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ENGLISH

CERTIFICATES X GLOO

EVENT TENT 2020

| | |
|------------------------|--------------|
| <u>Fire Protection</u> | <u>02-12</u> |
| <u>DIN 4102 - B1</u> | <u>03-18</u> |
| <u>Nestra</u> | <u>03-08</u> |
| <u>Lotus</u> | <u>09-18</u> |
| <u>CPAI-84</u> | <u>19-26</u> |
| <u>Nestra</u> | <u>19-22</u> |
| <u>Lotus</u> | <u>23-26</u> |
| <u>Lotus FRANCE</u> | <u>27-30</u> |
| <u>Impermeability</u> | <u>33</u> |
| <u>UV Resistance</u> | <u>34</u> |
| <u>Maximum Weight</u> | <u>35-36</u> |

FIRE PROTECTION

Fire Protection Classification of the X GLOO tent line

DIN 4102-B1 (abbr.: B1)

Regulates inspection and requirements of the reaction to fire for building materials and building components. A German standard which is also used in most European countries.

CPAI 84-95, Section 6

Specification of the American Association of Sailcloth Products for the evaluation of flame-retarding materials used in tents.

Although X GLOO tents are in use worldwide, we reserve the right not to have them certified according to the explicit standards of other nations.

The certification according to CPAI 84 meets the international requirements for flame-retardance for tent products and includes similar inspection criteria as DIN 4102-B1 or NFP 92501-7M2.



Textile Laboratory

Test Report

No: TX11975 /2018 /SP

Date: Mar. 07, 2018

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[Redacted]
 Taipei 105, Taiwan

The following sample was submitted and identified by applicant as:

| | |
|------------------------------|-------------------------------------------------------------------------------------------|
| Sample Description | : One sample of woven fabric with coating |
| Color | : Blue 2728C |
| Fiber Content | : 100% Polyester |
| Fabric Weight | : 265g/y; 172g/sgm |
| End Use | : Tent |
| Style No. | : Nestra |
| Buyer | : Skywalk GMBH & Co. KG |
| Order No. | : PF-31084 |
| Manufacturer/Vendor | : [Redacted] |
| Country of Origin | : Taiwan |
| Country of Destination | : Germany |
| Applicant | : [Redacted] |
| Sample Receiving Date | : Jan. 29, 2018 |
| Test Performance Period | : Jan. 29, 2018 to Mar. 07, 2018 |
| Client's Provided Care Label | : Machine Wash Warm Do Not Bleach Do Not Dry Clean Tumble Dry Low Do Not Iron |
| Test Performed | : Selected test(s) as requested by applicant. |
| Test Results | : For further details, please refer to the following page(s). |

Signed for and on behalf of
 SGS Taiwan Ltd.

Vicky Lin
 Lin Yi Wen, Vicky
 Test Specialist



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TW02245841

10005



Textile Laboratory

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Test Results:

Test Requested:

To determine the flammability (building materials class B1) in accordance with DIN 4102-1 (May 1998) Fire behaviour of building materials and elements Part 1: Classification of building materials, Requirements and testing

I. Test conducted

This test was conducted as per DIN 4102-15:1990 DIN 4102-16:1998 and DIN 4102-1:1998 Clause 6.2. Classification in according to DIN 4102-1 (May 1998) Clause 6.1-Class B1 materials.

II. Sample details

| | |
|----------------|---------------------------|
| Color | Blue 2728C |
| Density | About 150g/m ² |
| Size of sample | 1000mmx190mm & 190mmx90mm |

Conditioning

Prior to testing, the sample was conditioned at least 14 days to constant mass at a temperature of 23 ± 2 °C, and a relative humidity of 50 ± 6 %.

III. Test results

1) "Brandschacht" Test according to DIN 4102-15 &16

Exposed surface: The front face

| Results of "Brandschacht" Test (part 1) | | | | |
|-----------------------------------------|---------------------------------------------------------------------|---------------------|-----------|-------|
| Line No. | Unit | Test assemblies No. | | |
| | | Lengthwise | Widthwise | |
| 1 | Specimen fixings according to DIN 4102 part 15, table | - | 1 | 1 |
| 2 | Max. flame height above lower sample edge; | cm | 40 | 40 |
| 3 | Time ¹⁾ | min:s | 00:26 | 00:22 |
| 4 | <u>Melting/burning through</u> Time ¹⁾ | min:s | 00:03 | 00:04 |
| 5 | <u>Back of specimen</u> Flaming/glowing, Time ¹⁾ | min:s | 00:05 | 00:05 |
| 6 | Discolouring, Time ¹⁾ | min:s | 00:02 | 00:02 |
| 7 | <u>Burning droplets</u> Begin ¹⁾ | min:s | 00:08 | 00:10 |
| 8 | <u>Amount</u> Specimen material falling off in separate droplets | | / | / |
| 9 | Specimen material falling off continuously | | √ | √ |

