

VOILE 45

Perfect For: Decorative/Scenic • Film & TV • Stage

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Composition and Care

308 cm 3

Fire Certificates

BS5867 Part 2 Type B 4
EN13501-1 5

TECHNICAL



NDFR
Non Durably Flame Retardant
chemically treated with a water solution and if wetted in any way should be retreated



DFR
Durably Flame Retardant
chemically treated to withstand a number of cleanings



IFR
Inherently Flame Retardant
woven from fibres with a high flame retardancy



FR
Flame Retardant
chemically treated to an individual specification



NOT FR
Not Flame Retardant no flame retardant treatment



Confirmation that the fabric meets one or more flame retardant standards

BS5867 BS5867 Pt2 B is the British Standard for flame retardant fabrics used for curtains and drapes

BS5852 BS5852 Pt1 is the British Standard for flammability of upholstered composites for seating

BS4790 BS4790: 1987 Determination of the effects of a small source of ignition on textile floor coverings hot metal nut method (method 1, loose laid)

EN13773: 2003 Meets European fire safety standards for vertically hung fabrics. Burning behavior, ignitability testing of curtain fabric for use in the contract market.

TL 1080-0002/8 German Military Specification for horizontally tested materials

EN14041 Details the requirement for CE Marking of textiles, laminate and resilient floor coverings

BS7905-1:2001 Lifting equipment for performance, broadcast and similar applications.

ATTRIBUTES



Approx roll length of material in linear metres (m) & feet (ft)



Approx width of material in centimetres (cm) & inches (")



Approx weight in grams per metre squared (g/m²)



Approx thickness in (mm)

M1, M2, M4 Conforms to French Fire Regulations

B1, B2 Conforms to German Fire Regulations DIN 4102

IMO Conforms to International Maritime Organisation regulations

Classe Uno Meets Italian Fire Regulations

BS EN13501-1 Fire Classification of construction, products and building elements. Classification using test data from reaction to fire tests

CFC EN ISO 9239-1 Reaction to fire test. Horizontal surface spread of flame on floor covering system. Determination of the burning behaviour using a retardant heat source

NFPA 701 NFPA 701: (USA) Standard Methods of Fire Tests for Flame Propagation of Textiles and Films

EN9239-1 Reaction to fire tests – horizontal surface spread of flame on floor covering systems

DIN EN1021 Meets European fire safety standards for exposure to different ignition sources, namely a lit cigarette and butane flame. Assessment of the ignitability of upholstered furniture



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To ensure you get the best from the product supplied to you, we advise you follow the care instructions within this datasheet.

Fabric	Flame Retardancy	IFR
	Fire Certification	BS5867, EN13501-1
	Brand Name (and Manufacturer)	J&C Joel Ltd.
	Material (Blending Ratio)	100% Polyester Trevira CS
	Construction of Fabric	Plain Weave
Chemicals	Surface Treatments	Dyed
	Brand Name of Flame Retardant Chemicals	N/A
	Chemical name of Flame Retardant Chemicals	N/A
	Process of Flame Retardant Chemicals	N/A
Care	Information	Inherently Flame Retardant to BS5867 Part 2 Type B and EN13501-1. This means that the man-made fibres are flame retardant for life and if wet, would not need to be re-flameproofed. Therefore, the cloth will withstand wet cleaning but we would advise and suggest professional dry cleaning only, using the correct chemical process. Notwithstanding the aforementioned, it would be our advice to only dry clean this material periodically. We would suggest that the curtain be soft-brushed on a regular basis and periodically cleaned using a vacuum and draperly attachment. This fabric is not pre-shrunk.
	Laundering Treatment	     Dry Clean Only Do Not Wash Do Not Bleach Do Not Iron Do Not Tumble Dry
Notes		

All details are accurate at the time of print but are subject to change.

