
SPRINKLER
GAUZE
Perfect For: Decorative/Scenic • Film & TV • Stage
J&C Joel
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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/m^2)

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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Datasheet - Fabrics and Flooring

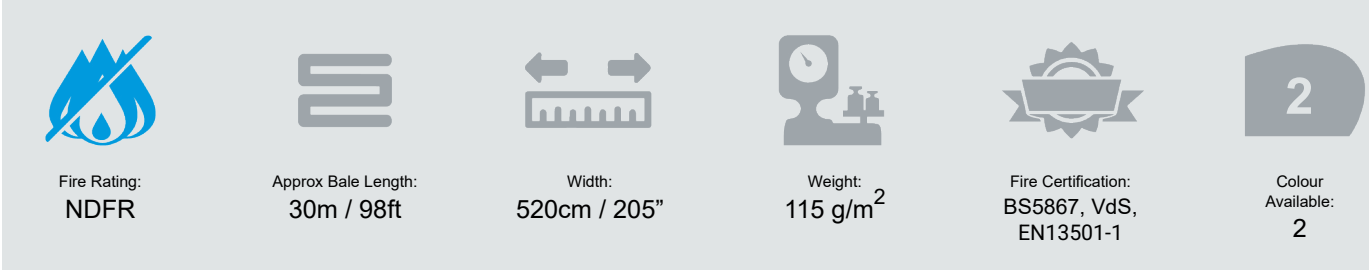
Sprinkler Gauze

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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**	NDFR
	Fire Certification	BS5867, VdS, EN13501-1
	Brand Name (and Manufacturer)	J&C Joel Ltd.
	Material (Blending Ratio)	100% Cotton
	Construction of Fabric	Knitted
Chemicals	**Surface Treatments**	Dyed & Chemically Treated
	Brand Name of Flame Retardant Chemicals	Thor
	Chemical name of Flame Retardant Chemicals	Aflammit
	Process of Flame Retardant Chemicals	Immersion
Care	**Information**	Non-Durably Flame Retardant. This means the fabric is chemically treated and if wet (in any way) should be retreated to meet the flammability requirements of BS5867 Part 2 Type B, VdS and EN13501-1. Therefore, the cloth will not withstand wet cleaning and should be re-flame proofed whenever wet. The cloth can be professionally dry cleaned 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 drapery attachment. Commerical flame retardents may alter the aesthetics, appearance, colour or performance of the textile material. This fabric is not pre-shrunk.
	Laundering Treatment	
Notes		

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



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Fire Test Certificate - Specimen

Fabric: Sprinkler Gauze
Type: BS5867 Part 2 Type B

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Wira House, West Park Ring Road,
Leeds, LS16 6QL, UK.
Telephone: +44 (0)113 259 1999
Email: info@bttg.co.uk
Website: www.bttg.co.uk

Date: 01 August 2017

Our Ref: 53519-3
Your Ref: -

Client:
J. & C. Joel Limited
Corporation Mill
Corporation Street
Sowerby Bridge
Halifax
HX6 2QQ

Job Title: Surface Ignition Of Curtains & Drapes (Type B)

Client's Order No: -

Date of Receipt: 19 May 2017
Date of Test Start: 02 June 2017

Description of Sample(s): One sample identified as follows was received for testing:

Sprinkler Gauze, stated to be NDFR

SPECIMEN

Work Requested: We were asked to make the following test:

BS 5867: Part 2: 2008 (2015): Type B Curtains, Drapes and Blinds

1066

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Our laboratories are accredited to EN ISO/IEC 17025.

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Fire Test Certificate - Specimen

Fabric: Sprinkler Gauze
Type: BS5867 Part 2 Type B

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Telephone: +44 (0)113 259 1999
Email: info@bttg.co.uk
Website: www.bttg.co.uk

Date: 01 August 2017

Our Ref: **53519-3**
Your Ref: -

J. & C. Joel Limited

Sample was identified as follows:

Sprinkler Gauze, stated to be NDFR

BS 5867: Part 2: 2008 (2015): Type B Curtains, Drapes and Blinds

Pre-Treatment
No water treatment required as the sample was stated to be non durable flame retardant.

Conditioning
The test specimens were conditioned for at least 24 hours in the standard atmosphere of 60 ± 5 % relative humidity (R.H.) and 20 ± 2 °C.