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| Results of "Brandschacht" Test (part 2) | | | |
|-----------------------------------------|-------------------------------------------------------------|---------------------|-----------|
| Line No. | Unit | Test assemblies No. | |
| | | Lengthwise | Widthwise |
| | <u>Burning parts</u> | Yes | Yes |
| 10 | Begin ¹⁾ | 00:18 | 00:20 |
| 11 | Parts of sample falling off separately | √ | √ |
| 12 | Parts of sample falling off continuously | / | / |
| 13 | Duration of continued combustion on mesh base (max.) | No | No |
| | <u>Burner flame impairment by dripping/falling material</u> | No | No |
| 14 | Time ¹⁾ | / | / |
| | <u>Premature ending of test</u> | / | / |
| 15 | End of burning at specimen ¹⁾ | / | / |
| 16 | Time when test terminated (if applicable) ¹⁾ | / | / |
| | <u>Burning after end of test</u> | No | No |
| 17 | Duration | / | / |
| 18 | Number of specimens | / | / |
| 19 | Front of specimen | / | / |
| 20 | Back of specimen | / | / |
| 21 | Height of flame | / | / |
| | <u>Glowing after end of test</u> | No | No |
| 22 | Duration | / | / |
| 23 | Number of specimens | / | / |
| 24 | Front of specimen | / | / |
| 25 | Back of specimen | / | / |
| 26 | Top half of specimen | / | / |
| 27 | Bottom half of specimen | / | / |

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11/16



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| Results of "Brandschacht" Test (part 3) | | | | | |
|-----------------------------------------|-------------------------------|---------------------|----|-----------|----|
| Line No. | Unit | Test assemblies No. | | | |
| | | Lengthwise | | Widthwise | |
| | <u>Residual length</u> | / | | / | |
| 28 | Single results | 70 | 68 | 72 | 70 |
| | | 71 | 67 | 69 | 68 |
| 29 | Average of the single results | 69.0 | | 69.8 | |
| | <u>Smoke temperature</u> | / | | / | |
| 30 | Max. of average | 135.4 | | 138.7 | |
| 31 | Time ¹⁾ | 07:01 | | 06:38 | |

Note: ¹⁾ time from start of testing

*Reduction in number of test (DIN 4102 Par 16, clause 5.2)

Class B1 materials:

If the residual length measured after the first test is 45cm or greater, further tests are not required.

2) Normal Flammability Test according to DIN 4102-1 Clause 6.2

Bottom edge ignition

Fire application time: 15s

| Parameter | Lengthwise | | | | | Crosswise | | | | |
|---------------------------------------------------------------------------|------------|-----|-----|-----|-----|-----------|-----|-----|-----|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Whether or not flaming extinguished before reach the gauge mark(Yes/No) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Whether or not flaming reach the measuring mark within 20 seconds(Yes/No) | No | No | No | No | No | No | No | No | No | No |
| Time for the flame tip to reach the gauge mark(s) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Afterflame time (s) | 32 | 28 | 28 | 30 | 29 | 28 | 27 | 26 | 28 | 28 |
| Max. flame height (cm) | 9 | 10 | 10 | 9 | 9 | 10 | 10 | 12 | 11 | 10 |
| Molten dripping(Yes/No) | No | No | No | No | No | No | No | No | No | No |
| Smoke developments (visual impression) | Slight | | | | | Slight | | | | |

Note:

NA---Not applicable

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IV. DIN 4102-1:1998 Criteria for classification

1) All materials, except flooring, may be classed as **B1** materials if they meet the following requirements a) and b):

a) The test using the 'Brandschacht' apparatus described in DIN 4102-15 (cf. subclause 6.1.3.1) shall be deemed passed if

– The mean value for the residual length (portion of specimen that has not burned or charred; cf. subclause 9.1 of DIN 4102-16) of each specimen is at least 15 cm and no individual values are lower than 0 cm,

– The mean effluent temperature does not exceed 200 °C in any test,

– The requirement for the residual length of each specimen is met even where there is afterflame, afterglow, or smouldering.

b) Pass DIN 4102-1: 1998 sub-clause 6.2.3 Ignitability Test if

For each specimen, flaming doesn't reach the gage mark within 20s after flame application.

2) Materials may be classed as **B2** materials if they pass the ignitability test specified in DIN 4102-1: 1998 subclause 6.2.5.

For each specimen, flaming doesn't reach the gage mark (150mm marks) within 20s after flame application.

3) Combustible materials which cannot be classed as B1 or B2 materials shall be classed as **B3** materials.

STATEMENTS:

This test report does not replace any mandatory certification of the product that may be required.

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire and smoke hazard of the product in use.

Classification: The tested sample **meets** Class **B1** building materials requirements of DIN 4102-1 (May 1998).

Tested by relevant SGS laboratory.

*** End of Report ***

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TWC4243645

10000



Test Report

No. SDHGR110400750FM

Date: May 13, 2011

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V. Conclusions

The sample tested meets the requirements of class **B1** of DIN 4102-1:1998-05.

Photo Appendix:



End of Report

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Test report No. 2019-1389

for applying of a required "Verwendbarkeitsnachweis"
issued 30.04.2019

Applicant:



Date of order: 09.04.2019
Date of sampling: *no official sampling of the specimen by a representative of Warringtonfire Frankfurt GmbH*
Date of arrival: 10.04.2019
Date of test: 24.04.2019 + 25.04.2019

Order

Testing of the flammability (building class B1) according to DIN 4102-1 (May 1998)

Description / designation of the test object

Product name: TENT 600 FRC

Description of the relevant test procedure

DIN 4102 part 1 (Mai 1998)

This test report does not replace the required „Verwendbarkeitsnachweis“. It is only used for issuing the "Verwendbarkeitsnachweis".



