

# FIRE TECHNOLOGY SERVICES

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## CONFIDENTIAL REPORT

Ref: 30/03072/3 Page 1 of 2

Date: 5 February 2007

Client: Serge Ferrari S.A.  
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 29 January 2007

Date of receipt: 31 January 2007

Description of sample(s): One PVC coated polyester fabric, referenced:  
PRECONTRAIINT 502  
Weight: 590g/m<sup>2</sup> ±5%  
Thickness: 0.48mm ±10%  
Polyester 1100dtx: 29%  
PVC flame retardant: 71%

Work requested: Flammability testing to BS 7837: 1996

英國標準  
協會註冊  
認證機構  
BTTG

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**Ref:** 30/03072/3 Page 2 of 2

**Client:** Serge Ferrari S.A.

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Thickness: 0.48mm ±10%  
Polyester 1100dtex: 29%  
PVC flame retardant: 71%

**Performance Standard:** BS 7837: 1996

**Test Method:** BS 5438: 1989 Test 2B (Bottom edge ignition)  
Flame application time = 10s  
Trimmed edge  
Shiny face 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	1.7	1.6	1.5	1.5	1.2	1.5
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	32	45	47	55	50	55
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:** *J M Jackson* ..... J M Jackson (Laboratory Technician)

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



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