Testing
Three specimens from both length and width were tested in accordance with BS EN ISO 15025: Procedure A (surface ignition):2002. The sample was tested at 20°C and 60% relative humidity (R.H.).

Each specimen was subjected to an applied flame using propane and a 15 second flame application time. The results obtained (shown in the table below) were assessed according to the requirements of BS 5867: Part 2:2008 (2015).

Test results relate only to the sample tested.

The results for all tests are given in the table(s) on the following page(s).

Reported by:.....
J Coleman
Fire Technician

Countersigned By:.....
P Doherty
Operational Head

Enquiries concerning this report should be addressed to Customer Services.

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Fire Test Certificate - Specimen

Fabric: Sprinkler Gauze
Type: BS5867 Part 2 Type B

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Email: info@bttg.co.uk
Website: www.bttg.co.uk

Date: 01 August 2017

Our Ref: **53519-3**
Your Ref: -

BTTG
TESTING • CERTIFICATION • AUDITING

J. & C. Joel Limited

RESULTS

Sample Ref: Sprinkler Gauze, stated to be NDFR

BS 5867: Part 2: 2008 (2015): Type B Curtains, Drapes and Blinds
Testing as received.

	Length			Width		
Specimen No.	**1**	**2**	**3**	**4**	**5**	**6**
Flame reached an edge	No	No	No	No	No	No
Hole reached an edge	No	No	No	No	No	No
Flaming debris separated	No	No	No	No	No	No

Requirements
Any "Yes" means fail except if only one specimen fails a further 6 specimens are tested, it the second 6 specimens all pass the result is a pass.

Result: Pass

Conclusion
The fabric meets the Type B performance requirements of BS 5867: Part 2: 2008 – the fabric must be clearly labelled `If wetted in any way it is essential to re-treat the fabric to meet flammability requirements`.

The material should be identified with the manufacturers name, trademark or other identifying mark, the statement `Flammability complies with the requirements of BS 5867: Part 2, Type B and instructions of any special precautions to be taken concerning care (including cleansing) of the curtain, drape or window blind to be manufactured from the fabric, preferably using an appropriate care labelling symbol in accordance with BS EN 23758 and taking account of the pre-treatment used in this test and the requirements of Clause 4 of BS 5867: Part 2: 2008 (2011). If the fabric is unsuitable for cleansing, this shall be stated.

Uncertainty Budget
There is no uncertainty budget associated with BS 5867: Part 2: Type B as no measurements are determined, the pass/fail criteria is assessed visually.

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ilac-MRA UKAS TESTING
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Fire Test Certificate - Specimen

Fabric: Sprinkler Gauze
Type: VdS

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Anerkennung
Approval

VdS

von Bauteilen und Systemen
of Components and Systems

Inhaber der Anerkennung / Holder of the Approval

Anerkennungs-Nr. / Approval No.	Anzahl der Seiten / No. of pages	gültig vom (TT.MM.JJJJ) / valid from (dd.mm.yyyy)	gültig bis (TT.MM.JJJJ) / valid until (dd.mm.yyyy)
G 413019	4	16.08.2023	15.08.2027

Gegenstand der Anerkennung / Subject of the Approval

Abspanngewebe/ Tension fabrics
"CO Gitter VdS 191070***004 / 0503"

Verwendung / Use

zum kurzzeitigen Einsatz unter Sprinklern und Düsen /
for short-term use fixed under sprinklers and nozzles

Anerkennungsgrundlagen / Basis of the Approval

VdS 2344:2014-07
VdS 3158:2011-08

Köln, den 16.08.2023

Dr. Reinermann
Geschäftsführer / Managing Director

ppa. Bellingen
Leiter der Zertifizierungsstelle / Head of Certification Body

Die Anerkennung umfasst nur das angegebene Bauteil/System in der zur Prüfung eingereichten Ausführung

- mit den Bestandteilen nach Anlage 1,
- dokumentiert in den technischen Unterlagen nach Anlage 2,
- zur Verwendung in den angegebenen Einrichtungen der Brandschutz-und Sicherungstechnik.

Bei der Anwendung des Gegenstandes der Anerkennung sind die Hinweise nach Anlage 3 zu beachten.

