

**LANCASHIRE TESTING SERVICES LIMITED**

Lyon Road Industrial Estate : Kearsley : Bolton

Lancashire : BL4 8NB

Tel: +44 (0) 1204 792858

Email: enquiries@ltslab.co.uk

[www.ltslab.co.uk](http://www.ltslab.co.uk)

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**TEST CERTIFICATE**

<b>CLIENT:</b>	Interfabrics S.L Pol Ind Francisco Vitoria Calle Del Textil S/N 03830 Muro De Alcoy Alicante, Espana -	<b>Certificate Number:</b>	<b>UK2302151-2</b>
		<b>Date Received:</b>	15/12/2023
		<b>Date Issued:</b>	19/12/2023
		<b>Issue Number:</b>	<b>1</b>
		Changes made from previous issue (if applicable)	
<b>Contact:</b>	Toni Fernandez		
<b>Tel:</b>	+34 637494453		
<b>Email:</b>	ajfernandez@aquaclean.com		

**SAMPLE IDENTIFICATION**

The information in this section is provided by the client and Lancashire Testing Services Ltd assumes no responsibility or liability for its accuracy.

Sample Name / Reference	MARVEL-AC-FR-SF
Additional Names:	-
Batch Ref/Number:	D2437710001
Order Number:	-
Colour:	56
Fabric Composition:	69% Polyester, 26% Recycled Cotton, 4% Rayon, 1% Polyamide
Customer:	-

**SPECIFICATION**

Schedule 4 part I & 5 part I of the Furniture & Furnishings (Fire)(Safety) Regulations 1988 (as amended 1989, 1993 and 2010)

**TEST METHOD**

Flammability:	BS5852:- Part 1:1979:Smouldering Cigarette Source Part 1:1979: Butane Flame Ignition Source 1
Pre-treatment:	BS5651:1978: Clause 4 Water soak, as amended by the Furniture & Furnishings (Fire)(Safety) Regulations 1988 (as amended 1989, 1993, 2010) Line Dried during day at ambient temperature

**Conclusion**

The sample tested complies with the flammability requirements of BS5852 Pt1 1979 cigarette source and butane ignition source 1 in accordance with the modifications stated in Schedule 4 Part 1 and Schedule 5 Part 1 of the Furniture and Furnishings (Fire)(Safety) Regulations 1988 (as amended 1989, 1993 & 2010), taking into account uncertainty of measurement

Uncertainty of Measurement:  $\pm 1$  second - timing measurements,  $\pm 1$ mm - dimensional measurements

**Comments:**

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**TEST CERTIFICATE****Test Results:-****BS5852:Part1:1979: Smouldering Cigarette Source****Ignitability by smokers' materials of upholstered composites for seating**

"The following test 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."

Sample Code	UK2302151 -2				
Sample Name / Reference	MARVEL-AC-FR-SF				
Client	Interfabrics S.L				
Date of test	19/12/2023				
Pre-Treatment	BS5651:1978: Clause 4 Water soak, as amended by the Furniture & Furnishings (Fire)(Safety) Regulations 1988 (as amended 1989, 1993, 2010) Line Dried during day at ambient temperature				
Filling Type	Carpenter/RP21130 unmodified polyurethane foam of density 20-22Kg/m <sup>3</sup> /Type B, 130				
Size of test rig	Small: Back - 450 x 300 ± 2mm + Seat - 450 x 150 ± 2mm				
Test Conditions	Period h	Temperature °C	Relative humidity %	Air Flow m/s	Volume m <sup>3</sup>
Conditioning of test specimens	≥16	15-25	50±20	≤0.2	-
Testing conditions	-	15-30	20-70	0.05	≥6
Testing Source	Smouldering Cigarette Source				
Testing time limit	60 minutes after placement of smouldering cigarette.				
	Test 1		Test 2		
Time for cigarette to smoulder to completion (min:sec)	21.11		20.43		
Was progressive smouldering or flaming of the upholstery components observed at any time within a period of hour of the placement of the cigarette?	NO		NO		
On final examination was there evidence of progressive smouldering undetected from the outside	NO		NO		
Did the cover split during the test? If applicable, what time did this occur? (min.sec)	N/A -		N/A -		
Did the test assembly require forcible extinction, if applicable what time did this occur? (min.sec)	N/A -		N/A -		
Where any special features of burning observed? (eg Melting, dripping, charring, development of flames from smouldering?)	N/A		N/A		
<b>Test Result:</b>	<b>PASS</b>		<b>PASS</b>		