1. Description of the test material

1.1 Details of the customer:

Product name: TENT 600 FRC

Probenbeschreibung:

- a) Main Components: 100% PES + FR PU coated
- b) Thickness: 0,34 mm
- c) Grossweight: 275 g
- d) Color: White (WIL081)
- e) Batch: Batch 96369

Face to be tested: Face = white side

Intended end use of product: Promotional tents and displays

1.2 By Warringtonfire Frankfurt GmbH determined values:

Fabric sample

colour: white

thickness: 0,33 mm

Square weight: 280 g/m²

Testing after storing 14- days under climatic conditions (23°C / 50 % rel. humidity).

2. Test results

2.1.1 Brandschachtprüfung according to DIN 4102-1

Sample A: Material tested in production direction.

Sample B: Material tested cross to the production direction.

| Test results of the Brandschacht tests part 1 | | | | | | |
|-----------------------------------------------|------------------------------------------------------------------------------------------|--------------------------|-------|-------|---|---|
| line no. | | Measurements test sample | | | | |
| | | | A | B | C | D |
| 1 | <u>no. test arrangement according to DIN 4102 part 15, table 1</u> | | 1 | 1 | | |
| 2 | <u>flame height max. over lower sample edge</u> time ¹⁾ | cm | 30 | 30 | | |
| | | min : s | 00:10 | 00:10 | | |
| 3 | <u>ascertainties on the front side</u> Flaming/glowing time ¹⁾ | min : s | 00:03 | 00:03 | | |
| 4 | <u>melting / burning through</u> time ¹⁾ | min : s | 00:06 | 00:06 | | |
| 5 | <u>ascertainties on the back side</u> Flaming/glowing time ¹⁾ | min : s | no | no | | |
| 6 | discolouring time ¹⁾ | min : s | no | no | | |
| 7 | <u>burning droplets</u> begin ¹⁾ | min : s | no | no | | |
| 8 | occasional dropping of material | | | | | |
| 9 | constant dropping of material | | | | | |
| 10 | <u>separating from burning sample parts</u> begin ¹⁾ | min : s | no | no | | |
| 11 | occasional separating parts | | | | | |
| 12 | constant separating parts | | | | | |
| 13 | duration of burning on the sieve tray (max.) | min : s | no | no | | |
| 14 | influence on the burner flame by dropping of / separating material time ¹⁾ | min : s | no | no | | |
| | | min : s | no | no | | |
| 15 | <u>earlier end of test</u> end of the fire scenario on the sample ¹⁾ | min : s | no | no | | |
| 16 | time of a possible resulted test stop ¹⁾ | min : s | | | | |

¹⁾ time from start of test

| Test results of the Brandschacht tests part 2 | | | | | |
|-----------------------------------------------|----------------------------------|---------|--------------------------|---------|--|
| line no. | | | Measurements test sample | | |
| | | | A | B | |
| 17 | <u>flaming after end of test</u> | | no | no | |
| 18 | duration | | no | no | |
| 19 | number of sample | min : s | no | no | |
| 20 | front side of sample | | no | no | |
| 21 | backside of sample | | no | no | |
| 21 | flame length | cm | no | no | |
| 22 | <u>glowing after end of test</u> | | -- | -- | |
| 23 | duration | min . s | no | no | |
| 24 | number of sample | | no | no | |
| 25 | place of occurrence | | no | no | |
| 26 | lower sample part | | no | no | |
| 27 | upper sample part | | no | no | |
| 27 | front side of sample | | no | no | |
| 27 | backside of sample | | no | no | |
| 28 | <u>smoke density</u> | | | | |
| 29 | < 400 % x min | | 9 | 7 | |
| 30 | > 440 % x min | | -- | -- | |
| 30 | diagram in annex no. | | 1 | 2 | |
| 31 | <u>residual length</u> | | | | |
| 32 | single results | cm | 69 / 66 | 70 / 70 | |
| 33 | average of the single results | | 68 / 65 | 71 / 71 | |
| 33 | photo of the sample on page | cm | 67 | 70 | |
| 33 | | | 5 | 5 | |
| 34 | <u>smoke temperature</u> | | | | |
| 35 | max. of the average results | °C | 109 | 109 | |
| 36 | time ¹⁾ | min : s | 09:42 | 08:32 | |
| 36 | diagram in annex no. | | 1 | 2 | |

¹⁾ time from start of test

Remarks: As the residual length was > 45 cm during the Brandschacht test, no further tests were necessary according to DIN 4102-16.

2.1.2 Appearance of the specimen after the test:



Sample A



Sample B

2.2.1 Normal flammability test according to DIN 4102-1

Test with edge ignition without deposit
 Flame application on: lower sample edge
 Edge ignition

Length direction

| Sample-no. | 1 | 2 | 3 | 4 | 5 |
|--------------------------------------------------------------------------|--------------------------|----|----|----|----|
| Time from start of test | | | | | |
| Ignition point [s] | 1 | 1 | 1 | 1 | 1 |
| Reaching the measuring mark within 20 seconds | no | no | no | no | no |
| Self-extinguishing of the flame [s] | 6 | 8 | 5 | 7 | 6 |
| Max. flame height [mm] | 60 | 70 | 60 | 70 | 50 |
| Time [s] | 5 | 6 | 5 | 6 | 5 |
| End of afterflaming [s] | - | - | - | - | - |
| End of afterglowing [s] | - | - | - | - | - |
| Flames extinguished after [s] | - | - | - | - | - |
| Smoke development (visual impression) _{low / moderate / strong} | strong smoke development | | | | |
| Separating from burning material | no | no | no | no | no |
| Time [s] | - | - | - | - | - |