Das Zertifikat darf nur unverändert und mit sämtlichen Anlagen vervielfältigt werden. Alle Änderungen der Voraussetzungen für die Anerkennung sind der VdS-Zertifizierungsstelle – mitsamt den erforderlichen Unterlagen – unverzüglich zu übermitteln.

This Approval is valid only for the specified component/system as submitted for testing

- together with the parts listed in enclosure 1
- documented in the technical documents according to enclosure 2
- for the use in the specified fire protection and security installations.

When using the subject of the approval the notes of enclosure 3 shall be observed.

This certificate may only be reproduced in its present form without any modifications including all enclosures. All changes of the underlying conditions of this approval shall be reported at once to the VdS certification body including the required documentation.

VdS Schadenverhütung GmbH
Amsterdamer Str. 174
D-50735 Köln

Ein Unternehmen des Gesamtverbandes der Deutschen Versicherungswirtschaft e.V. (GDV), durch die DAkkS akkreditiert als Zertifizierungsstelle für Produkte in den Bereichen Brandschutz- und Sicherungstechnik

A company of the German Insurance Association (GDV) accredited by DAkkS as certification body for fire protection and security products

DAkkS Deutsche Akkreditierungsstelle D-ZE-11149-01-01

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Fire Test Certificate - Specimen

Fabric: Sprinkler Gauze
Type: VdS

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VdS

Anlage / Enclosure 1 Seite / Sheet 1

zur Anerkennungsnummer/ to Approval No. G 413019 vom/ dated 16.08.2023

Der Gegenstand der Anerkennung umfasst folgende Bestandteile.
The subject of the approval comprises the following parts.

Bezeichnung des Gegenstandes Description of Subject	Typ Type	Kenn-Nr. des Inhabers Holder's Registration No.	Anerkennungsnr Approval No.
Abspanngewebe/ Tension fabrics Baumwollgewebe (100 %) (Rotgarn) Cotton fabric (100 %) (Rotgarn) Maschenweite in verspanntem und unverspanntem Zustand 3 x 3 mm/ Mesh size in fixed and unfixed condition 3 x 3 mm Stegbreite in verspanntem und unverspanntem Zustand 0,6-1,0 mm/ Web width in fixed and unfixed condition 0,6-1,0 mm	CO Gitter VdS 191070***004 / 0503		

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Fire Test Certificate - Specimen

Fabric: Sprinkler Gauze
Type: VdS

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VdS

Anlage / Enclosure 2 **Seite / Sheet 1**

zur Anerkennungsnummer/ to Approval No. G 413019 vom/ dated 16.08.2023

Der Gegenstand der Anerkennung wird durch folgende Unterlagen beschrieben.
The subject of the approval is described by the following documents.

Art der Unterlage Type of Document	Kennzeichnung der Unterlage Identification of document	Datum Date	Seiten Pages
VdS-Prüfbericht VdS test report	WAL 13028	15.02.2013	
Liste der eingereichten technischen Unterlagen/ List of submitted technical documents	Dokumentenliste Nr.: 1	18.04.2023	1

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Fire Test Certificate - Specimen

Fabric: Sprinkler Gauze
Type: VdS

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VdS

Anlage / Enclosure 3 **Seite / Sheet 1**

zur Anerkennungsnummer/ to Approval No. G 413019 vom/ dated 16.08.2023

Hinweise für die Anwendung des Gegenstandes der Anerkennung nach Anlage 1.
Instructions for the application of the subject of approval (see enclosure 1).

Das Abspanngewebe darf unterhalb von Sprinklern und Düsen unter folgenden Bedingungen verwendet werden:

1. Die maximale Hängedauer (Nutzungsdauer) des Gewebes beträgt 28 Tage.
2. Die maximal zulässige frei (ohne Verstrebung) überspannte Fläche beträgt 30 m².
3. Die Gewebeplane ist horizontal und ausschließlich einlagig zu verspannen.
4. Der vertikale Abstand zwischen Sprinklersprühteller und der verspannten Plane darf an keiner Stelle 1,0 m unterschreiten.
5. Das Durchhängen der Gewebeplane ist durch starkes Verspannen zu vermeiden.
6. Die Verspannanweisung des Antragstellers/ Herstellers ist zwingend zu beachten.