<b>RESULT:</b>	<b>SMOULDERING CIGARETTE SOURCE</b>	<b>PASS</b>
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Please note that copies of this original certificate are not valid

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**TEST CERTIFICATE****Test Results:-****BS5852:Part1:1979: Butane Flame Ignition Source 1****Ignitability by smokers' materials of upholstered composites for seating**

*"The following test 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."*

Sample Code	UK2302151 -2				
Sample Name / Reference	MARVEL-AC-FR-SF				
Client	Interfabrics S.L				
Date of test	19/12/2023				
Pre-Treatment	BS5651:1978: Clause 4 Water soak, as amended by the Furniture & Furnishings (Fire)(Safety) Regulations 1988 (as amended 1989, 1993, 2010) Line Dried during day at ambient temperature				
Filling Type	Carpenter/RP21130 unmodified polyurethane foam of density 20-22Kg/m <sup>3</sup> /Type B, 130				
Size of test rig	Small: Back - 450 x 300 ± 2mm + Seat - 450 x 150 ± 2mm				
Test Conditions	Period h	Temperature °C	Relative humidity %	Air Flow m/s	Volume m <sup>3</sup>
Conditioning of test specimens	≥16	15-25	50±20	≤0.2	-
Testing conditions	-	15-30	20-70	0.05	≥6
Testing Source	Butane Flame Ignition Source 1				
Testing time limit	2 minutes after removal of burner tube (120 seconds)				
	Test 1		Test 2		
Duration of Flaming after removal of ignition source (s)	0		0		
Was there any evidence of progressive smouldering or flaming in the interior and/or cover beyond 120 seconds of the removal of the burner tube?	NO		NO		
On final examination was there evidence of progressive smouldering undetected from the outside?	NO		NO		
Did the cover split during the test? If applicable, what time did this occur? (s)	N/A -		N/A -		
Did the test assembly require forcible extinction, if applicable what time did this occur? (s)	N/A -		N/A -		
Where any special features of burning observed? (eg Melting, dripping, charring, development of flames from smouldering?)	N/A		N/A		
<b>Test Result:</b>	<b>PASS</b>		<b>PASS</b>		

<b>RESULT:</b>	<b>BUTANE IGNITION SOURCE 1</b>	<b>PASS</b>
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**Issue Number: 1**

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This report relates only to the sample tested and does not guarantee the bulk of the material to be of equal quality

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**TEST CERTIFICATE****Certificate Number:** UK2302151-2**Date of Issue:** 19/12/2023

<b>Craig Allardice</b> Laboratory Technician	<b>Tony Alcock</b> Laboratory Technician	<b>John Marsh</b> Laboratory Supervisor	<b>Peter Collings</b> Operations Manager

**Decision Rule:**

Lancashire Testing Services have measurement uncertainties for all test standards (available on request) and have applied these measurements to the test result.

The specific level of risk is < 2.5% as stated in ILAC-G8:09/2019. Unless otherwise indicated L.T.S will apply this rule to all measurements reported.

If the measurement result plus/minus the expanded uncertainty with a 95 % coverage probability overlaps the limit, it is not possible to state compliance or non-compliance. The measurement result and the expanded uncertainty with a 95 % coverage probability will then be reported. The report will include the actual value with the uncertainty range.

Lancashire Testing Services Ltd have conducted thorough analysis of the uncertainty of all measurements carried out in the application of the standard or standards detailed in this report. Where possible any associated uncertainty of measurements have been accounted for in the working instructions, so that they have no impact on the reporting of the final result. In instances where uncertainty of measurements can only be taken into account after the test has been conducted, these uncertainty values have been stated on this report. The stated uncertainty of measurement has also been taken into account in the final reporting of the overall result.

Information provided about a customer, from a source other than the customer, shall only be shared with the customer. The provider of the information shall remain confidential to the laboratory unless agreed by the source of the information.

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