



Textiles and Apparel Solutions Centre,  
The Warehouse, Brewery Lane,  
Leigh, Lancashire, WN7 2RJ, UK

Telephone: +44 (0) 1942 265 700  
Facsimile: +44 (0) 1942 670 788  
www.intertek.com/consumergoods

## FLAMMABILITY TEST REPORT

Report No.: LEHTX00580677B    Date Received: 10/05/11    Dates Tested: 16/05/11    Date Issued: 16/05/11

**Company Name & Address:** GALA TENT LTD  
UNIT 1 PARK SPRINGS  
SPRINGVALE ROAD  
GRIMETHORPE  
BARNSELEY  
SOUTH YORKSHIRE  
S72 7BQ

**Contact Name:** GARY MACE

### Sample Details

Description: Not stated  
Reference No.: Not stated  
Style No.: 1 mtr. square  
Quality: P.V.C Sample  
Colour(s) : White  
Supplier: Not stated  
End use: Marquee  
Fibre Composition: 500 Denier  
Sample description: White coloured woven polymeric material

Test Method	Pre Treatment	Flammability performance requirements	Result
BS 5438:1989 Test Method 2B	Watersoaked as clause 3 of BS 5651: 1989 then line dried	BS 7837: 1996	PASS

STEVEN OWEN  
(Chemical Technologist)

CAROLE SPOWART  
(Flammability Technician)

ANDREW WHITE  
(Quality Manager)

SIMON CHEE  
(Analytical Lab Manager)

Report No.: LEHTX00580677B Page 1 of 2



## FLAMMABILITY TEST REPORT

### Test Specification

Test method: Test method 2B of BS 5438: 1989 as required by BS 7837: 1996  
Criterion of ignition: 40mm high Butane gas flame  
Ignition type: Bottom edge (Raw)  
Flame application time: 10 seconds  
Sample size: 200 x 160mm

### Pre-treatment / Durability procedure

Watersoaked as clause 3 of BS 5651: 1989 then line dried

### Conditioning

Prior to testing: At least 24 hours in an atmosphere having a temperature of  $20 \pm 2^\circ\text{C}$ . and a relative humidity of  $65 \pm 5\%$   
At time of testing: Temperature between  $15^\circ\text{C}$  &  $30^\circ\text{C}$ .  
Relative humidity between  $35\%$  &  $75\%$ .  
Air movement less than  $0.2\text{m/s}$ .

### Test Results

"The test 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."

Sample No./ Direction	Duration of flaming (Secs)	Duration of afterglow (Secs)	Flaming debris	Flame to edge	Hole to edge	Maximum damaged length (mm)	
						Horizontal	Vertical
1. Length ↑	0.0	0.0	No	No	No	30	75
2. Length ↓	0.0	0.0	No	No	No	30	88
3. Length ↑	33.6	0.0	No	No	No	38	92
4. Width →	0.0	0.0	No	No	No	23	80
5. Width ←	0.0	0.0	No	No	No	27	87
6. Width →	0.0	0.0	No	No	No	25	83

Please Note: If only one sample fails an extra 6 shall be tested

### Extra 6 Samples

Sample No./ Direction	Duration of flaming (Secs)	Duration of afterglow (Secs)	Flaming debris	Flame to edge	Hole to edge	Maximum damaged length (mm)	
						Horizontal	Vertical
1. Length ↑	0.0	0.0	No	No	No	27	90
2. Length ↓	0.0	0.0	No	No	No	23	93
3. Length ↑	0.0	0.0	No	No	No	25	110
4. Width →	0.0	0.0	No	No	No	25	95
5. Width ←	0.0	0.0	No	No	No	18	73
6. Width →	0.0	0.0	No	No	No	24	95

### Conclusions

The sample tested meets the flammability performance requirements of BS 7837: 1996. **PASS.**