



TEST REPORT NO:072247A (Replaces 072247)

Date:27 September 2012

**BUTE FABRICS LIMITED
4 BARONE ROAD
ROTHESAY
ISLE OF BUTE
SCOTLAND
PA20 ODP**

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

Retailer	Not Specified
Description of article	Grey/Beige woven fabric + foam
Retailer style number	CF761/2913 Batch 23968/01
Retailer Standard Number	Bute
Order No./ Buyer	135311/2960 (135312)
Fabric / Yarn Quality	95% PNW 5% Nylon
Date Sample(s) Received:	20 September 2012

Test

BS7176 Medium Hazard

Remarks

Tests as requested by the customer

Signature

For and on behalf of
SGS Leicester Ltd.

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Customer: BUTE FABRICS LIMITED **Test Report No:** 072247A (Replaces 072247)

Test Request

The sample supplied is a woven fabric and has been tested to BS 7176:2007 using EN 1021-1-2:2006 Smouldering Cigarette and Match and BS 5852:2006 Ignition Source 5 (Medium hazard)

Fibre Identification

Reputed Fibre Composition 95% Pnw 5% Nylon

Pre Treatment:

The sample for Cigarette and Match was cleansed using a water-soak procedure at $40\pm 1^{\circ}\text{C}$ as described in BS EN 1021-1-2:2006 Annex D and then line dried.

The sample for Ignition source 5 was cleansed using a water-soak procedure at $40\pm 1^{\circ}\text{C}$ as described in BS 5852:2006, Annex E and then line dried.

Conditioning:

The sample for Cigarette and Match was conditioned at ambient conditions, followed by conditioning in a standard atmosphere having a temperature of $23\pm 2^{\circ}\text{C}$ and a relative humidity of $50\pm 5\%$ r.h for a minimum of 24 hours.

The sample for Ignition Source 5 was conditioned at ambient conditions for 72 hours and then in a standard atmosphere having a temperature of $23\pm 2^{\circ}\text{C}$ and a relative humidity of $50\pm 5\%$ r.h for a minimum of 24 hours.

Comments on the Results

The fabric sample supplied meets the requirements of BS EN 1021-1-2:2006 Smouldering Cigarette and Match test, BS 5852:2006 Ignition Source 5 and can be classified as 'Medium Hazard'.

Results

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

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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.

Specimen Number	Cigarette Ignition	
	1	2
Smouldering Time of the Cigarette	21mins 46secs	20mins 11secs
Smouldering	NPS	NPS
Flaming	N	N
Smoking	N	N
Afterglow	N	N
Cover Split	N	N
Final Examination	P	P

Match Test:

Pass Criteria: ~ Disregard flaming or progressive smouldering which ceases within 120seconds of the removal of the burner tube.

Match Test				
Specimen Number	1	Time	2	Time
Smouldering	N	-	N	-
Flaming	Y	3secs	N	-
Smoking	Y	14secs	Y	10secs
Afterglow	N	-	N	-
Cover split	N	-	N	-
Final Examination	P		P	

Ignition Source 5

Pass Criteria: ~ Disregard flaming which ceases within 10 minutes and smoke, heat or glowing which ceases within 60minutes of igniting the crib.

No smouldering is to be present in the final examination

Specimen Number	1	Time	2	Time
Smoking	Y	7mins 10secs	Y	6mins 47secs
Smouldering	N	-	N	-
Flaming	Y	3mins 24secs	Y	3mins 29secs
Afterglow	N	-	N	-
Damage exceeds limits of clauses 4.1(e) 4.1(f) or 4.2(f)	N	-	N	-
Final Examination	P		P	

Key:

Y=Yes N=No P=Pass F=Fails N/A= Not Applicable.

Please note the samples were tested over 38kg foam supplied from the customer

End of Report

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