					
Fire Rating: IFR	Approx Roll Length: 30m / 98ft	Width: 308cm / 122"	Weight: 45 g/m ²	Fire Certification: BS5867, EN13501-1	Colour Available 7

Fire Test Certificate - Specimen

Fabric: Voile 45

Type: BS5867 Part 2 Type B



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TEST REPORT

Entry No: 78365
Date received: 19/08/2016
Client's Description: Sample of fabric: 9049/White Fr Voile
Test Required: Flammability BS 5867-2: Type B
Pre-treatment: None
Conditioning: A minimum of 24 hours at 65+/-5% Relative Humidity, 20+/-2°C
Date Tests Completed: 26/08/2016
Method of Test: BS EN ISO 15025: 2002 Procedure A (surface ignition)

The results may not apply to situations where there is restricted air supply or prolonged exposure to large sources of intense heat as in a conflagration.

Flame application time 15 seconds using propane gas

Face of Fabric tested	Fabric length direction			Fabric width direction		
Specimen number	1↑	2↓	3↑	4→	5←	6→
Flame reached an edge (✓ or X)	X	X	X	X	X	X
Hole reached an edge (✓ or X)	X	X	X	X	X	X
Flaming debris (✓ or X)	X	X	X	X	X	X

Comments

On the basis of the tests carried out this sample of fabric meets the Type B requirements of BS 5867-2: 2008.

-----End of Document-----

This is hereby certified to be a correct return of the tests made of the items referred to herein



Dale Brockbank
Materials Testing Manager
28 August 2016

- ❖ Unless instructed otherwise by the client sample remnants will be disposed of after 28 days.
 - ❖ Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
 - ❖ Uncertainty budgets for test methods contained within this report are available on request.
- This Certificate relates only to the sample received and, unless that sample has been drawn by the staff of this laboratory, or its agent, and endorsed accordingly, any application of the result to a bulk quantity or other material is entirely the responsibility of the client.



Fire Test Certificate - Specimen

Fabric: Voile 45

Type: EN13501-1

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PAVUS, a.s.

AUTHORIZED BODY 216
NOTIFIED BODY 1391
ACCREDITED CERTIFICATION BODY FOR
PRODUCTS No 3041

Branch: FIRE TESTING LABORATORY
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REACTION TO FIRE CLASSIFICATION REPORT

The object of
classification:

*Construction products excluding floorings and
linear pipe thermal insulation products
in accordance with EN 13501-1:2018, clause 11*

Classification report No:

PK1-01-19-070-E-0

Type and product name: Textile Stage Art. No. 661020 ***

Issuing organization:

PAVUS, a.s.

Authorized Body 216

Notified Body 1391

Accredited certification body for products No 3041

- Accreditation issued by Czech Accreditation Institute,
Public Service Company

- Certificate of Accreditation No 170/2019

Prosecká 412/74
190 00 PRAHA 9

Order No Z210190144

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Fire Test Certificate - Specimen

Fabric: Voile 45

Type: EN13501-1



CLASSIFICATION REPORT No PK1-01-19-070-E-0

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1 INTRODUCTION

1.1 This classification report defines the classification assigned to *Stage Art. No. 661020 **** in accordance with the procedures given in EN 13501-1:2018.

1.2 This classification report has 4 pages and it can be used or reproduced as a whole only.

2 DETAILED INFORMATION ON THE PRODUCT TO BE CLASSIFIED

2.1 General

The product *Stage Art. No. 661020 **** is made by the company PONGS Technical Textiles GmbH, Bahnhofstraße 21, DE 07919 Mühlroff, Deutschland. It is used free-hanging for promotional materials, decoration, fairs etc.

2.2 Product description

Thickness: 0.12 mm
Mass per unit area: 0.02 kg/m²
Colour: various, tested *Stage Art. No. 661020 476* (red); *Stage Art. No. 661020 507* (beige); *Stage Art. No. 661020 739* (orange)
Composition: 52,5 % Trevira CS, 47 % PA

3 REPORTS AND RESULTS IN SUPPORT OF THIS CLASSIFICATION

3.1 Reports

Name of the Laboratory Address Accreditation number:	Name of sponsor of the Test Report	Report number Date of issue	Test method
PAVUS, a. s. Veseli nad Lužnicí ATL No 1026		Pr-19-1.229 2019-11-18	EN 13823:2010+A1:2014
		Pr-19-1.231 2019-11-18	
		Pr-19-1.233 2019-11-18	
		Pr-19-1.230 2019-11-18	EN ISO 11925-2:2010
		Pr-19-1.232 2019-11-18	
		Pr-19-1.234 2019-11-18	



