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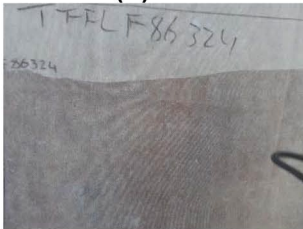
Our Ref: **TFFLF86324**

Date: 07 May 2019

Delivery Date: 18 April 2019

Test Dates: 26 April - 01 May 2019

SAMPLE(S) FOR TEST:



One, Non-Visible Fabric – Ref: 100% PP

Note: The above descriptions are as supplied by the client and have not been verified by FIRA International who can take no responsibility for the accuracy of the description.

TEST REQUIREMENTS:

Schedule 4 part II (based on BS 5852: 1979 Part 1)*
Schedule 5 part III (based on BS 5852: 1979 Part 1)

RESULT:

Pass- P0
Pass- P1

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*The test was carried out using commercially available cigarettes which deviate from the specifications stated in BS 5852: Part 1: 1979 as used for Schedule 4 of the Regulations. Although these cigarettes do not fully meet the specifications laid down in BS 5852: Part 1 this is regarded as having no significant effect on the test.



TFFLF 86324
Page 1 of 3

FIRA International
Registered office: 10 Lower Grosvenor Place,
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Registered in England No: 3181481

TECHNICAL REPORT

DESCRIPTION

Enquiry No: TFFLF86324

Item: One, Non-Visible Fabric – Ref: 100% PP

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.

FURNITURE AND FURNISHINGS (FIRE) (SAFETY) REGULATIONS 1988 - AMENDED 1989, 1993 AND 2010 SCHEDULE 4 PART II FOR NON-VISIBLE COVERS- MODIFICATION TO BS 5852: PART I THE CIGARETTE TEST

Initial Inspection: Condition as new

Conditioning: ≥3 days at indoor ambient conditions and ≥16 hours at 20±5°C & 50±20% rh

Filling material: A combustion modified high resilience foam 24-26kg/m³ Ref: CMHR25.

Test procedure: As defined in Schedule 4 part II of the above Regulations

Test conditions: The test was conducted within the required conditions of 15-30°C & 20-70%rh

RESULTS

Source No.	Application No.	Smoke/ Smoulder	Result -Ignition/Non-ignition
0	1	14min 10sec	PASS N/I
	2	15min 22sec	PASS N/I

COMMENTS

SCHEDULE 4 PART II MODIFICATION TO BS 5852: PART 1 THE CIGARETTE TEST	APP.1	APP.2
Both cigarettes were fully consumed within the stipulated 1 hour time period, however the cover and filling assembly continued to smoulder for greater than the stipulated 60min time period.	NO- PASS N/I	NO- PASS N/I
Progressive smouldering was established, the rate of smoulder was rapid, and the test was terminated before the stipulated time period	NO- PASS N/I	NO- PASS N/I
Flames occurred though progressive smouldering, therefore the test was terminated before the stipulated 60min time period as it was deemed unsafe to continue	NO- PASS N/I	NO- PASS N/I

CONCLUSION

This non-visible fabric Ref: 100% PP, passes the test specified in Schedule 4 Part II of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 - Amended 1989, 1993 and 2010.



TECHNICAL REPORT

DESCRIPTION

Enquiry No: TFFLF86324

Item: One, Non-Visible Fabric – Ref: 100% PP

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.

FURNITURE AND FURNISHINGS (FIRE) (SAFETY) REGULATIONS 1988 - AMENDED 1989, 1993 AND 2010 SCHEDULE 5 PART III THE MATCH TEST (BASED ON BS 5852: 1979 PART 1)

Initial Inspection: Condition as new

Conditioning: ≥3 days at indoor ambient conditions and ≥16 hours at 20±5°C & 50±20% rh

Test procedure: as defined in Schedule 5 part III of the above Regulations using specified combustion modified high resilience foam 24-26kg/m³.

Test conditions: The test was conducted within the required conditions of 15-30°C & 20-70%rh

RESULTS

Source No.	Application No.	Application Time	Flaming time following removal of source	Smoke/Smoulder	Result -Ignition/ Non-ignition
1	1	0min 20sec	00min 00sec	00min 13sec	PASS N/I
	2	0min 20sec	00min 00sec	00min 20sec	PASS N/I

COMMENTS

SCHEDULE 5 PART III THE MATCH TEST BASED ON BS 5852: 1979 PART 1 THE MATCH TEST	APP.1	APP.2
After removal of the ignition source the cover fabric melted open to expose the underlying filling material. The cover and filling assembly immediately ignited. The rate of fire development was rapid and the test was terminated before the stipulated 120sec time period as it was unsafe to continue	PASS N/I	PASS N/I
After removal of the ignition source the cover fabric ignited, flames spread across the surface of the cover, leaving behind an intact char. The cover continued to burn for greater than the stipulated 120sec time period	PASS N/I	PASS N/I
After removal of the ignition source the cover ignited, the cover char split and the underlying filling material ignited, the cover and filling assembly continued to burn for greater than the stipulated 120sec time period	PASS N/I	PASS N/I
All flames ceased within the permitted 120sec, the test assembly continued to smoulder for greater than the stipulated 15min time period	PASS N/I	PASS N/I

CONCLUSION

This non-visible fabric sample Ref: 100% PP, passes the test specified in Schedule 5 Part III of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 - Amended 1989, 1993 and 2010.

Tested by: Tommy Cordwell

Reported by: Luis Mitchell

Approved by: Stephen Cotton
Technical Specialist - Flammability

***** End of Report *****