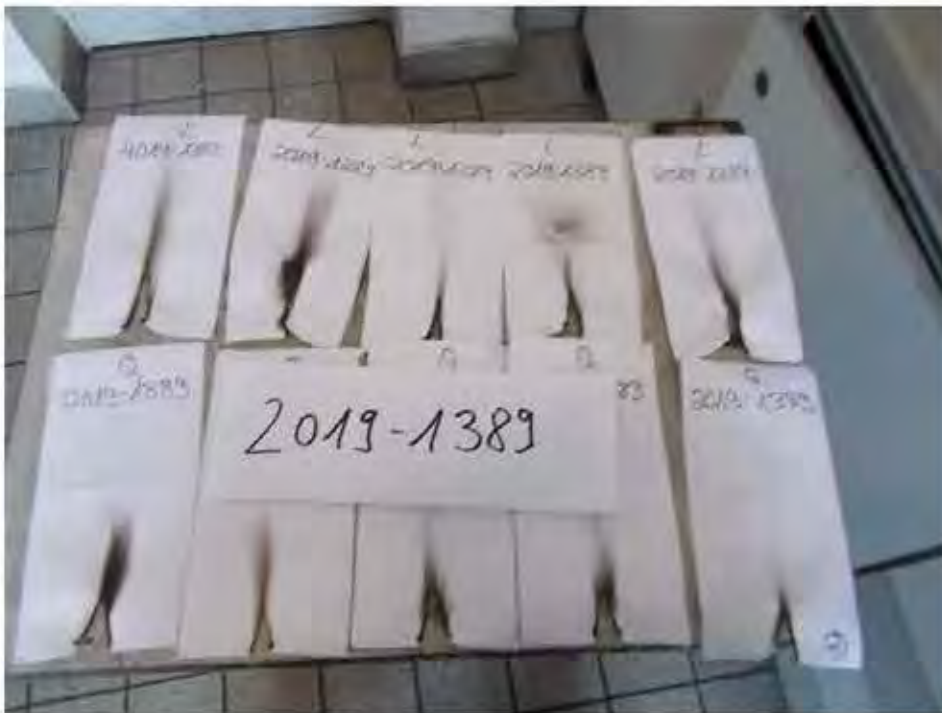
Remarks: none

Cross direction

| Sample-no. | 1 | 2 | 3 | 4 | 5 |
|--------------------------------------------------------------------------|--------------------------|----|----|----|----|
| Time from start of test | | | | | |
| Ignition point [s] | 1 | 1 | 1 | 1 | 1 |
| Reaching the measuring mark within 20 seconds | no | no | no | no | no |
| Self-extinguishing of the flame [s] | 4 | 4 | 4 | 4 | 4 |
| Max. flame height [mm] | 30 | 30 | 30 | 30 | 30 |
| Time [s] | 3 | 3 | 3 | 3 | 3 |
| End of afterflaming [s] | - | - | - | - | - |
| End of afterglowing [s] | - | - | - | - | - |
| Flames extinguished after [s] | - | - | - | - | - |
| Smoke development (visual impression) _{low / moderate / strong} | strong smoke development | | | | |
| Separating from burning material | no | no | no | no | no |
| Time [s] | - | - | - | - | - |

Remarks: none

2.2.4 Appearance of the sample after the small burner test:



Assessment

The material described in chapter one fulfils the requirements of the building class B2 according to DIN 4102-1 (Mai 1998).

The determined test results show that the material also fulfils the requirements

of the building class B1

according to DIN 4102-1 (Mai 1998).

Special note

The fire test result is only valid for the material described in chapter one in the tested colour, surface weight and thickness.

The test was carried out in free hanging configuration.

The distance to other plane material must be more or equal then 40 mm.

The material wasn't tested after an outside storage.

In combination with other materials (for example coatings, deposits) the burning behaviour could be influenced unfavourable so that the classification above is not valid any longer. According to DIN 4102-1 the burning behaviour in combination with other materials has to be tested separately.

This test report does not replace the required „Verwendbarkeitsnachweis“. It is only used for issuing the "Verwendbarkeitsnachweis".

Frankfurt, the 30th April 2019



H. Anders
Tester in Charge



P. Scheinkönig
Prüfstellenleiter Bau-PVO



This Test report is valid until 23.04.2024

The results of the tests relate only to the behaviour of the test specimen which is designated on the top.

