



TEST REPORT NO:047028A Replaces 047028

Date:16 October 2009

**FIDIVI TESSITURA VERGNANO S.P.A**  
**REGIONE MASIO 19 BIS**  
**10046 POIRINP (TORINO)**  
**ITALY**

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

|                          |                             |
|--------------------------|-----------------------------|
| Retailer                 | Not Specified               |
| Description of article   | Red Fabric                  |
| Retailer style number    | Unknown                     |
| Retailer Standard Number | Unknown                     |
| Order No./ Buyer         | GOAL                        |
| Fabric / Yarn Quality    | 55% Polyester 45% Polyamide |
| Date Sample(s) Received: | 07 October 2009             |

#### **Result Summary/Conclusion**

##### **Test**

BS EN 1021-1 Ignition Source 0  
(Cigarette) Incl water soak

##### **Remarks**

Tests as requested by the customer.

Signature

For and on behalf of  
SGS Leicester Ltd.

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|                        |                                 |
|------------------------|---------------------------------|
| <b>Customer:</b>       | FIDIVI Tessitura Vergnano S.p.A |
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### **Test Request**

The sample supplied is a woven fabric and has been tested to EN 1021-1:2006, Smouldering Cigarette and Match Ignition.

### **Fibre Identification:**

Reputed Fibre Composition. 55% Polyester/45% Polyamide

### **Pre-Treatment:**

The sample was cleansed using a water-soak procedure at 40°C ± 1°C as described in Annex D and lined dried.

### **Conditioning:**

The sample was conditioned at ambient indoor conditions for a minimum of 72 hours followed by conditioning in a standard atmosphere having a temperature of 23°C ± 2°C and a relative humidity of 50% r.h. ± 5% for a minimum of 16 hours.

### **Comments on Test Results:**

**The fabric sample supplied meets the requirements of EN 1021-1:2006 Smouldering Cigarette.**

### **Results:**

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

### **Cigarette Test**

Pass criteria: ~ When two samples are tested no progressive smouldering or flaming is to be observed within 1 hour of placement of the cigarette. If the cigarette fails to smoulder to its complete length, the test is repeated in a new position not less than 50mm from the previous damage. No progressive smouldering is to be present in the final examination.

|                                   | <u>Cigarette Ignition</u> |                |
|-----------------------------------|---------------------------|----------------|
| Specimen Number                   | 1                         | 2              |
| Smouldering time of the Cigarette | 20 mins 24 secs           | 21 mins 6 secs |
| Smouldering                       | N                         | N              |
| Flaming                           | N                         | N              |
| Smoking                           | N                         | N              |
| After Glow                        | N                         | N              |
| Cover Splitting                   | Y                         | Y              |
| <i>Final Examination</i>          | P                         | P              |

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|                        |                                    |
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**Extent of Damage: ~**

|                    |             |    |            |    |            |   |
|--------------------|-------------|----|------------|----|------------|---|
| <b>Cigarette 1</b> |             |    |            |    |            |   |
| Fabric             | Seat Length | 20 | Seat Width | 68 |            |   |
|                    | Back length | 19 | Back Width | 67 |            |   |
| Foam               | Seat Width  | 67 | Seat Depth | 9  |            |   |
|                    | Back length | 18 | Back Width | 66 | Back Width | 8 |
| <b>Cigarette 2</b> |             |    |            |    |            |   |
| Fabric             | Seat Length | 20 | Seat Width | 69 |            |   |
|                    | Back length | 20 | Back Width | 68 |            |   |
| Foam               | Seat Width  | 67 | Seat Depth | 9  |            |   |
|                    | Back length | 19 | Back Width | 67 | Back Width | 9 |

*Key to results: ~*

Y= Yes      N=No      N/A= Not Applicable

P=Pass F=Fail      DNS= Did not smoulder

Note. All dimensions quoted are in mm.

**\*End of Report\***

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