

Fire Test Certificate – Specimen

Fabric: Euro Wool Serge
Type: NFPA 701



the inspiration behind the performance



96-D Allen Boulevard
 Farmingdale, New York 11735-5628 USA
 Tel. +1 (631) 293-8944 Fax +1 (631) 293-8956
 email: govmark.accounting@sgs.com

Page 1

Received:01/20/2020	Completed:01/22/2020	Letter: S	JR	P.O.#: 59722	Test Report #: 3-36712-0-
Client's Identification	Style: Euro Wool Serge DFR. Composition: Wool. Weight: 786 gsm. product End Use: Stage & Event Draperies.				
Tested For: Andrew Walsh	Key Test: NFPA 701-2019 TM#1				275
J & C Joel, Ltd. Corporation Mill, Corporation St.UK Sowerby Brdg, Halifax, W Yorkshire		Tel: 011 422 833 835		Ext: Fax:	
LE:2019 V:01/19			PC: 0.5H DL/jd		
TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2019 Edition - Test Method #1					
PRODUCT CONFIGURATION: <input checked="" type="checkbox"/> Single Layer; <input type="checkbox"/> Multi Layer					
RESULTS REPORTED: <input checked="" type="checkbox"/> Initially; <input type="checkbox"/> After 3 dry cleanings; <input type="checkbox"/> After 5 launderings @ 160°F					
RESULTS:					
Specimen #	Afterflame* (seconds)	Flaming Drip/Debris (seconds)	Weight Loss (percent)		
1	1.4	0	12.6		
2	0.0	0	12.8		
3	8.0	0	24.3		
4	2.9	0	21.4		
5	0.0	0	7.9		
6	2.3	0	17.2		
7	0.0	0	8.8		
8	0.0	0	11.0		
9	1.7	0	23.4		
10	4.5	0	16.8		
Mean:		0	Mean: 15.6		
STATISTICAL VALUES: SD = 5.9 3 SD = 17.8 Mean + 3 SD = 33.4					
ABBREVIATIONS USED: SD = Standard deviation. NT = Not tested.					
APPROXIMATE WEIGHT OF MATERIAL (as measured by SGS): 642 g/m ²					
PRECONDITIONING: <input checked="" type="checkbox"/> 0.5 hr @ 220°F (Standard) <input type="checkbox"/> 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)					
CONVERSION FACTOR: g/m ² + 28.35 x .835 = oz/yd ²					
NOTE:					
1. All specimens prepared in the length direction.					
2. See addendum for individual specimen weights.					
(Page 1 of 2)					

File Copy


Fire Test Certificate – Specimen

Fabric: Euro Wool Serge
Type: NFPA 701



96-D Allen Boulevard
 Farmingdale, New York 11735-5628 USA
 Tel. +1 (631) 293-8944 Fax +1 (631) 293-8956
 email: govmark.accounting@sgs.com

Page 2

Received: 01/20/2020	Completed: 01/22/2020	Letter: S	JR	P.O.#: 59722	Test Report #: 3-36712-0-										
Client's Identification	Style: Euro Wool Serge DFR. Composition: Wool. Weight: 786 gsm. product End Use: Stage & Event Draperies.														
Tested For: Andrew Walsh J & C Joel, Ltd. Corporation Mill, Corporation St. UK Sowerby Brdg, Halifax, W Yorkshire	Key Test: NFPA 701-2019 TM#1		275												
		Tel: 011 422 833 835		Ext:											
		Fax:													
<p>REMARKS:</p> <p><input type="checkbox"/> Flames did not project above the top of the specimen. <input checked="" type="checkbox"/> Flames projected above the top of the specimen; Specimen #'s 1, 3, 4, 6, 9, 10 <input type="checkbox"/> Other: _____</p> <p>FAILURE CRITERIA: As cited by NFPA 701 - 2019 Edition Test Method #1</p> <table border="1"> <thead> <tr> <th rowspan="2">Afterflame</th> <th rowspan="2">Flaming Drip/Debris (Mean)</th> <th colspan="2">Weight Loss (percent)</th> </tr> <tr> <th>Mean</th> <th>Individual Specimen</th> </tr> </thead> <tbody> <tr> <td>*</td> <td>Exceeds 2 seconds</td> <td>Exceeds 40%</td> <td>Exceeds Mean + 3 SD</td> </tr> </tbody> </table> <p>CONCLUSION: Based on the Results on page 1 and the above Failure Criteria cited by NFPA 701 - 2019 Edition Test Method #1, the item tested:</p> <p><input checked="" type="checkbox"/> Passes; <input type="checkbox"/> Fails; <input type="checkbox"/> Requires testing of 10 additional specimens i.e. only one individual specimen failure was noted</p> <p>* Afterflame is required to be recorded; however, the NFPA document does not factor it into the Failure Criteria reporting requirements. It should be noted that excessive afterflames could be cause for rejection by local fire authorities performing "match" field tests.</p> <p>CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.</p> <p> AUTHORIZED SIGNATURE SGS /jab /pm</p> <p>Phyllis Pettit JAN 29 2020</p> <p>(Page 2 of 2)</p>						Afterflame	Flaming Drip/Debris (Mean)	Weight Loss (percent)		Mean	Individual Specimen	*	Exceeds 2 seconds	Exceeds 40%	Exceeds Mean + 3 SD
Afterflame	Flaming Drip/Debris (Mean)	Weight Loss (percent)													
		Mean	Individual Specimen												
*	Exceeds 2 seconds	Exceeds 40%	Exceeds Mean + 3 SD												

The results contained in this report relate only to item(s) tested. The test report shall not be reproduced, except in full, without written approval from Govmark.

File Copy

Fire Test Certificate – Specimen

Fabric: Euro Wool Serge
Type: NFPA 701



Client Name : J&C Joel, Ltd
Addendum to Test Report #: 3-36712-0-S
Test : NFPA 701 TMI

Specimen #	Weight Before Test (g)	Weight After Test (g)	Percent Weight Loss
1	41.20	36.00	12.6
2	39.00	34.00	12.8
3	37.80	28.60	24.3
4	38.40	30.20	21.4
5	38.20	35.20	7.9
6	38.40	31.80	17.2
7	38.60	35.20	8.8
8	38.20	34.00	11.0
9	39.40	30.20	23.4
10	39.40	32.80	16.8

Mean Percent Weight Loss : 15.6
Standard Deviation : 5.9
3 x Standard Deviation : 17.8
Mean + 3 x Standard Deviation : 33.4

SPECIMEN