



Carpas hinchables Aerise®

 **Certificados**

Índice

1. Por qué Aerise®?



Siete buenas razones

2

Garantías

3

2. Certificados e informes de ensayo



Certificado de resistencia al viento

5

Clase de protección al fuego: Pirontex®

6

Clase de protección al fuego: PVC

10

SGS Cristal

12

ECO PASSPORT by OEKO-TEX®

13

Factor de protección UV - Pirontex®

14

3. Fichas técnicas



Pirontex®

17

Cristal 0,5 mm FR M2

18



¿Por qué Aerise®?

8 razones de peso:

1. Producción interna y desarrollo de productos en Tirol del Sur, Italia
2. Máxima calidad de producto y una amplia gama de soluciones
3. Gestión empresarial sostenible, ahora en la tercera generación
4. Atención personalizada in situ gracias a nuestra red comercial global
5. Entrega rápida, fiable y en todo el mundo
6. Garantía de repuestos de 15 años
7. Certificaciones internacionales
8. Posibilidad de impresión personalizada



FABRICANTE



MADE IN EUROPE





¿Cuándo se controla la calidad de nuestras carpas hinchables?

Después de cada fase del proceso.

Para garantizar su fiabilidad, nuestras carpas hinchables se someten a estrictas pruebas adicionales que aseguran su calidad.

Servicios de garantía:

- Garantía legal de 2 años desde la fecha de compra
- Garantía de repuestos de 15 años, con disponibilidad garantizada de piezas durante muchos años

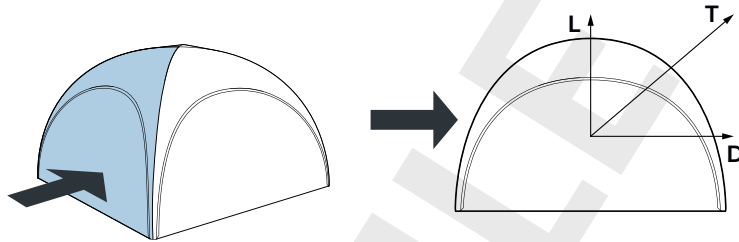
Certificados e informes de ensayo

WIND RESISTANCE CERTIFICATE

FORCES

- Wind Speed: 1m/s = 3.6 km/h
- Density of the flowing medium: 1.224 kg/m³
- Drag Coefficient: 1 (Safety factor of 1.2; estimated actual drag coefficient of 0.6)
- Friction of Ballast Barrel and ground: 1 [material: rubber-to-asphalt]

Size	Surface Area with Side Wall
3x3	5,4m ² (58ft ²)
4x4	8,5m ² (91.5ft ²)
5x5	13m ² (13.99ft ²)
6x6	19m ² (204.5ft ²)

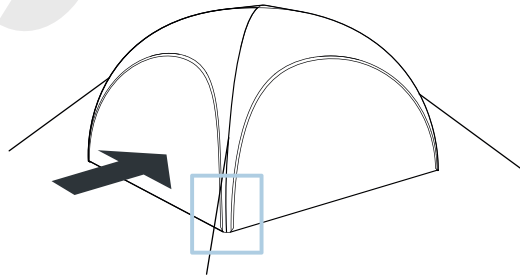


Size	Drag (D) [daN]			Lift (L) [daN]			Total Force (T) [daN]		
	30 km/h wind speed (18.7 mph)	40 km/h wind speed (25 mph)	60 km/h wind speed (37.3 mph)	30 km/h wind speed (18.7 mph)	40 km/h wind speed (25 mph)	60 km/h wind speed (37.3 mph)	30 km/h wind speed (18.7 mph)	40 km/h wind speed (25 mph)	60 km/h wind speed (37.3 mph)
3x3	22,8	40,5	91,3	11,4	20,3	45,7	25,5	45,3	/
4x4	24,2	51,7	115,0	11,3	39,6	60,8	35,5	68,0	175,8
5x5	37,0	79,1	175,9	17,6	42,0	195,0	54,7	121,2	271,0
6x6	54,1	115,6	257,1	25,4	60,6	136,8	79,6	176,2	305,7

BALLAST RECOMMENDATIONS

Below are shown the weights necessary to secure one tube on your Aerise® tent during high winds. At a minimum, this weight should be used on all tubes facing into the wind. However, in order to achieve the most security and stability we strongly recommend that you secure all four tubes on your Aerise® tent.