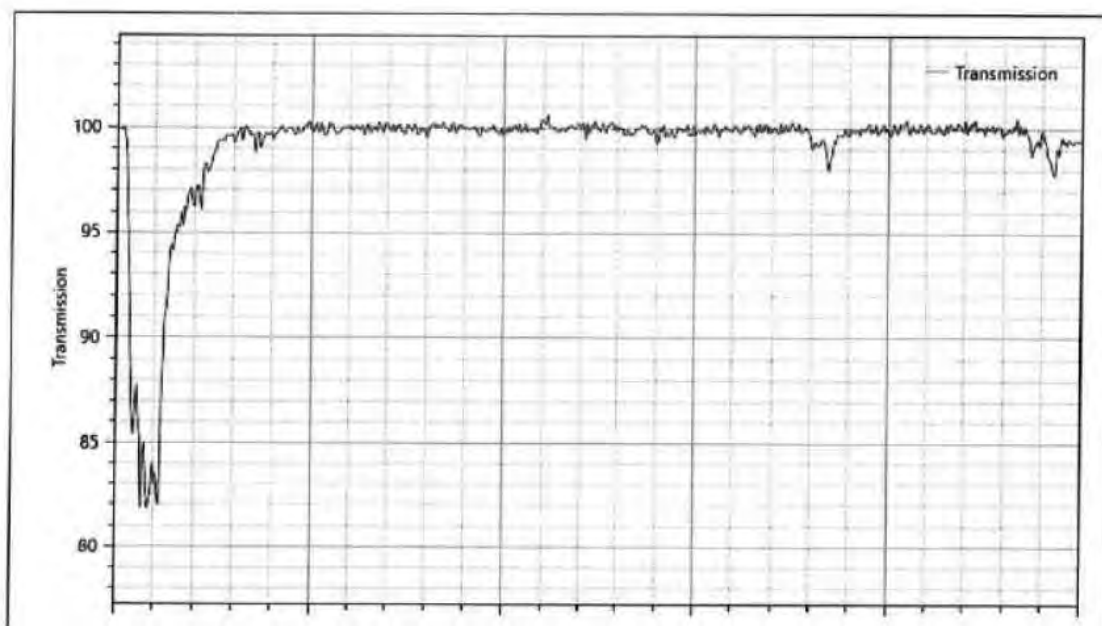
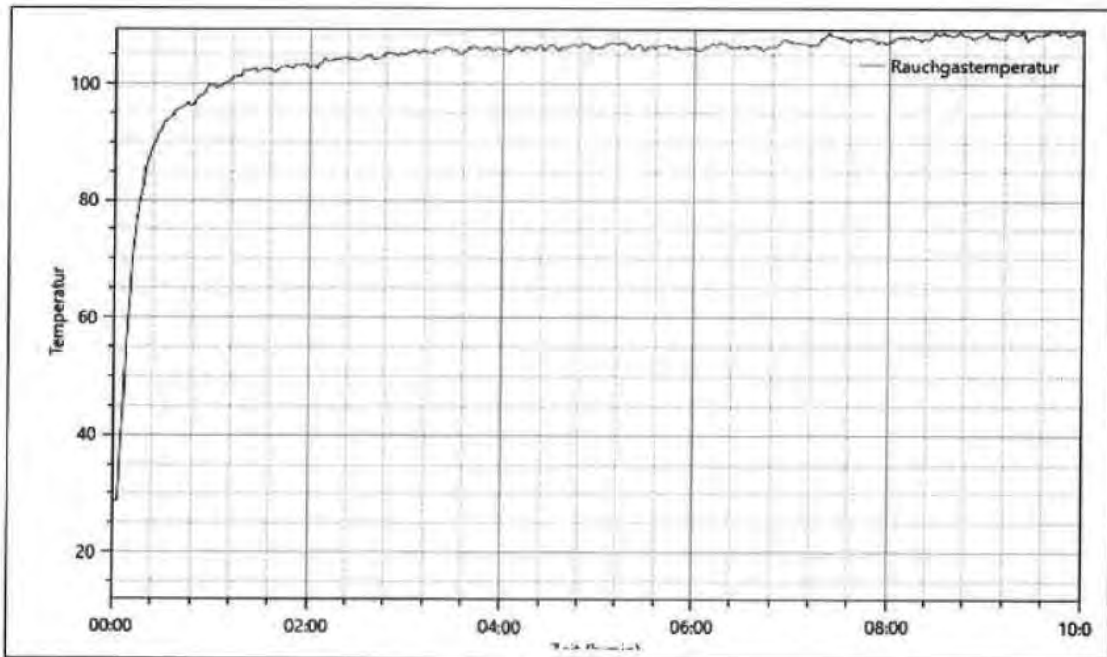
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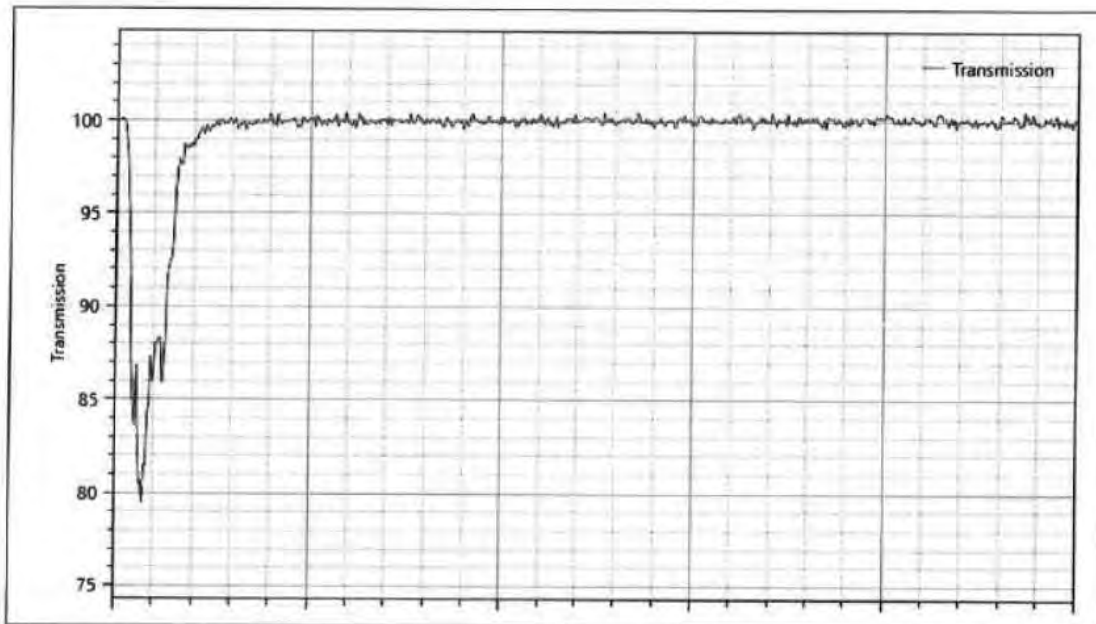
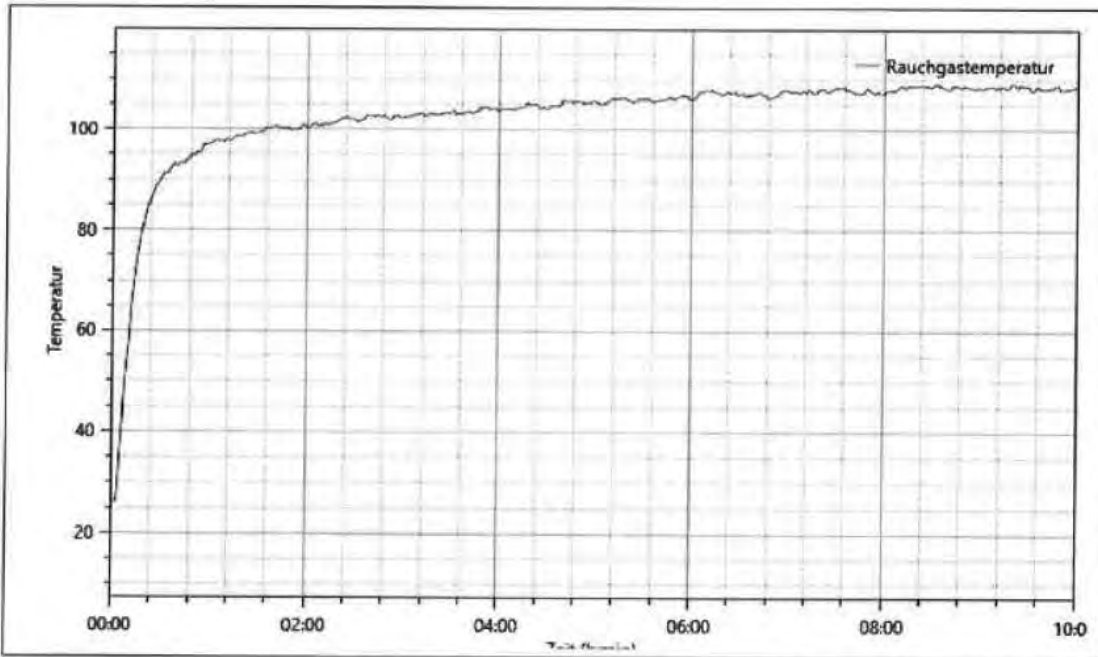
This test report contains 8 pages and 2 annexes.

