

Fire Test Certificate

Fabric: Royal
Type: NFPA 701

J&C Joel 
Inspiration in every performance

SGS GOVMARK

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Received:02/15/2019	Completed:02/18/2019	Letter: N	BG	P.O.#: 55778	Test Report #: 3-30911-0-																																																
Client's Identification	Style: Velvet Velour 122cm wide. Date of Mfg.: February 2019. Composition: 100% Cotton. Weight: 375/395 gsm. Product End Use: Stage Draperies/Event Draperies. (see continuation)																																																				
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																																																	
<p>CLIENT'S IDENTIFICATION (continuation):</p> <p>Additional Information: Dyed and Treated with Flame-Retardant Solution.</p> <p>LE:2019 V:01/19 PC: 0.5H DL/jd</p> <p>TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2019 Edition - Test Method #1</p> <p>PRODUCT CONFIGURATION: <input checked="" type="checkbox"/> Single Layer; <input type="checkbox"/> Multi Layer</p> <p>RESULTS REPORTED: <input checked="" type="checkbox"/> Initially; <input type="checkbox"/> After 3 dry cleanings; <input type="checkbox"/> After 5 launderings @ 160°F</p> <p>RESULTS:</p> <table border="1"> <thead> <tr> <th>Specimen #</th> <th>Afterflame* (seconds)</th> <th>Flamming Drip/Debris (seconds)</th> <th>Weight Loss (percent)</th> </tr> </thead> <tbody> <tr><td>1</td><td>0</td><td>0</td><td>26.7</td></tr> <tr><td>2</td><td>0</td><td>0</td><td>23.4</td></tr> <tr><td>3</td><td>0</td><td>0</td><td>22.6</td></tr> <tr><td>4</td><td>0</td><td>0</td><td>24.5</td></tr> <tr><td>5</td><td>0</td><td>0</td><td>23.8</td></tr> <tr><td>6</td><td>0</td><td>0</td><td>25.2</td></tr> <tr><td>7</td><td>0</td><td>0</td><td>23.1</td></tr> <tr><td>8</td><td>0</td><td>0</td><td>27.1</td></tr> <tr><td>9</td><td>0</td><td>0</td><td>27.4</td></tr> <tr><td>10</td><td>0</td><td>0</td><td>26.0</td></tr> <tr> <td colspan="2">Mean:</td> <td>0</td> <td>Mean: 25.0</td> </tr> </tbody> </table> <p>STATISTICAL VALUES: SD = 1.7 3 SD = 5.2 Mean + 3 SD = 30.2</p> <p>ABBREVIATIONS USED: SD = Standard deviation. NT = Not tested.</p> <p>APPROXIMATE WEIGHT OF MATERIAL (as measured by SGS Govmark): 348 g/m²</p> <p>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)</p> <p>CONVERSION FACTOR: g/m² ÷ 28.35 x .835 = oz/yd²</p> <p>NOTE:</p> <ol style="list-style-type: none"> All specimens prepared in the length direction. See addendum for individual specimen weights. <p>(Page 1 of 2)</p>						Specimen #	Afterflame* (seconds)	Flamming Drip/Debris (seconds)	Weight Loss (percent)	1	0	0	26.7	2	0	0	23.4	3	0	0	22.6	4	0	0	24.5	5	0	0	23.8	6	0	0	25.2	7	0	0	23.1	8	0	0	27.1	9	0	0	27.4	10	0	0	26.0	Mean:		0	Mean: 25.0
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Received:02/15/2019	Completed:02/18/2019	Letter: N	BG	P.O.#: 55778	Test Report #:	3-30911-0-
Client's Identification	Style: Velvet Velour 122cm wide. Date of Mfg.: February 2019. Composition: 100% Cotton. Weight: 375/395 gsm. Product End Use: Stage Draperies/Event Draperies. (see continuation)					
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:			
REMARKS:						
<input checked="" type="checkbox"/> Flames did not project above the top of the specimen. <input type="checkbox"/> Flames projected above the top of the specimen; Specimen #'s _____ <input type="checkbox"/> Other: _____						
FAILURE CRITERIA: As cited by NFPA 701 - 2019 Edition Test Method #1						
		Flaming Drip/Debris		Weight Loss (percent)		
Afterflame	(Mean)	Mean	Individual Specimen			
* Exceeds 2 seconds		Exceeds 40%	Exceeds Mean + 3 SD			
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:						
<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						
* 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.						
CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.						
 AUTHORIZED SIGNATURE SGS GOVMARK /jab /pm		Phyllis Pettit FEB 25 2019				
(Page 2 of 2)						

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.

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Client Name : J&C Joel Ltd.
Addendum to Test Report #: 3-30911-0
Test : 701 TM#1

Specimen #	Weight Before Test (g)	Weight After Test (g)	Percent Weight Loss
1	21.00	15.40	26.7
2	21.40	16.40	23.4
3	21.20	16.40	22.6
4	22.00	16.60	24.5
5	21.00	16.00	23.8
6	21.40	16.00	25.2
7	21.60	16.60	23.1
8	21.40	15.60	27.1
9	21.20	15.40	27.4
10	20.80	15.40	26.0

Mean Percent Weight Loss : 25.0
Standard Deviation : 1.7
3 x Standard Deviation : 5.2
Mean + 3 x Standard Deviation : 30.2