



**FIRE
TECHNOLOGY
SERVICES**

Confidential Report

Our Ref: 30/06761/2



**FIRE
TECHNOLOGY
SERVICES**

**Unit 4B Stag Industrial Estate
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22 May 2013

Page 1 of 2

Our Ref: 30/06761/2

Client: AB Ludvig Svensson
Bangatan 8
SE-511 82
KINNA
Sweden

Job Title: Flammability testing of one non-woven fabric

Clients Order Ref: Letter dated 6 May 2013

Date of Receipt: 10 May 2013

Description of Sample: Silver non-woven fabric, referenced:
Nuovi
99% Trevira / 1% Aluminium

Work Requested: Testing to BS 5867-2: 2008 Type "B" performance requirements
(tested in the "as received" condition only)





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Page 2 of 2

Our Ref: 30/06761/2
AB Ludvig Svensson

Sample: Silver non-woven fabric, referenced:
Nuovi
99% Trevira / 1% Aluminium

Performance Standard: BS 5867-2: 2008 Type "B" performance requirements

Test Method: BS EN ISO 15025: 2002
Flame application time = 15s

Face Tested: Silver (foil)

Cleansing Pretreatment: None (tested in the "as received" condition only at the request of the client)

Summary of Results:

Date of test: 17 May 2013 Laboratory temperature: 20°C Laboratory relative humidity: 50%

Specimen	1↑	2↓	3↑	4→	5←	6→
Flaming to edge	No	No	No	No	No	No
Afterflame time, sec	20	0	23	3	0	0
Afterglow spreads	No	No	No	No	No	No
Afterglow time, sec	0	0	0	0	0	0
Debris observed	No	No	No	No	No	No
Flaming debris	No	No	No	No	No	No
Hole formed	Yes	Yes	Yes	Yes	Yes	Yes
Holing to edge	No	No	No	No	No	No

Assessment:

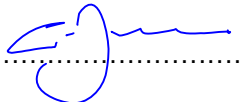
BS 5867-2: 2008 Type "B" performance requirements

No part of any hole nor any part of the lowest boundary of any flame shall reach the top edge or either vertical edge of the sample. If any part of any hole or any part of the lowest boundary of any flame, reaches the top edge or either vertical edge, or if there is any separation of flaming debris droplets in the testing of one specimen, a further six specimens shall be tested. If all six new specimens comply with the above requirements, the fabric shall be deemed to conform to the requirements for type "B" of this British standard.

Tested in the "as received" condition this fabric complies with the requirements of BS 5867-2: 2008, Type "B" (subject to the proviso that the Clause 4 Sampling requirements have not been taken into account).

An estimation of uncertainty of measurement has not been taken into account when making a judgement to any pass/fail criteria.

Reported by:.....  P M Collinson, Laboratory Technician

Countersigned by:.....  C Dean, Operational Head