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Type: EN13501-1



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3.2 Results

Test method	Parameter	Number of tests	Results	
			Continuous parameter-mean	Compliance with parameters
Stage Art. No. 661020 476				
EN 13823+A1	FIGRA _{0.2 MJ} (W/s)	3	0.0	≤ 120 (B)
	THR _{600s} (MJ)		0.2	≤ 7.5 (B)
	LFS < edge of specimen		-	yes (B)
	SMOGRA (m ² /s ²)		0.0	≤ 30 (s1)
	TSP _{600s} (m ²)		25.2	≤ 50 (s1)
	non-occurring of flaming droplets/particles		-	yes (d0)
EN ISO 11925 - 2	Fs ≤ 150 mm up to 60 s	6	-	yes (B)
Surface exposure	Filter paper non-ignition		-	yes (d0)
EN ISO 11925 - 2	Fs ≤ 150 mm up to 60 s	6	-	yes (B)
Edge exposure	Filter paper non-ignition		-	yes (d0)
Stage Art. No. 661020 507				
EN 13823+A1	FIGRA _{0.2 MJ} (W/s)	3	0.9	< 120 (B)
	THR _{600s} (MJ)		0.2	≤ 7.5 (B)
	LFS < edge of specimen		-	yes (B)
	SMOGRA (m ² /s ²)		0.0	≤ 30 (s1)
	TSP _{600s} (m ²)		22.8	≤ 50 (s1)
	non-occurring of flaming droplets/particles		-	yes (d0)
EN ISO 11925 - 2	Fs ≤ 150 mm up to 60 s	6	-	yes (B)
Surface exposure	Filter paper non-ignition		-	yes (d0)
EN ISO 11925 - 2	Fs ≤ 150 mm up to 60 s	6	-	yes (B)
Edge exposure	Filter paper non-ignition		-	yes (d0)
Stage Art. No. 661020 739				
EN 13823+A1	FIGRA _{0.2 MJ} (W/s)	3	0.0	≤ 120 (B)
	THR _{600s} (MJ)		0.1	≤ 7.5 (B)
	LFS < edge of specimen		-	yes (B)
	SMOGRA (m ² /s ²)		0.0	≤ 30 (s1)
	TSP _{600s} (m ²)		23.8	≤ 50 (s1)
	non-occurring of flaming droplets/particles		-	yes (d0)
EN ISO 11925 - 2	Fs ≤ 150 mm up to 60 s	6	-	yes (B)
Surface exposure	Filter paper non-ignition		-	yes (d0)
EN ISO 11925 - 2	Fs ≤ 150 mm up to 60 s	6	-	yes (B)
Edge exposure	Filter paper non-ignition		-	yes (d0)



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Fire Test Certificate - Specimen

Fabric: Voile 45

Type: EN13501-1

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CLASSIFICATION REPORT No PK1-01-19-070-E-0

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4 CLASSIFICATION AND FIELD OF APPLICATION

4.1 Classification references

This classification was carried out in conformity with EN 13501-1:2018.

4.2 Classification

The product *Stage Art. No. 661020 **** in relation to its reaction to fire behaviour is classified:

Reaction to fire class: B – s1, d0

4.3 The field of application

This classification is valid for the following product parameters:

Thickness: 0.12 mm
Mass per unit area: 0.02 kg/m²
Colour: various
Composition: cannot be changed

This classification applies for the following end-use applications:

Substrate: free situated product without a substrate or with substrates of reaction to fire classes A1
Way of fixing: mechanically with fittings of reaction to fire classes A1
Joints: without joints

5 RESTRICTIONS

This classification report does substitute neither the type approval nor the product certificate.

This classification is valid, unless the conditions, under which it was issued, have been changed.

The sponsor may request the issuing authority to review the influence of changes to the classification validity.

Elaborated by:


.....

Lenka Sobotová
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Approved by:


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