Für jegliche darüber hinausgehende Anwendung muss die Eignung gegenüber VdS im Einzelfall nachgewiesen werden.

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The tension fabrics may be used below sprinkler and nozzles on the following conditions:

1. The maximum time of permanently hanging (useful life) of the fabrics is 28 days.
2. The maximum allowable free (without strut) area is 30 m².
3. The tension fabrics has to be fixed horizontally and single-layered only.
4. The vertical distance between sprinkler deflector and the fixed tension fabrics must not be less than 1,0 m at any point.
5. Sagging of the tension fabrics has to be avoided by strong fixing.
6. It is imperative to observe the fixing instructions of the applicant/manufacturer.

Each other application beyond that has to be proved as adequate towards VdS in the individual case.

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Fire Test Certificate - Specimen

Fabric: Sprinkler Gauze
Type: EN13501-1

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PAVUS, a.s.
AUTHORIZED BODY AB 216
NOTIFIED BODY 1391
CERTIFICATION BODY FOR PRODUCT CERTIFICATION No. 3041

V 3041

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FIRE TESTING INSTITUTE

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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*
Report No:	***PK1-01-26-019-E-0***
Type and product name:	Textile *CO Gitter VDS Art. No. 191 070 *** 303 004*
Issuing organization:	*PAVUS, a.s.* *Accredited certification body for products No 3041* *– Accreditation issued by Czech Accreditation Institute, Public Service Company* *– Certificate of Accreditation No. 272/2026* *Prosecká 412/74* *190 00 PRAHA 9* *Czech Republic* *Order No Z210260073*
Date of issue:	*2026-06-09*
Copies in total:	*2*
Copy number:	*1*
Pages in total:	*4*

SPECIMEN

1 INTRODUCTION

1.1 This classification report defines the classification assigned to *CO Gitter VDS Art. No. 191 070 *** 303 004* 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 *CO Gitter VDS Art. No. 191 070 *** 303 004* is made by the company PONGS GROUP GmbH & Co. KG, Bahnhofstraße 21, 07919 Pausa - Mühltroff, Deutschland. It is used free-hanging for cladding of walls and ceilings, digital print, banners, decoration, fairs etc.

2.2 Product description

Thickness:	0.72 mm
Mass per unit area:	90 g/m²
Colour:	white
Composition:	58 % rCO (recycled cotton), 41 % CO (cotton), 1 % recycled mixed fibers

3 REPORTS AND RESULTS IN SUPPORT OF THIS CLASSIFICATION

3.1 Reports

Name of the Laboratory Address Accreditation number:		Report number Date of issue	Test method
PAVUS, a. s. *Veselí nad Lužnicí* *ATL No 1026*		*Pr-26-1.104-En* *2026-06-09*	*EN 13823:2020+A1:2022*
		Pr-26-1.105-En *2026-06-09*	*EN ISO 11925–2:2026*

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3.2 Results

Test method	Parameter	Number of tests	Results	
			Continuous parameter-mean	Compliance with parameters
EN 13823+A1	*$FIGRA_{0.2\,MJ}$ (W/s)*	3	*0.0*	*≤ 120 (B)*
	THR_{600s} (MJ)		*0.3*	*≤ 7.5 (B)*
	LFS < edge of specimen		*-*	*yes (B)*
	SMOGRA (m^2/s^2)		*0.0*	*≤ 30 (s1)*
	TSP_{600s} (m^2)		*13.6*	*≤ 50 (s1)*
	non-occurring of flaming droplets/particles		*-*	*yes (d0)*
EN ISO 11925 - 2 Surface exposure	*Fs ≤ 150 mm up to 60 s*	6	*-*	*yes (B)*
	Filter paper non-ignition		*-*	*yes (d0)*
EN ISO 11925 - 2 Edge exposure	*Fs ≤ 150 mm up to 60 s*	6	*-*	*yes (B)*
	Filter paper non-ignition		*-*	*yes (d0)*

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 *CO Gitter VDS Art. No. 191 070 *** 303 004*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:	0.72 mm
Mass per unit area:	90 g/m²
Colour:	white
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

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5 RESTRICTIONS

This classification is valid unless the conditions, under which it was issued, have been changed (i.e., until the materials used, the composition or design of the product or the technical regulations relating to the product change).