Size	Weight Per Tube		
	30 km/h wind speed (18.7 mph)	40 km/h wind speed (25 mph)	60 km/h wind speed (37.3 mph)
3x3	13 kg (28lbs)	23 kg (49lbs)	/
4x4	18 kg (39lbs)	34 kg (75lbs)	89 kg (196lbs)
5x5	27 kg (59lbs)	60 kg (132lbs)	135 kg (297lbs)
6x6	40 kg (88lbs)	88 kg (194lbs)	153 kg (337lbs)



Size	Weight Per Tube		
	30 km/h wind speed (18.7 mph)	40 km/h wind speed (25 mph)	60 km/h wind speed (37.3 mph)
3x3		1x Tube Ballast	2x Tube Ballasts
4x4		1x Tube Ballast	2x Tube Ballasts
5x5		1x Tube Ballast	2x Tube Ballasts
6x6		2x Tube Ballasts	1x Ballast Barrel
			1x Ballast Barrel
			2x Ballast Barrels
			2x Ballast Barrels

AERISE®

ZINGERLE GROUP AG • Pustertaler Straße 2 • I-39040 Natz-Schabs (BZ)

Ballast recommendations for Aerise® tents based on anticipated wind speed and direction.

User note: These recommendations are valid only in cases where the Aerise® tent is properly set up and anchored. Improper setup of the Aerise® tent can also result in damage to the tent and possible injury to people in the surrounding area.

Approval:

J. A. Weidmann

Date: 18.11.2018



Efectis Nederland BV
P.O. Box 554 | 2665 ZN Bleiswijk
Brandpuntlaan Zuid 16 | 2665 NZ Bleiswijk
The Netherlands
+31 88 3473 723
nederland@efectis.com

CLASSIFICATION

CLASSIFICATION OF REACTION TO FIRE PERFORMANCE IN ACCORDANCE WITH EN 13501-1:2018

Classification no.	2023-Efectis-R001109
Sponsor	Zingerle Group AG Förche 7 39040 NAZ / SCIAVES (BZ) ITALY
Product name	Pirontex fabric Various colours
Prepared by	Efectis Nederland BV
Author(s)	J.L. Onderwater B.Sc. A.H.L.M. Zwinkels B.Sc. B.R. Knottnerus B.Sc.
Project number	ENL-22-001316
Date of issue	October 2023
Number of pages	6

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Page 1 / 6

1. INTRODUCTION

This classification report defines the classification assigned to **Pirontex fabric** in accordance with the procedures given in EN 13501-1:2018.

2. DETAILS OF CLASSIFIED PRODUCT

2.1 GENERAL

The product, **Pirontex fabric**, is defined as a ceiling or wall covering.

2.2 MANUFACTURER

Zingerle Group AG
Förche 7
39040 NAZ / SCIAVES (BZ)
ITALY

2.3 PRODUCT DESCRIPTION

According to the sponsor the product is from inside out composed of:

- Pirontex is fabricated out of a combination of new polyester polymers. The yarn thickness is 600D (2x 300 D double spun);
- A nanocoating (Water Resistant and oil repellent) is applied on the outside use of the product. The inside used side is coated with a PU coating.

The product has a total thickness of 0.3 mm, a density of 850 kg/m³ and a mass per unit area of approx. 255 g/m².

3. STANDARDS, REPORTS, RESULTS AND CRITERIA IN SUPPORT OF THIS CLASSIFICATION

3.1 APPLICABLE STANDARDS

EN ISO 11925-2:2020	Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test
EN 13823:2020+A1:2022	Reaction to fire tests for building products - Building products, excluding floorings exposed to the thermal attack by a single burning item
EN 13238:2010	Reaction to fire tests for building products - Conditioning procedures and general rules for selection of substrates
EN 13501-1:2018	Fire classification of construction products and building elements Part 1: Classification using data from reaction to fire tests
EGR 003:2016	Selection of colours for covering a range

4. CLASSIFICATION AND FIELD OF APPLICATION

4.1 REFERENCE OF CLASSIFICATION

This classification has been carried out in accordance with clause 11 of EN 13501-1:2018.

