

## CONFIDENTIAL REPORT

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Date: 23 June 2005

Client: Serge Ferrari S.A.  
Zone Industrielle – B.P. 54  
38352 La Tour-du-Pin Cedex  
France

Job title: Flammability testing of one coated fabric

Client's order or ref no: Letter 6 June 2005

Date of receipt: 13 June 2005

Description of sample(s): One PVC coated polyester fabric, referenced:  
PRECONSTRAINT 502, 2.70ml  
Weight: 590 g/m<sup>2</sup> ±5%  
Thickness: 0.47mm ±10%  
Polyester 1100dtex: 31%  
PVC flame retardant: 69%

Work requested: Flammability testing to BS 7837: 1996

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**Performance Standard:** BS 7837: 1996

**Test Method:** BS 5438: 1989 Test 2B (Bottom edge ignition)  
 Flame application time = 10s  
 Trimmed edge  
 Face marked by client towards burner

**Cleansing Pretreatment:** Watersoaked according to BS 5651: 1989 Clause 3

**Summary of Results:**

"These results were obtained using the specified test conditions and do not necessarily represent the behaviour of the test material under other conditions of test or use."

Specimen	1↑	2↓	3↑	4→	5←	6→
Duration of flaming, s	1.8	1.5	2.6	1.7	1.3	1.3
Duration of afterglow, s	0	0	0	0	0	0
Flaming debris	No	No	No	No	No	No
Flame to edge	No	No	No	No	No	No
Hole to edge	No	No	No	No	No	No
Glow to edge	No	No	No	No	No	No
Max damaged length, mm	52	56	58	49	58	61
Ignition of filter paper	No	No	No	No	No	No

**Assessment:**

BS 7837: 1996 Requirements

The sample shall be deemed to perform satisfactorily (pass), if, for at least five of the six test specimens: (a) the duration of flaming does not exceed 5s after removal of the igniting flame; and (b) the lowest boundary of any flame does not reach the upper or either vertical edge; and (c) the filter paper does not smoulder or flame.

This coated fabric complies with the requirements of BS 7837: 1996.

END OF REPORT

**Reported by:** *Juan Jackson* ..... J M Jackson (Laboratory Technician)

**Countersigned by:** *P Eaton* ..... P M Eaton (Operational Head)

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