order No.: 83A09023  
Description: Sumi / Kyoto + FR Treatment (Z)  
Colour: D1111D  
Supplier: Camera Fabrics  
End Use: Upholstery  
Ref. / Style No.: Not stated  
Quality: Not stated  
Batch No.: 445543  
Number Of Samples: 1  
Quoted Fibre Content: 90% Wool, 10% Nylon  
Retailer: Not stated  
Specification No.: Not stated  
Sample Description: Grey coloured woven fabric

Test Method	Pre Treatment	Performance Requirement	Result
IMO FTP Code (2010) Annex 1, Part 7: Test for Vertically Orientated Support Textiles and Films	None – The scope states that “fabrics which are not inherently flame resistant should be exposed to cleaning or exposure procedures”	IMO FTP Code (2010) Annex 1, Part 7, Clause 3	<b>PASS</b>

**Note:** The fabric supplied was tested with no pre-treatments at the request of the customer.

**Please note:** The testing was carried out in the ISO 6941 environment



ANDREW HALLETT  
(Flammability Team Leader)

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(Flammability  
Administrator)

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STEVEN OWEN  
(Technical & Operational  
Excellence Manager)

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### Additional Information (Annex)

Name and Address of the Sponsor: Not Stated  
Name and Address of the Manufacturer/Supplier (If known): Camera Fabrics  
Type of Furniture: Not Stated  
Fabric Details – Weave/Density/Yarn count/thickness(mm)/mass(g/m<sup>2</sup>) Colour & Tone: Not Stated  
Fire Retardant Treatment: Not Stated

### Uncertainty of Measurement

The uncertainty of measurement has been estimated to be 4.40%

### Test Specification

Test Method: IMO FTP Code (2010) Annex 1, Part 7  
Ignition Source: 40mm high Propane gas flame  
Ignition Type: Bottom edge ignition (as determined by the pre-test)  
Flame Application Time: 15 seconds (as determined by the pre-test)  
Sample Size: 220 x 170mm  
Side Tested: Face

### Pre-treatment / Durability Procedure

None – At the request of the customer.

### Conditioning

Prior to Testing: At least 24 hours in an atmosphere having a temperature of 20±5°C. and a relative humidity of 65±5%

At Time of Testing: Temperature between 15°C & 30°C. Relative humidity between 20% & 65%

### Test Results

Report of tests carried out in accordance IMO FTP Code (2010) Annex 1, Part 7.

*"The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use."*

Sample No./ Direction	Duration of flaming (Secs)	Duration of afterglow (Secs)	Flaming debris	Flame to edge	Hole to edge	Maximum damaged length (mm)		Average Damage Length (mm)
						Horizontal	Vertical	
1. Length ↑	0.0	0.0	No	No	No	27	83	87.2
2. Length ↓	0.0	0.0	No	No	No	30	83	
3. Length ↑	0.0	0.0	No	No	No	34	78	
4. Length ↓	4.2	0.0	No	No	No	32	82	
5. Length ↑	4.5	0.0	No	No	No	34	110	
6. Width →	0.0	0.0	No	No	No	36	87	87.8
7. Width ←	0.0	0.0	No	No	No	33	90	
8. Width →	0.0	0.0	No	No	No	32	75	
9. Width ←	0.0	0.0	No	No	No	30	95	
10. Width →	0.0	0.0	No	No	No	40	92	

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The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of  $k = 2$ , providing a level of confidence of approximately 95 %. Unless otherwise specified all compliance and pass/fail statements are binary simple acceptance based on the tolerance interval and, with the exception of graded methods, a test uncertainty ratio greater (TUR) than 4:1. For graded methods the TUR will drop to as low as 0.5:1 when the tolerance limits are within a grade division of the upper scale limit. The Uncertainty budgets are stated for each Test method, these are for reference, and should be considered when results are on or close to Specification Limits / Requirements and in such cases it should be noted that the risk of false acceptance or rejection may be as high as 50%, for further information please refer to ILAC G8.