4.2 CLASSIFICATION

The product, **Pirontex fabric**, in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

s1

The additional classification in relation to flaming droplets / particles is:

d0

Reaction to fire classification: B – s1, d0

4.3 FIELD OF APPLICATION

This classification is valid for the following product parameters:

Thickness	0.3 mm
Surface density	255 g/m ²
Other properties	A nanocoating (Water Resistant and oil repellent) is applied on the outside use of the product. The inside used side is coated with a PU coating

This classification is valid for the following end use applications:

Substrate	Not applicable
Application	Free hanging
Colour	All colours
Exposure side	Both sides (inside and outside)
Methods and means of fixing	Mechanically
Joints	Not applicable
Other aspects of end use conditions	Closed surface, no openings or gaps between components

4.4 DURATION OF THE VALIDITY OF THIS CLASSIFICATION REPORT

Consult classification standard and national laws and regulations for limitations on the period of validity of the classification.

5. LIMITATIONS

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



J.L. Onderwater B.Sc.
Junior Project leader Reaction to Fire



A.H.L.M. Zwinkels B.Sc.
Project leader Reaction to Fire



B.R. Knottnerus B.Sc.
Project leader Reaction to Fire

FACSIMILE



Efectis Nederland BV
P.O. Box 554 | 2665 ZN Bleiswijk
Brandpuntlaan Zuid 16 | 2665 NZ Bleiswijk
The Netherlands
+31 88 3473 723
nederland@effectis.com

CLASSIFICATION

CLASSIFICATION OF REACTION TO FIRE PERFORMANCE IN ACCORDANCE WITH EN 13501-1:2018

Classification no.	2022-Efectis-R000841
Sponsor	Zingerle Group AG Förche 7 39040 NAZ / SCIAVES (BZ) ITALY
Product name	PVC 400gr
Prepared by	Efectis Nederland BV
Notified body no.	1234
Author(s)	M.S.R. Elsayed B.Sc. E.O. van der Laan M.Sc. A.J. Lock
Project number	ENL-22-000027
Date of issue	July 2022
Number of pages	6

3. CLASSIFICATION AND FIELD OF APPLICATION

3.1 REFERENCE OF CLASSIFICATION

This classification has been carried out in accordance with clause 11 of EN 13501-1:2018.

3.2 CLASSIFICATION

The product, **PVC 400gr**, in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

s2

The additional classification in relation to flaming droplets / particles is:

d0

Reaction to fire classification: B – s2, d0

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Page 1 / 6

1/2

3.3 FIELD OF APPLICATION

This classification is valid for the following product parameters:

Thickness	0.25 mm
Surface density	400 g/m ²
Other properties	All colours

This classification is valid for the following end use applications:

Substrate	Not applicable
Application	Free standing
Methods and means of fixing	Mechanically
Joints	Not applicable
Other aspects of end use conditions	Closed surface, no openings, or gaps between components

3.4 DURATION OF THE VALIDITY OF THIS CLASSIFICATION REPORT

Consult classification standard and national laws and regulations for limitations on the period of validity of the classification.

4. LIMITATIONS

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



M.S.R. Elsayed B.Sc.
Project leader Reaction to Fire



E.O. van der Laan M.Sc.
Project leader Reaction to Fire



A.J. Lock
Manager Testing Reaction to Fire



Test Report

No.: SDHGR123444kjjoàà

Date: Sep.12, 2017

Page 1 of 5

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description : SUPER CLEAR PVC FILMS
 Country of Destination : EUROPE
 Test Requested : NF P 92-507:2004 Fire safety-building-interior fitting materials-Classification according to their reaction to fire
 Sample Receiving Date : Sep.12,2017
 Test Performing Date : Sep.12, 2017 to Sep.16,2017
 Test Result(s) : For further details, please refer to the following page(s)
 Conclusion : **Classification**
Super clear PVC film: M2

Note: The classes with their corresponding fire performance are given in Annex I.

