

**TEST REPORT NO: 182835**

Date: 17 October 2022

**PIERRE FREY SAS  
47 RUE DES PETITS CHAMPS  
75001 PARIS  
FRANCE**

The following sample(s) was/were submitted and identified by/on behalf of the client as:

|                                    |  |
|------------------------------------|--|
| Retailer                           | Not Specified                                |
| Description of article             | SAMPLE LENGTH OF WOVEN FABRIC - F2764 SPIRIT |
| Retailer style number              | NATURAL                                      |
| Retailer Standard Number           | UNKNOWN                                      |
| Order No./ Buyer                   | F2764 SPIRIT                                 |
| Quality/Fibre Composition          | UNKNOWN                                      |
| Date Sample Received/Test Started: | 13 October 2022                              |

| Tests                          | Pass | Fail | Remarks |
|--------------------------------|------|------|---------|
| BS EN 1021-1 Ignition Source 0 | X    |      |         |
| BS EN 1021-2 Ignition Source 1 | X    |      |         |

(please note our uncertainty of measurement has been taken into account when the above results were pass/failed)  
(Any statement of conformity made in this report unless otherwise stated in the test specification(s) is in line with SGS United Kingdom (Leicester) Decision rule LEI-GEN-PROC-012).

Signature



**Nicola Moon Customer Services Supervisor**

For and on behalf of  
SGS United Kingdom Ltd

All samples are conditioned to ISO 139 where conditioning is required (unless otherwise stated)

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Customer: **PIERRE FREY SAS** Test Report No: **182835**

**Test Results**  
**BS EN 1021 -1 & 2:2014**  
**Assessment of the ignitability of upholstered furniture**  
**Part 1 – Ignition source smouldering cigarette / Part 2 – Ignition source match flame**

**Description of Test Sample: F2764 Spirit fabric natural**

**Test Requested**

The test specimen has been tested to BS EN 1021 – 1 & 2: 2014 Smouldering cigarette and match flame.

**Pre – Treatment**

The customer has stated that the supplied test specimen has not been chemically treated so therefore no water soaking procedure has been performed.

**Conditioning**

All materials to be tested and the cigarettes have been conditioned for at least 24 hours immediately before the tests in an atmosphere  $23 \pm 2^{\circ}\text{C}$  and  $50 \pm 5\%$  r.h.

**Comments on Test Results**

The test specimen meets the requirements of BS EN 1021-1 & 2: 2014 where the result for both tests has been stated as non-ignition.

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**Test Results**

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

**Ignition source Smouldering Cigarette**

|  | Criteria of ignition      | Cigarette 1<br>Criteria Observed | Cigarette 2<br>Criteria Observed |
|--|---------------------------|----------------------------------|----------------------------------|
| Progressive<br>smouldering<br>ignition | Clause 3.1a               | No                               | No                               |
|  | Clause 3.1b               | No                               | No                               |
|  | Clause 3.1c               | No                               | No                               |
|  | Clause 3.1d               | No                               | No                               |
|  | Clause 3.1e               | No                               | No                               |
| Flaming<br>Ignition                    | Occurrence of flames      | No                               | No                               |
|  | <b>Ignition occurring</b> | Non – Ignition                   | Non – Ignition                   |

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**Test Results**

**Ignition source Match Flame**

|   | Criteria of Ignition      | Match Flame 1<br>Criteria Observed | Match Flame 2<br>Criteria Observed |
|---|---------------------------|------------------------------------|------------------------------------|
| <b>Progressive<br/>smouldering<br/>ignition</b> | Clause 3.1a               | No                                 | No                                 |
|   | Clause 3.1b               | No                                 | No                                 |
|   | Clause 3.1c               | No                                 | No                                 |
|   | Clause 3.1d               | No                                 | No                                 |
|   | Clause 3.1e               | No                                 | No                                 |
| <b>Flaming<br/>ignition</b>                     | Clause 3.2a               | No                                 | No                                 |
|   | Clause 3.2b               | No                                 | No                                 |
|   | Clause 3.2c               | No                                 | No                                 |
|   | Clause 3.2d               | No                                 | No                                 |
|   | <b>Ignition occurring</b> | Non – Ignition                     | Non – Ignition                     |

The test specimen was tested over Combustion modified foam (CMHR) with a density of 35kg/m<sup>3</sup>.

**Smouldering criteria of Ignition**

- Clause 3.1a – Test assembly displays escalating combustion behaviour so that it is unsafe to continue
- Clause 3.1b – Test assembly that smoulders until it is largely consumed
- Clause 3.1c – Test assembly that smoulders to the extremities within the test duration
- Clause 3.1d – Test assembly that smoulders after one hour from application of the ignition source
- Clause 3.1e – Test assembly on final examination shows evidence of progressive smouldering

**Flaming Ignition**

- Clause 3.2a – Test assembly displays escalating combustion behaviour so that it is unsafe to continue
- Clause 3.2b – Test assembly burns until it is essentially consumed
- Clause 3.2c – Flame reaches the lower margin, either side or passed through the full thickness
- Clause 3.2d – Flaming continues for more than 120 seconds after removal of burner tube

Measurement of uncertainty

Ignition source 0: +0sec/-60sec progressive smouldering

Ignition source 1: +0sec/-60sec smouldering +0sec/-2sec flaming

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## Test Results



End of Report

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