

Test Certificate 71441 - 1

Report Details

Report Number	71441 - 1	Date Submitted	21-Nov-18
Service Requested	BS 5867-2: 2008 - Type C	Date Issued	23-Nov-18

Customer Details

Company Name	[REDACTED]	Company Address	[REDACTED]
Customer Contact	[REDACTED]		
Customer Ref/PO	[REDACTED]		

Sample Details As supplied by the customer

Sample Description	57" SPUN INHERENT FR POLYESTER		
Fibre Composition	100% POLYESTER		
Quality/Batch Ref	[REDACTED]		
Colour	WHITE		
Sample End Use			
Model Ref		Manufacturer	
		Supplier / Buyer	

Performance Requirement:

BS 5867-2: 2008 Type C – Flammability requirements specification – Fabrics for curtains, drapes and window blinds.

Test Method:

BS EN ISO 15025: 2002 Procedure A (Surface Ignition) – Protective clothing – Protection against heat and flame. Methods of test for limited flame spread.

Pre-Treatment:

Prior to testing, one set of specimens had been subjected to 12 standard wash cycles in accordance with BS EN ISO 15028 (Standard) and then line dried in ambient atmospheric conditions.

Conditioning:

The sample was conditioned for at least 24 hrs in a specified atmosphere at $20 \pm 2^{\circ}\text{C}$ and $65 \pm 5\%$ r h.

Pass / Fail Criteria:

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 any flaming debris droplets in the testing from any specimen, or if the mean after flame or afterglow times exceed 2.5 seconds the fabrics shall be deemed not to comply with the requirements for type "C" of BS 5867-2

Please note: The test results issued on this certificate refer only to the item tested and therefore does not relate to the lot or batch of the product / sample. This test certificate shall not be duplicated.

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Test Results

Test 1 - Before Wash	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Surface Tested:	Face		Back		Face		Back		Face		Back		Face		Back	
Specimen Direction:	↑	→	↑	→	↑	→	↑	→	↑	→	↑	→	↑	→	↑	→
Application Time:	5 Seconds		5 Seconds		15 Seconds		15 Seconds		20 Seconds		20 Seconds		30 Seconds		30 Seconds	
Flaming Ceased:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Afterglow Ceased:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hole Formed:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hole Reached the Edge:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Flame Reached the Edge:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Flaming Debris:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Damage Length [mm]:	43	47	44	44	53	55	52	50	52	56	54	56	55	55	56	54
Damage Width [mm]:	16	22	17	24	17	24	16	21	16	20	16	20	16	18	17	20
Average After Flame < 2.5S	0.0															
Average After Glow < 2.5S	0.0															

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Test 2 - After Wash	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Surface Tested:	Face		Back		Face		Back		Face		Back		Face		Back	
Specimen Direction:	↑	→	↑	→	↑	→	↑	→	↑	→	↑	→	↑	→	↑	→
Application Time:	5 Seconds		5 Seconds		15 Seconds		15 Seconds		20 Seconds		20 Seconds		30 Seconds		30 Seconds	
Flaming Ceased:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Afterglow Ceased:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hole Formed:	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hole Reached the Edge:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Flame Reached the Edge:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Flaming Debris:	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Damage Length [mm]:	44	42	46	46	53	55	54	48	47	48	51	54	56	53	50	54
Damge Width [mm]:	15	28	15	24	17	27	23	23	18	24	21	27	20	23	17	26
Average After Flame < 2.5S	0.0															
Average After Glow < 2.5S	0.0															

Overall Result: PASS

The sample supplied meets the type C performance requirement of BS 5867-2: 2008 when tested in accordance with BS EN ISO 15025: 2002 Procedure A (Surface Ignition) before and after cleansing.

Authorised Signature:



Zeb Alam

Operations Director

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