Signed for and on behalf of
 SGS-CSTC Co., Ltd.

Jack Yao
 Approved signatory

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SDHG
 SGS (China) Technical Services Co., Ltd. | 15 F Building, Zhongyuan Industrial Park, 1 Shuren Road, White Snake, Jiangyin City, Jiangsu Province, China | 528333 | (86-757)22805888 | (86-757)22805858 | www.cn.sgs.com
 中国·广东·佛山市顺德区大良街道办事处长沙路1号金洲工业园一号楼 邮编: 528333 | (86-757)22805888 | (86-757)22805858 | sgs.china@sgs.com



CENTRO TESSILE COTONIERO E ABBIGLIAMENTO S.p.A.
Piazza Sant' Anna 2
21052 Busto Arsizio VA, Italy

OEKO-TEX®
CONFIDENCE IN TEXTILES

CERTIFICATE

The Company

JK Group Spa
SP 32 Novedrate 33
22060 Novedrate CO, ITALY

is granted authorisation according to ECO PASSPORT by OEKO-TEX® to use the OEKO-TEX® mark



for the following chemical products

Product(s): See attached enclosure
Category: Pigments and inks

Supporting documents

- Declaration of conformity in accordance with EN ISO 17050-1 included in ECO PASSPORT by OEKO-TEX® Terms of Use.
- Analytical test report number: 19RA09920
- RSL Screening Report
- Detailed information about the components and safety data sheets of the chemical products mentioned above.

The above captioned product(s) can be used for the production of human-ecological optimized textiles & leathers. The combined results of the reports mentioned above reveal that there is no harmful effect on the human and environmental health of the textiles & leathers treated/finished with the above mentioned products. This evaluation used the test methods and requirements of the ECO PASSPORT by OEKO-TEX® that were in force at the time of the evaluation date. ZDHC MRS L Conformance Level 1 is achieved for certified product(s) without restriction(s).

Busto Arsizio, 19.07.2019

A handwritten signature in blue ink, which appears to read "Chiara Salmoiraghi".

Chiara Salmoiraghi
OEKO-TEX® Certification Scheme Manager
CENTROCOT



Akkreditierte Prüfstelle – TITV e. V. • Zeulenrodaer Str. 42 • 07973 Greiz

ZINGERLE GROUP SpA
Herrn Georg Silgoner
Via Foerche 7
39040 Naz-Sciaves

Textilforschungsinstitut
Thüringen-Vogtland e. V.
Akkreditierte Prüfstelle

Zeulenrodaer Str. 42
07973 Greiz – Germany

Italien

Prüfbericht 197/25

Seite 1 von 2 Seiten

Klob

27.06.2025

Auftraggeber:	Herr G. Silgoner
Auftragstermin:	13.06.2025
Probeneingang:	18.06.2025
Proben:	1 textiles Material, beschichtet (Lauf. Nr. / Kennzeichnung des Auftraggebers) 1. Pirontex
Prüfauftrag:	Bestimmung des UV-Schutzfaktors UPF
Probenahme:	durch Auftraggeber
Probenvorbereitung/ Prüfverfahren:	DIN EN 13758-1:2007 Schutzeigenschaften gegen ultraviolette Sonnenstrahlung; Teil 1 (DIN EN 13758-1):2007 Prüfverfahren für Bekleidungstextilien (akkreditiertes Prüfverfahren) Bei der Berechnung des UPF wird das Sonnenspektrum von Albuquerque verwendet.
Prüfzeitraum:	23.06. – 26.06.2025
Prüfergebnisse:	Seite 2 und Anlagen

Durch die DAkkS
Deutsche Akkreditierungsstelle GmbH
akkreditiertes Prüflaboratorium

In der Anlage zur Akkreditierungsurkunde sind alle akkreditierten Prüfverfahren aufgeführt. Auf Wunsch wird die Urkunde zugestellt.



