



4417

TEST REPORT

No.: AJFTS25003323R01_EN

Date: Jun 06,2025

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QUERSUS SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA

PODRZECZE 182 33-386 PODEGRODZIE POLAND

Sample Description : QUERSUS MATERIAL-SOFT HYDROPHOBIC FABRIC (SHF)**Style/Item No.** : /

The above sample(s) data and information was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion arising therefrom. Results apply to the sample as received.

SGS Ref. No. : NBHL2505012388SD**Sample Receiving Date** : May 27,2025**Testing Period** : May 27,2025 to Jun 04,2025**Test Required** : The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No.1324 (amended 1989,1993 and 2010), Schedule 4 Part I Cigarette test for cover fabrics and Schedule 5 Part I Match test for cover fabrics.

As specified in above standard(s) and incorporated with using ignition source 0 and 1 of BS 5852 Part 1:1979.

Test result(s) : See attached sheet**Conclusion** : The tested sample **Meets** the Requirements of Schedule 4 Part I and Schedule 5 Part I in Statutory Instrument 1988 No.1324 (Amended 1989,1993 and 2010) the Furniture and Furnishings (Fire) (Safety) Regulations.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd Anji Branch

Eva Zhang
Approved signatory

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Test Conducted

The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No. 1324 (amended 1989, 1993 and 2010), Schedule 4 Part I Cigarette test for cover fabrics and Schedule 5 Part I Match test for cover fabrics.
Smouldering cigarette test(ignition source 0) and Butane flame test(ignition source 1) of BS 5852 Part 1:1979.

Conditioning

The specimens were cleansed using a water-soak procedure at 40±1°C as described in BS 5651:1978 and modified by this Regulations 1988 S.I. No. 1324 (amended 1989, 1993 and 2010) Schedule 4 Part I and Schedule 5 Part I.

The specimens were conditioned immediately before the test for 72 h in indoor ambient conditions and then for at least 16 h in an atmosphere having a temperature of 20±5°C and a relative humidity of 50±20%.

At time of testing: Temperature between 15°C ~ 30°C and Relative humidity between 20% ~ 70%.

Test Result

The following test results relate only to the ignitability of the combination of materials under the particular condition of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

(A) Smouldering cigarette test criteria (BS 5852 Part 1:1979)	1 st	2 nd
Clause 9.2.3 Whether the evidence of progressive smouldering or flaming is observed in the interior and/or cover	No	No
Clause 9.2.4 Whether progressive smouldering or flaming of the sample is observed at any time within one hour of placement of the cigarette	No	No
Clause 9.2.5 Whether progressive smouldering is observed on final examination when dismantle assembly and examine internally	No	No
(B) Butane flame test criteria (BS 5852 Part 1:1979)	1 st	2 nd
Clause 9.3.4 Whether the evidence of flaming or progressive smouldering in the interior and/or cover is observed beyond 120s of the removal of the burner tube	No	No
Clause 9.4 On final examination whether progressive smouldering is observed when dismantle assembly and examine internally	No	No



Detailed Results

Cigarette Test			
Test No.		1 st	2 nd
Progressive smouldering (PS) or Flaming (F)		No	No
Duration of	Ignition source (min, s)	20 min 26 s	20 min 16 s
	Flames (min, s)	0 s	0 s
	Smoke (min, s)	20 min 36 s	20 min 26 s
Final examination of progressive smouldering (9.4)		No	No
Reason for failure (Ref to failure code)		--	--
Comments & observations		No	No
Result		Pass	Pass

Match Test			
Test No.		1 st	2 nd
Progressive smouldering (PS) or Flaming (F)		No	No
Duration of	Ignition source (19-21 s)	20 s	20 s
	After flames (min, s)	0 s	0 s
	Smoke (min, s)	30 s	30 s
Final examination of progressive smouldering (9.4)		No	No
Reason for failure (Ref to failure code)		--	--
Comments & observations		No	No
Result		Pass	Pass

Remark: The submitted sample was tested in combination with standard worse case scenario non-flame retardant conventional polyurethane foam as specified in the Regulations.

Statement: The decision rules for statements of conformity (Pass/Fail) have been applied to any results that results in a numerical value and are based on the probability conformance of 95% (UKAS LAB 48) agreed with the customer at the contract review stage.



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Photo Appendix:

Details of sample:

Color: Black

This Fabric sample of approximate area density of 474 g/m².



SGS authenticate the photo on original report only

*** End of Report ***



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