Annex 1 to the Test report No. 2019-1389 issued 30.04.2019

Sample A:



Annex 2 to the Test report No. 2019-1389 issued 30.04.2019
Sample B:





**Textile Laboratory
 Test Report**

No: TX81654 /2017 /SP

Date: Aug. 28, 2017

Page 1 of 3

Taipei 105 ,Taiwan

The following sample was submitted and identified by applicant as:

| | |
|-------------------------|-----------------------------------------------------------------------------------------------|
| Sample Description | : One sample of woven fabric WR+CPAI-84FR 1500mm w/UV color fastness to light AATCC 16 80 hrs |
| Color | = Red 200C |
| Fiber Content | = 100% Polyester |
| Fabric Weight | = 172g/m ² |
| Construction | = T250D*T250D |
| Style No. | = Nestra |
| Order No. | = PF-30404-1 |
| Applicant | = |
| Sample Receiving Date | = Aug. 23, 2017 |
| Test Performance Period | = Aug. 23, 2017 to Aug. 28, 2017 |
| Test Performed | = Selected test(s) as requested by applicant. |
| Test Results | = For further details, please refer to the following page(s). |

Signed for and on behalf of
 SGS Taiwan Ltd.

Justin Chen

Chen Chih Wei, Justin
 Asst. Supervisor



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TWC3122651



Textile Laboratory
Test Report

No: TX81654 /2017 /SP

Date: Aug. 28, 2017

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Test Results:

Flammability Test

Test Requested:

Flammability test of submitted sample in accordance with CPAI-84:1995 specifications issued by Industrial Fabric Association International of USA

Test Result:

FLAMMABILITY TEST (CPAI-84) Sec. 6 – Wall & Top material

Sample weight (10 cm × 10 cm) : 1.7380 × 100 = 173.80 g/m²

As Received

Pass

| Specimen | Damaged Length (mm) | | After-flame time (second) | |
|----------|---------------------|-----------|---------------------------|-----------|
| | Lengthwise | Widthwise | Lengthwise | Widthwise |
| 1 | 132 | 143 | 0.0 | 0.0 |
| 2 | 130 | 121 | 0.0 | 0.0 |
| 3 | 141 | 131 | 0.0 | 0.0 |
| 4 | 125 | 138 | 0.0 | 0.0 |
| Average | 133 | | 0.0 | |

*Continuous flaming was not observed after the dipped/broken material fell on the floor of the test cabinet.

1. Damaged Length

| Fabric weight (g/sq.m) | Maximum average for sample unit (mm) | Maximum for individual specimen (mm) |
|-------------------------------------|--------------------------------------|--------------------------------------|
| More than 135 but not more than 200 | 190 | 255 |

*** Lightweight Fabric Mass Loss Criteria**

Any wall or top material with a mass of less than 200 g/m² will be considered acceptable if the mass loss during the test is no greater than 5 percent of the original test specimen mass, regardless of the damaged length measurement.