Amtsgericht Greiz VR 206
Gerichtsstand Greiz

Ust-Id-Nr.: DE151887921
Steuer-Nr.: 161/142/21434

Geschäftsführender Direktor:
Dr. Fabian Schreiber

Tel.: +49 36 61/6 11-0
Fax: +49 36 61/6 11-2 22

mail@titv-greiz.de
www.titv-greiz.de

Sparkasse Gera-Greiz
(BLZ 830 500 00)
Kto. 608181
BIC: HELADEF1GER
IBAN: DE70 8305 0000 0000 6081 81

Deutsche Kreditbank AG (DKB)
(BLZ 120 300 00)
Kto. 1005364458
BIC: BYLADEM1001
IBAN: DE88 1203 0000 1005 3644 58

Entnahme der Messproben:

Aus der Probe wurden 6 Messproben (je 5 x 4 cm²) zur Klimatisierung entnommen.

Prüfergebnisse:

Lauf. Nr.	Probenbezeichnung, Farbe, (Bemerkungen)	UVA in %	UVB in %	UPF der Probe	UPF der Probe anzugeben mit
1	Pirontex	0,1	< 0,1	> 2000	> 50

Die Einzelwerte der Messungen sind in der Anlage enthalten.

Die Prüfergebnisse beziehen sich ausschließlich auf die Proben im Anlieferungszustand. Ohne schriftliche Genehmigung der Prüfstelle darf der Bericht nicht auszugsweise vervielfältigt werden.


Dr. Ulrike Klobes
Leiter der Prüfstelle

Fichas técnicas



Pirontex®

Número de hilos	2 × 300D = 600D (doble hilado)	
Peso	255 g/m ²	
Densidad de tejido	80 (urdimbre) × 60 (trama) por pulgada ²	
Revestimiento	PU color 3x, ANTI-UV	
Alargamiento (EN 53360)	6 % de deformación permanente	
Fuerza máxima de tracción (ISO 13934-1:1999. Media de 5 fases cada una)	Urdimbre	2120 N
	Trama	1630 N
Resistencia a la flexión (DIN EN ISO 32100)	Sin exposición a los rayos UV: Agrietamiento después de 100 000 pliegues	
	Con exposición a los rayos UV: Agrietamiento después de 31 500 pliegues	
Columna de agua (DIN EN 20811)	5000 mm	
Resistencia a la luz	Hilo teñido	
	(DIN EN ISO 105-B02)	Escala de azules: 7-8 (de un máx. de 8)
	(DIN EN ISO 105-A02)	Escala de grises: 4,5 (de un máx. de 5)
Revestimiento	Nano-recubrimiento: repelente al agua, al aceite y a la suciedad	
Clase de protección al fuego (DIN EN 13501-1: 2018)	B - s1, d0 (difícilmente inflamable)	

Proceso de producción Pirontex®



50 % menos
consumo de energía



60 % menos
emisiones de CO₂



80 % menos
consumo de agua

V Ficha técnica | Cristal 0,5 mm FR M2

Descripción	Norma	Valor	Unidad de medida		Tolerancia
Composición		100*	%	PVC	
Suavidad		44 PHR			
Espesor		0,5	mm		+/-0,02
Peso		650	g/m2		+/-5 %
Norma francesa	NF P 92-507:2004	M2			
Anchura		140	cm		+/-1
Resistencia a la tracción	ASTM D882	≥30	N/mm ²	Urdimbre	
		≥28	N/mm ²	Trama	
Alargamiento a la rotura	ASTM D882	≥300	%	Urdimbre	
		≥300	%	Trama	
Resistencia al desgarro	ASTM D1004-91A	≥91	N/mm	Urdimbre	
		≥87	N/mm	Trama	
		REACH - ROHS			

Todos los valores son meramente informativos.



ZINGERLE GROUP



ZINGERLE GROUP SpA
Via Val Pusteria 2
I-39040 Naz-Sciaves (BZ)

www.zingerle.group