# Fire Test Certificate - Specimen

**Fabric: Mercury**
**Type: IMO**

J&C Joel
Inspiration in every performance

IFS Laboratories Limited

## Test Certificate 137329-1

| Report Details | | | | | |
|---|---|---|---|---|---|
| **Date Received:** | 11/05/2026 | **Date Tested:** | 15/05/2026 | **Date Issued:** | 20/05/2026 |
| **Service Requested:** | IMO FTP Code Annex 1 Part 7: 2010 | | | | |

| Sample Details – As Supplied by the Customer | | | |
|---|---|---|---|
| **Sample Description:** | 6904 6905 VENUS | | |
| **Fabric Composition:** | 100% POLYESTER | **Coating Quantity:** | UNKNOWN |
| **Quality/Batch Ref:** | P5079001 | **FR Treatment Method:** | UNKNOWN |
| **Model Ref:** | NOT STATED | **Fabric Density:** | UNKNOWN |
| **Sample Colour:** | NOT STATED | **Fabric Thickness:** | UNKNOWN |
| **Sample End Use:** | DRAPERY | **Yarn Count:** | UNKNOWN |
| **Manufacturer:** | NOT STATED | **Threads per Count:** | UNKNOWN |
| **Supplier/Buyer** | NOT STATED | **Mass per Unit:** | UNKNOWN |

SPECIMEN

| Test Details | |
|---|---|
| **Specification:** | IMO FTP Code Annex 1, Part 7: 2010 – Test for Vertically supported textiles and films |
| **Pre-treatment:** | The sample under test had not been subjected to any accelerated laundering procedure prior to testing. The samples had been tested in their as received state as requested by the customer. |
| **Conditioning:** | The sample under test had been conditioned in a specified atmosphere at 20 ± 5$^0$C and 65 ± 5% r h for a minimum of 24 hours. Testing had been carried out in a draught-free environment having a temperature of 10°C - 30°C and a relative humidity of 15%rh – 80% rh. |
| **Deviation:** | This test has been carried out with a deviation to the technical specification of the test enclosure. The test enclosure used in testing falls outside the specification requirements of section 4.5. All measurement parameters are within the specified tolerances of the test procedure and therefore this deviation has been deemed to have a negligible effect on any result produced. |
| **Overall Result:** | **PASS** |

Authorised by:

J Furnival

John Furnival
Accounts & Process Manager

Please note: The uncertainty of measurement is taken into account when stating conformance to the specification. The measured value(s) marked* are compared with the 'acceptance interval" which is determined by reducing the specification limits by the expanded test uncertainty Uk=2 (approximately 95% confidence interval). And providing all measured values are within the tolerance limits then such results are declared as "Pass". The Uncertainty budgets are stated for each test method and should be considered when results are on or close to the acceptance limits, and in such cases it should be noted that the risk of false acceptance or false rejection is ≤2.5%. Results outside these limits are declared as 'fail'. All test results issued on this report refer only to the item under test as supplied by the customer. This certificate shall not be reproduced, unless in its entirety, without written approval from IFS Laboratories Ltd. Textile Innovation House, 1 Lyons Road, Trafford Park, Manchester, M17 1RN T: 0161 50 50 650 E: technical@ifs-labs.com

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### Test Results:

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.

| **Test Results (Warp) – Front fabric** Application Time (as determined by pre-testing): | **Unit** | **1** 15s FACE | **2** 15s FACE | **3** 15s FACE | **4** 15s FACE | **5** 15s FACE |
|---|---|---|---|---|---|---|
| *After Flame time: | Sec | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Flame reached an edge: | Y/N | NO | NO | NO | NO | NO |
| *Charred Length: | mm | 96 | 93 | 109 | 114 | 93 |
| Ignition of Cotton Wool: | Y/N | NO | NO | NO | NO | NO |
| Occurrence of surface flash: | Y/N | NO | NO | NO | NO | NO |
| Average Damage Length: | mm | 101 | | | | |
| Specimen Result: | P/F | **PASS** | **PASS** | **PASS** | **PASS** | **PASS** |

| **Test Results (Weft) – Front fabric** Application Time (as determined by pre-testing): | **Unit** | **1** 15s FACE | **2** 15s FACE | **3** 15s FACE | **4** 15s FACE | **5** 15s FACE |
|---|---|---|---|---|---|---|
| *After Flame time: | Sec | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Flame reached an edge: | Y/N | NO | NO | NO | NO | NO |
| *Charred Length: | mm | 99 | 105 | 94 | 108 | 102 |
| Ignition of Cotton Wool: | Y/N | NO | NO | NO | NO | NO |
| Occurrence of surface flash: | Y/N | NO | NO | NO | NO | NO |
| Average Damage Length: | mm | 101.6 | | | | |
| Specimen Result: | P/F | **PASS** | **PASS** | **PASS** | **PASS** | **PASS** |

SPECIMEN

**Pass/Fail Criteria:**

*after flame time ≤5s for any specimen (Surface Test only)
*no flame propagation to the edges for any specimen.
*no ignition of the cotton wool for any specimen.
*average char length ≤ 150mm.
*no occurrence of surface flash more than 100mm from the point of ignition

### Conclusion:

The sample under test **meets** the performance criteria as stated in paragraph 3 of IMO FTP Code Annex 1 Part 7: 2010, with a deviation as stated on page 1 of this certificate.

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