

Supplied by:
 Vyva Fabrics
 TT. Vasumweg 140
 1033 SH Amsterdam
 The Netherlands

EN 1021-1

Product Description: Viper & Viper Vintage, Oxford, Cuzco, Globe			
Test	EN 1021-1	Test Date	Jan 24 th 2018

TEST PERFORMED: British Standard BS EN 1021-1:2014

Furniture – Assessment of the Ignitability of Upholstered Furniture, Part 1

IGNITION SOURCE: Smoldering Cigarette

BRIEF DESCRIPTION OF TEST: Test cushions are made using the cover fabric listed above and a non-flame retardant flexible polyether foam (22kg/m³). The test cushions are placed in a test frame to form a mockup of an upholstered chair. A lighted cigarette is placed in the crevice formed by the seat and back cushion. Test observations are made and results are recorded.

COVER FABRIC WATER SOAKED PRIOR TO TESTING IN ACCORDANCE WITH ANNEX D:

Yes No

PRECONDITIONING: 24 hours at 23°C ± 2°C and 50% ± 5% RH

RESULTS:

		DETAILED RESULTS	
		Initial Test	Repeat Test
All smouldering (heat, smoke, or glowing) ceased after	[mm:ss]:	9:02	8:46
Furthest extent of smouldering/flaming			
Left of ignition source	[mm]:	0	0
Right of ignition source	[mm]:	3	4
Forward of ignition source	[mm]:	3	4

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IGNITION CRITERIA:	SUMMARY RESULTS	
	Initial Test (yes/no)	Repeat Test (yes/no)
Smoldering--		
Unsafe escalating combustion (3.1a):	No	No
Test assembly consumed (3.1b):	No	No
Smoulders to extremities (3.1c):	No	No
[Left 190mm, Right 190mm, Forward 225mm]	No	No
Smoulders through thickness (3.1c):	No	No
Smoulders more than 1 hour (3.1d):	No	No
Smoulders, where upon final examination, evidence of active smouldering was apparent after the test specimen was dismantled and examined internally (3.1e, 9.3):	No	No
Flaming--		
Occurrence of flames (3.2):	No	No

SUMMARY RESULTS EXPLAINED: If "yes" is entered for any category, the report must conclude that ignition did occur.

ABBREVIATIONS WHICH MAY BE USED:

- N/O = Not observed.
- NT = Not tested
- EC = Escalating combustion (unsafe); test extinguished by technician at time noted.

COMMENTS:

- [] Replacement cigarette(s) not needed as all cigarettes burned their complete length.
- [x] Replacement cigarette used on: [x] initial test; [x] repeat test

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CONCLUSION:

Based on the above results:

Ignition Criteria did not occur

Ignition Criteria did occur

PROVISO: The test conducted herein is based on a prototype composite using a standard filling material. The results displayed by this cover fabric may differ when used in an actual item of upholstered furniture, since other variables may affect the fire performance properties. Other variables may consist of: different filling materials; fire blocking materials; furniture geometry; and other furniture components.

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

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by EN 1021-1: 2014.

January 24th, 2018

Date