



Gazebo gonfiabili Aerise®

 **Certificati**

ZINGERLE GROUP

 MASTERTENT

 ECOTENT

 AERISE

 RUKU1952


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

www.zingerle.group

Index

1. Perché Aerise®?



Otto buone ragioni

2

Garanzie

3

2. Certificati e risultati dei test



Certificato di resistenza al vento

5

Test di reazione al fuoco - Pirontex®

6

Test di reazione al fuoco - PVC

10

SGS Cristal

12

ECO PASSPORT di OEKO-TEX®

13

Fattore di protezione UV - Pirontex®

14

3. Schede tecniche



Pirontex®

17

Cristal 0,5 mm FR M2

18



Perché scegliere Aerise®?

8 motivi convincenti:

1. Produzione interna e sviluppo prodotto in Alto Adige, Italia
2. Massima qualità dei prodotti e un'ampia gamma di soluzioni
3. Gestione aziendale sostenibile, oggi alla terza generazione
4. Assistenza personalizzata in loco grazie alla nostra rete commerciale globale
5. Consegna rapida, affidabile e in tutto il mondo
6. Garanzia di 15 anni sui ricambi
7. Certificazioni internazionali
8. Possibilità di stampa personalizzata



PRODUTTORE



MADE IN EUROPE





Quando viene verificata la qualità dei nostri gazebo gonfiabili?

Dopo ogni fase del processo.

Per garantire la massima affidabilità, i nostri gazebo gonfiabili vengono sottoposti a rigorosi test aggiuntivi che ne assicurano la qualità.

Servizi di garanzia:

- Garanzia legale di 2 anni dalla data di acquisto
- Garanzia sui ricambi di 15 anni, con disponibilità assicurata dei pezzi nel lungo periodo

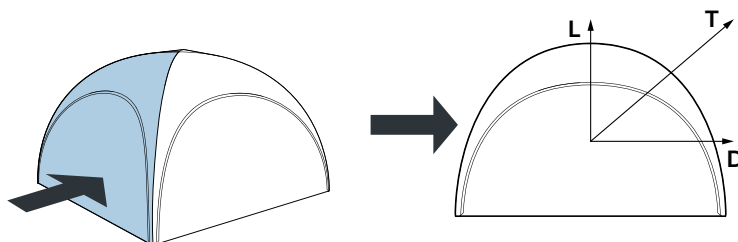
Certificati e risultati dei test

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)

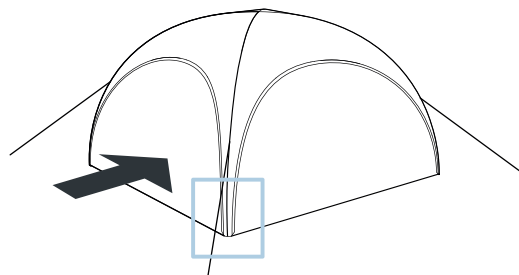


Size	Drag (D) [daN]			Lift (L) [daN]			Total Force (T) [daN]		
	30 km/h wind speed (18.7 mph)	40 km/h wind speed (25 mph)	60 km/h wind speed (37.3 mph)	30 km/h wind speed (18.7 mph)	40 km/h wind speed (25 mph)	60 km/h wind speed (37.3 mph)	30 km/h wind speed (18.7 mph)	40 km/h wind speed (25 mph)	60 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		
4x4	1x Tube Ballast		
5x5	1x Tube Ballast		
6x6	2x Tube Ballasts		
		2x Tube Ballasts	
		1x Ballast Barrel	
			1x Ballast Barrel
			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:

[Signature]

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@effectis.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

All rights reserved.
No part of this publication may be reproduced and/or published without the previous written consent of Efectis Nederland BV.
Submitting the report for inspection to parties who have a direct interest is permitted.

In case this report was drafted on instructions, the rights and obligations of contracting parties are subject to either the Standard Conditions of Efectis Nederland BV or the relevant agreement concluded between the contracting parties.

© 2023 Efectis Nederland BV



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



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

All rights reserved.
No part of this publication may be reproduced and/or published without the previous written consent of Efectis Nederland BV.
Submitting the report for inspection to parties who have a direct interest is permitted.

In case this report was drafted on instructions, the rights and obligations of contracting parties are subject to either the Standard Conditions of Efectis Nederland BV or the relevant agreement concluded between the contracting parties.

© 2022 Efectis Nederland BV



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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and is not to be used in the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from fulfilling all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, copying or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: For further assistance, firstly of testing/inspection report & certificate, please contact us at telephone: (86-755)85571443, or email: CN.Doccheck@sgs.com



SGS-CSTC Technical Service Co., Ltd. 15/F Building, Export Industrial Park, No. 1 Shuowen Road, Wente Sector, Dapeng New District, Shenzhen, Guangdong, China 518103 t: (86-757)22805888 f: (86-757)22805858 www.cn.sgs.com
 中国·广东·深圳市宝安区西乡街道五沙社区西乡大道1号广晟大厦 邮编: 518103 t: (86-757)22805888 f: (86-757)22805858 e: 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 MRL Conformance Level 1 is achieved for certified product(s) without restriction(s).

Busto Arsizio, 19.07.2019

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

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

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



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

Schede tecniche

Pirontex®

Titolo del filato	2 x 300D = 600D (filato doppio)	
Peso	255 g/m ²	
Densità	80 (ordito) x 60 (trama) per pollice ²	
Finitura	colore PU 3x, ANTI-UV	
Allungamento (EN 53360)	6 % allungamento permanente	
Trazione massima (ISO 13934-1:1999 - Valore medio su cinque livelli ciascuno)	ordito	2.120 N
	trama	1.630 N
Resistenza alle flessioni (DIN EN ISO 32100)	senza esposizione UV incrinatura dopo 100.000 pieghe	
	con esposizione UV incrinatura dopo 31.500 pieghe	
Colonna d'acqua (DIN EN 20811)	5.000 mm	
Resistenza alla luce		Filato colorato
	(DIN EN ISO 105-B02)	scala dei blu: 7-8 (su max. 8)
	(DIN EN ISO 105-A02)	scala dei grigi: 4,5 (su max. 5)
Rivestimento	nano rivestimento: repellente a acqua, olio e sporcizia	
Classe di resistenza al fuoco (DIN EN 13501-1: 2018)	B - s1, d0 (non infimabile)	

Processo di produzione Pirontex®



50% meno
energia consumata



60% meno
CO₂ emissa



80% meno
acqua consumata

V Scheda tecnica | Cristal 0,5 mm FR M2

Descrizione	Norma	Valori	U.M.	Tolleranze
Composizione		100*	%	PVC
Morbidezza		44 PHR		
Spessore		0,5	mm	+/- 0,02
Peso		650	gr/m2	+/- 5%
Standard francese	NF P 92-507:2004	M2		
Larghezza		140	cm	+/- 1
Trazione massima	ASTM D882	≥ 30	N/mm ²	Ordito
		≥ 28	N/mm ²	Trama
Allungamento a rottura	ASTM D882	≥ 300	%	Ordito
		≥ 300	%	Trama
Resistenza allo strappo	ASTM D1004-91A	≥ 91	N/mm	Ordito
		≥ 87	N/mm	Trama
		REACH - ROHS		

Tutti i valori sono dati esclusivamente a titolo informativo.





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

www.zingerle.group