2. After flame time

- No specimen shall have an after-flame time of more than 4 seconds.
- Average after-flame time of all specimens shall not exceed 2 seconds.

3. Portions or residues that break or drip from the test specimens shall not continue to flame after they reach the floor of the test cabinet.

4. These requirement includes:

- specimens that were unleached and unweathered
- specimens that were leached but unweathered
- specimens that were weathered but unleached

5. Loads for Determining Damaged Length.

* Untreated weight of material being tested more than 340 g/m² /

Total tear force for determining the damaged length-350 g.

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TWC2747260

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Textile Laboratory

Test Report

No: TX81654 /2017 /SP

Date: Aug. 28, 2017

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Conclusion

The submitted sample(s) **complies with** the requirements prescribed in CPAI-84:1995 Section 3, in as received.

Tested by relevant SGS laboratory.

*** End of Report ***

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TWC2747261

SGS

SAMPLE CARD

REPORT NO.: TX81654/17'



TX 02



Your notice of
26-09-2019

Your reference
CT-261

Date
18-11-2019

Analysis Report 19.05414.04

Modification of analysis report 19.05414.02, made on 05-11-2019

Required tests :

NF P92-507 (2004)

| Identification number | Information given by the client | Date of receipt |
|-----------------------|---------------------------------|-----------------|
| T1920710 | F701FR01 Heavy Tent 245 FR | 26-09-2019 |

Gina Créelle
Order responsible

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 The results of the analysis cover the received samples. Centexbel is not responsible for the representativeness of the samples.
 In assessing compliance with the specifications, we did not take into account the uncertainty on the test results.



Analysis Report 19,05414,04
Date 18-11-2019
Page 2/4

Reference: T1920710 - F701FR01 Heavy Tent 245 FR

Water soaking procedure

Date of ending the test 09-10-2019
Standard used NF P92-512 § 6.5.6.1 (1986)

Deviation from the standard -

Sample generated: T1920710_01d

http://www.xldisplays.co.uk/.../www.xldisplays.co.uk/...

Performed in the fire lab under the responsibility of Mike De Vrieze



Analysis Report 19,05414,04
 Date 18-11-2019
 Page 3/4

Reference: T1920710_01d - F701FR01 Heavy Tent 245 FR

Classification of materials according to their reaction to fire - "Electric burner"

Date of ending the test 24-10-2019
 Standard used NF P92-503 (1995)
 Product standard NF P92-507 (2004)

Deviation from the standard -

Dimension of the specimens 600 mm x 180 mm x 1 mm
 Weight (g/m²) 330

Conditioning 23°C, relative humidity 50%
 Minimum 7 days or until constant mass is achieved

| | Length | | Width | |
|--------------------------------------------|--------|--------|--------|--------|
| | Face A | Face B | Face A | Face B |
| Hole formation | yes | yes | yes | yes |
| Max. afterflame time (s) | 0 | 9 | 26 | 0 |
| Afterglow | no | no | no | no |
| Afterglow with propagation in area > 25 cm | no | no | no | no |
| Damaged length (cm) | 19,0 | 20,0 | 18,5 | 20,0 |
| Damaged width (cm) in area >45 cm | 0 | 0 | 0 | 0 |
| Flaming molten droplets | no | no | no | no |
| Non-flaming molten droplets | no | yes | no | no |
| Flaming debris | no | no | no | no |
| Non-flaming debris | no | no | no | no |
| Average damaged length (cm) | 19,5 | | | |
| Average damaged width (cm) in area > 45 cm | 0 | | | |

Performed under accreditation in the fire lab under the responsibility of Mike De Vrieze

<http://www.xldisplays.co.uk>



Analysis Report 19,05414,04
 Date 18-11-2019
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Reference: T1920710_01d - F701FR01 Heavy Tent 245 FR

Classification of materials according to their reaction to fire - "Test for melting materials"

Date of ending the test 05-11-2019
 Standard used NF P92-505 (1995)
 Product standard NF P92-507 (2004)

Deviation from the standard -

Dimension of the specimens 70 mm x 70 mm x 1 mm
 Number of layers 2
 Weight (g/m²) 330

The test specimens have not been cleaned nor submitted to an accelerated ageing procedure

Conditioning 23°C, relative humidity 50%
 Minimum 7 days or until constant mass is achieved

Four specimens, two on both sides, have been tested .

| | | First ignition (s) | Non-flaming debris | Flaming debris | Ignition cotton wool | Mass (g) |
|----|--------|--------------------|--------------------|----------------|----------------------|----------|
| #1 | face A | 35 | yes | no | no | 2.9 |
| #2 | face B | * | yes | no | no | 3.0 |
| #3 | face A | * | yes | no | no | 3.0 |
| #4 | face B | * | yes | no | no | 3.0 |

* no ignition

Classification M2



Texo Trade Services B.V.
Oostbaan 601
2841 ML MOORDRECHT
Nederland

Votre message du
26-09-2019

Votre référence
CT-261

Date
24-02-2020

Rapport d'analyse 19.05414.05

Modification du rapport d'analyse 19.05414.02, établi le 05-11-2019

Essais demandés :

NF P92-507 (2004)

| Numéro d'identification | Informations données par le client | Date de réception |
|-------------------------|------------------------------------|-------------------|
| T1920710 | F701FR01 Heavy Tent 245 FR | 26-09-2019 |

Gina Créelle
Responsable de la commande de tests

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Les résultats d'analyse valent pour les échantillons reçus. Centexbel n'est pas responsable de la représentativité des échantillons.
Pour déclarer ou non la conformité à la spécification, il n'a pas été tenu compte de l'incertitude associée au résultat.