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

This classification document does not represent type approval or certification of the product.

Elaborated by:

Ing. Lenka SOBOTOVÁ
Fire testing laboratory

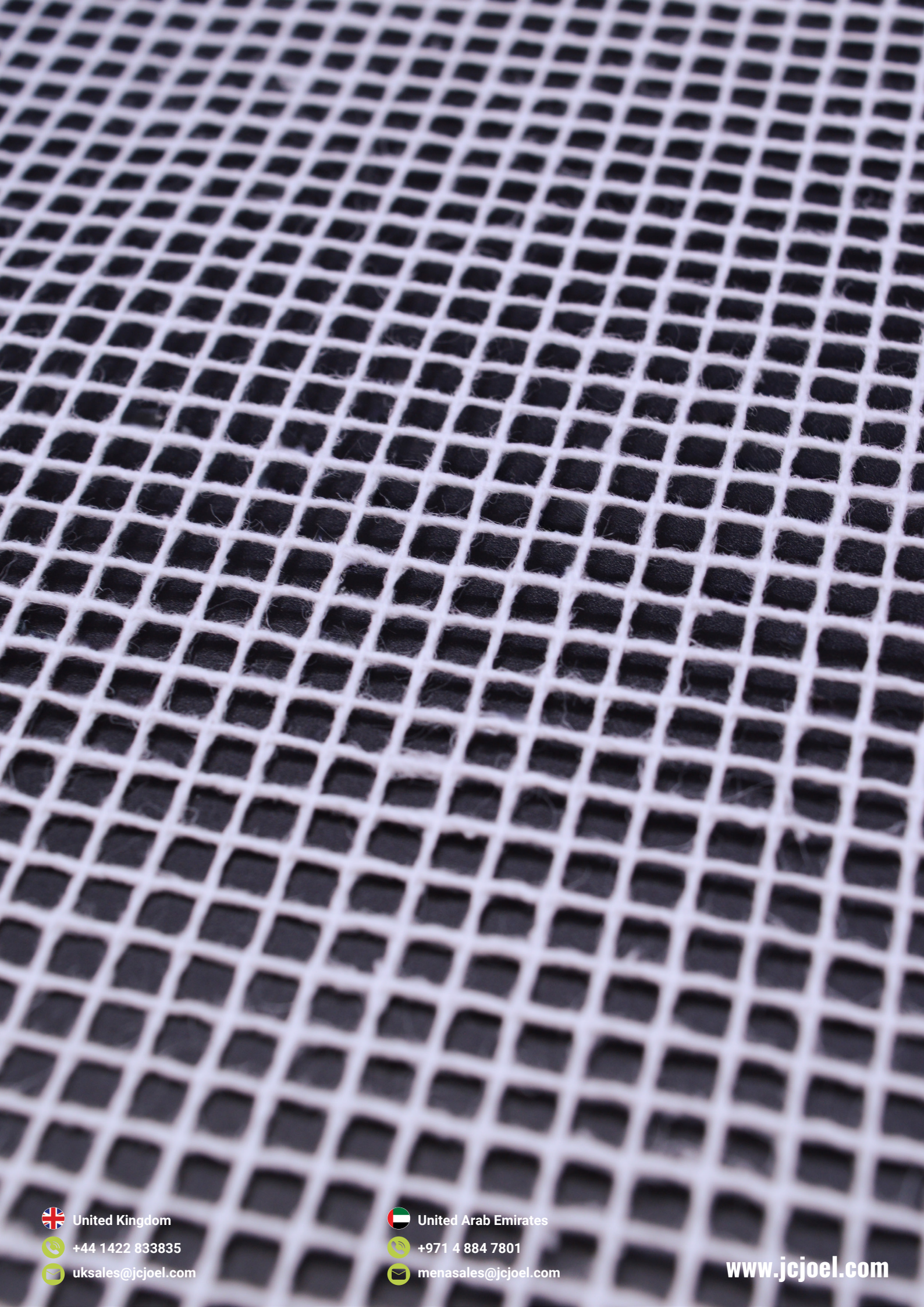
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391 81 Veselí nad Lužnicí
IČ: 60193174; DIČ: CZ60193174
(5)

Approved by:

Ing. Jan TRIPES, MBA

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PAVUS
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