



**Textiles F.R. Limited**  
*Flame Retardancy Finishers & Consultants*

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## Test Report & Certificate

UKAS TESTING LABORATORY No.1413

British Standard Flammability Test Document: 19798

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BS5852:Part 1:1979:Source 1 Match Equivalent

Customer Account: SAH003  
 SAHCO HESSLEIN GMBH  
 & CO KG  
 KREUZBURGER ST 17-19  
 D-90471 NURNBERG  
 GERMANY

Order Details  
 TFR Order No : 233277  
 Customer Order : JHG  
 Order Date : 24/01/2017  
 Fabric Description : 2743-01 MANHATTAN  
 Fabric Composition :  
 Quantity (metres) : 1.0

Sample Conditioning : Test specimens were maintained for at least 72 hours at indoor ambient temperature & humidity prior to introduction to the conditioning room for 16 hours with an environment of 20°C +/- 5°C and Relative Humidity 50% +/- 20%

Test Enclosure Conditions : Temperature 23 °C Relative Humidity 54 %

Cleansing Procedure : 30 minute water soak (BS5651:1989:Clause 3)  
 : As amended by the Furniture & Furnishings Regulations 1988

Sample Treatment : Fabric treated with a flame retardant backcoating chemical

Filling materials used in composite : Non-combustion modified foam (approximate density 22Kg/cubic metre)

Test Procedure:  
 The test sample of dimension 800mm (warp) x 650mm (weft) was exposed to a match equivalent butane flame (placed between the test assembly seat & back for 20 seconds. Any combustion activity was noted. Flame extinction was recorded from the time the ignition source was removed.

Report Notes:  
 The following results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials when in use.

OBSERVATIONS	Rep1	Rep2	MEASUREMENTS	Rep1	Rep2
Unsafe escalating combustion:	No	No	Sample ignition (sec):	8	9
Test assembly consumed :	No	No	Flame extinction (sec):	0	0
Smoulders to extremities :	No	No	Cover split (sec):	0	0
Smoulders through thickness :	No	No			
Smoulders more than one hour:	No	No			
Progressive Smouldering :	No	No			
Flames for >120 seconds :	No	No			
Flames to extremities :	No	No			
Flames through thickness :	No	No			
Melting :	No	No			
Dripping :	No	No			
Charring :	Yes	Yes			

Comments:

COMPLIANCE REQUIREMENTS: No escalating smouldering or flaming combustion behaviour so that it is unsafe to continue the test and forcible extinction is required. The specimen should not essentially be consumed or smoulder or flame to its side extremities or to its full depth. All flaming should cease within 120 seconds after removal of the burner tube. No evidence of progressive smouldering. No isolated floor fires originating from specimen debris.

Specimen complied with the requirements for BS5852:Part 1:1979:Source 1

Conducted by : Mr.J.P. MAGEE  
 Laboratory Technician  
 Authorised by: Miss K. BUTTON  
 Office Manager

Date 07/02/2017

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