

## FLAMMABILITY TEST REPORT

**Report No.:** LEHTX00561789    **Date Received:** 17/12/10    **Date Tested:** 21/12/10    **Date Issued:** 21/12/10

**Company Name & Address:** THOMAS KNEALE & CO LTD  
ARBRY HOUSE  
UNIT 6  
PICCADILLY TRADING ESTATE  
MANCHESTER  
M1 2NP

**Contact Name:** FARRAH CUNNINGHAM

**Sample Details**

Description: Fire Retardant Shower Curtain  
Order No.: TK/YP/FRSC  
Ref/Style No.: TK/YP/FRSC  
Colour(s): White  
Supplier: YP  
End use: Shower Curtain  
Quoted fibre composition: 100% Polyester  
Fabric type: Woven  
Sample description: White coloured woven fabric

Test Method	Pre Treatment	Flammability performance requirement	Result
BS 5867: Part 2: 2008	The sample was tested without any form of cleansing or wetting procedure as requested by the customer.	Type B	Complies

**Note:** In accordance with clause 7 of BS 5867: Part 2: 2008 a fabric for which compliance with the requirements of this standard is claimed shall be supplied with the following information, the manufacturer's name, trademark or other identifying mark, the statement 'Flammability complies with the requirements of BS 5867: Part 2 Type B' and instructions on any special precautions to be taken concerning care (including cleansing) of the product, preferably using an appropriate care labeling symbol in accordance with BS EN ISO 3758 and taking account of the durability procedure used in this test.

Fabrics which are claimed to be treated with a non-durable flame-retardant finish may be tested without any form of cleansing or wetting procedure prior to testing if agreed between the parties involved. BS 5867: Part 2: 2008 states that if the fabric tested has not been subjected to any form of cleansing or wetting procedure prior to testing due to the fabric being treated with a non-durable flame retardant finish it is important that the fabric be clearly labeled as follows:

**WARNING: IF WETTED IN ANY WAY IT IS ESSENTIAL TO RE-TREAT THE FABRIC TO MEET FLAMMABILITY REQUIREMENTS. Or:**  
**WARNING : WETTING IN ANY WAY MIGHT REMOVE THE FIRE RESISTING QUALITIES OF THE FABRIC**



STEVEN OWEN  
(Chemical Technologist)

CAROLE SPOWART  
(Flammability Technician)

ANDREW WHITE  
(Quality Manager)

SIMON CHEE  
(Analytical Lab Manager)

## FLAMMABILITY TEST REPORT

### Test Specification

Test method: BS 5867: Part 2: 2008 Type B using BS EN ISO 15025:2002  
(With the modifications from clause 6.3.2 of BS 5867: Part 2: 2008).

Criterion of ignition: 25mm horizontal reach Butane gas flame

Ignition type: Surface

Flame application time: 15±1 seconds

Sample size: 200 x 160mm

Side tested: Face

### Pre-treatment / Durability procedure

None

### Conditioning

Prior to testing: At least 24 hours in an atmosphere having a temperature of 20±2°C. and a relative humidity of 60±5%

At time of testing: Temperature between 15°C & 30°C. Relative humidity between 20% & 65%

### Test Results Before Pre-Treatment

Report of tests carried out in accordance with BS EN ISO 15025:2002. The results may not apply to situations where there is restricted air supply or prolonged exposure to large sources of intense heat as in a conflagration.

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	41	79
2. Length ↓	0.0	0.0	No	No	No	40	83
3. Length ↑	0.0	0.0	No	No	No	39	75
4. Width →	0.0	0.0	No	No	No	37	73
5. Width ←	0.0	0.0	No	No	No	37	75
6. Width →	0.0	0.0	No	No	No	38	74

### Conclusions

When tested without any form of cleansing or wetting procedure the sample meets the flammability performance requirements of BS 5867: Part 2: 2008 Type B. **PASS.**