HIRICHTING ERKENND BIJ TOEPASSING VAN DE BESLUITWET VAN 30 JANUARIJ 1947 / ETABLISSEMENT RECONNU PAR APPLICATION DE L'ARRÊTÉ LOI DU 30 JANVIER 1947



Rapport d'analyse 19.05414.05
Date 24-02-2020
Page 2/4

Référence: **T1920710 - F701FR01 Heavy Tent 245 FR**

Procédure de trempage

Date de la fin de l'essai 09-10-2019
Norme appliquée NF P92-512 § 6.5.6.1 (1986)

Déviations de la norme -

Echantillon résultant: T1920710_01d

RIKZAKTIEG BIKEND BIJ TOEPASSING VAN DE RESULTATWET VAN 30 JUNI 1967 / ETABLISSEMENT RECONNU PAR APPLICATION DE L'ARRÊTÉ (C) DU 30 JANVIER 1967

Effectué dans le labo feu sous la responsabilité de Mike De Vrieze



Référence: T1920710_01d - F701FR01 Heavy Tent 245 FR

Classement des matériaux selon leur réaction au feu - "Brûleur électrique"

| | |
|---------------------------|--------------------------------------------------------------------------------------------|
| Date de la fin de l'essai | 24-10-2019 |
| Norme appliquée | NF P92-503 (1995) |
| Norme de produit | NF P92-507 (2004) |
| Déviaton de la norme | - |
| Dimension des éprouvettes | 600 mm x 180 mm x 1 mm |
| Masse (g/m ²) | 330 |
| Conditionnement | 23°C, humidité relative 50% Au moins 7 jours ou jusqu'à obtention de la masse constante |

| | Longueur | | Largeur | |
|---------------------------------------------------------|----------|--------|---------|--------|
| | Face A | Face B | Face A | Face B |
| Percement du matériau | oui | oui | oui | oui |
| Temps d'inflammation max. (s) | 0 | 9 | 26 | 0 |
| Points en ignition | non | non | non | non |
| Points en ignition + effet de propagation (zone >25 cm) | non | non | non | non |
| Zone détruite, longueur (cm) | 19,0 | 20,0 | 18,5 | 20,0 |
| Zone détruite, largeur (cm) dans la zone >45 cm | 0 | 0 | 0 | 0 |
| Chute de gouttes enflammées | non | non | non | non |
| Chute de gouttes non-enflammées | non | oui | non | non |
| Chute de particules enflammées | non | non | non | non |
| Chute de particules non-enflammées | non | non | non | non |
| Moyenne des longueurs détruites (cm) | 19,5 | | | |
| Zone détruite, moyenne largeur (cm) dans la zone >45 cm | 0 | | | |

INRICHTING ERKEND BIJ TOEPASSING VAN 30 JANUARI 1942, / ETABLISSMENT RECONNU PAR APPLICATION DE L'ARTICLE 101 DU 30 JANVIER 1947

Effectué sous accréditation dans le labo feu sous la responsabilité de Mike De Vrieze



Référence: T1920710_01d - F701FR01 Heavy Tent 245 FR

Classement des matériaux selon leur réaction au feu - "Essai pour matériaux thermofusibles"

Date de la fin de l'essai 05-11-2019
 Norme appliquée NF P92-505 (1995)
 Norme de produit NF P92-507 (2004)

Déviations de la norme -

Dimension des éprouvettes 70 mm x 70 mm x 1 mm
 Nombre de couches 2
 Masse (g/m²) 330

Les éprouvettes ne sont ni nettoyées ni soumises à un vieillissement accéléré

Conditionnement 23°C, humidité relative 50%
 Au moins 7 jours ou jusqu'à obtention de la masse constante

Quatre échantillons ont été soumis à l'essai - deux essais sur chaque face du produit.

| | | Première inflammation (s) | Gouttes non-enflammées | Gouttes enflammées | Inflammation de la ouate | Masse (g) |
|----|--------|---------------------------|------------------------|--------------------|--------------------------|-----------|
| #1 | face A | 35 | oui | non | non | 2,9 |
| #2 | face B | * | oui | non | non | 3,0 |
| #3 | face A | * | oui | non | non | 3,0 |
| #4 | face B | * | oui | non | non | 3,0 |

* pas d'inflammation

Classement M2

IMPERMEABILITY

X GLOO certification of the impermeability of X GLOO tent materials.

X GLOO GmbH & Co. KG hereby certifies that the materials used for the production of X GLOO tents have a water column of at least 1500 mm.

Generally, materials with a water column of more than 800 mm can be considered impermeable.



Thomas Allertseder
CEO

X GLOO GmbH & Co. KG
Windeckstr. 4
83250 Marquartstein

+49 (0) 8641 6948-0
info@xgloo.com
www.xgloo.com

UV-PROTECTION FACTOR

X GLOO confirmation of the UV protection factor of X GLOO tent materials.

X GLOO GmbH & Co. KG hereby confirms that the materials used for the production of X GLOO tents have a light protection factor, or UPF (Ultraviolet Protection Factor), of > 50.



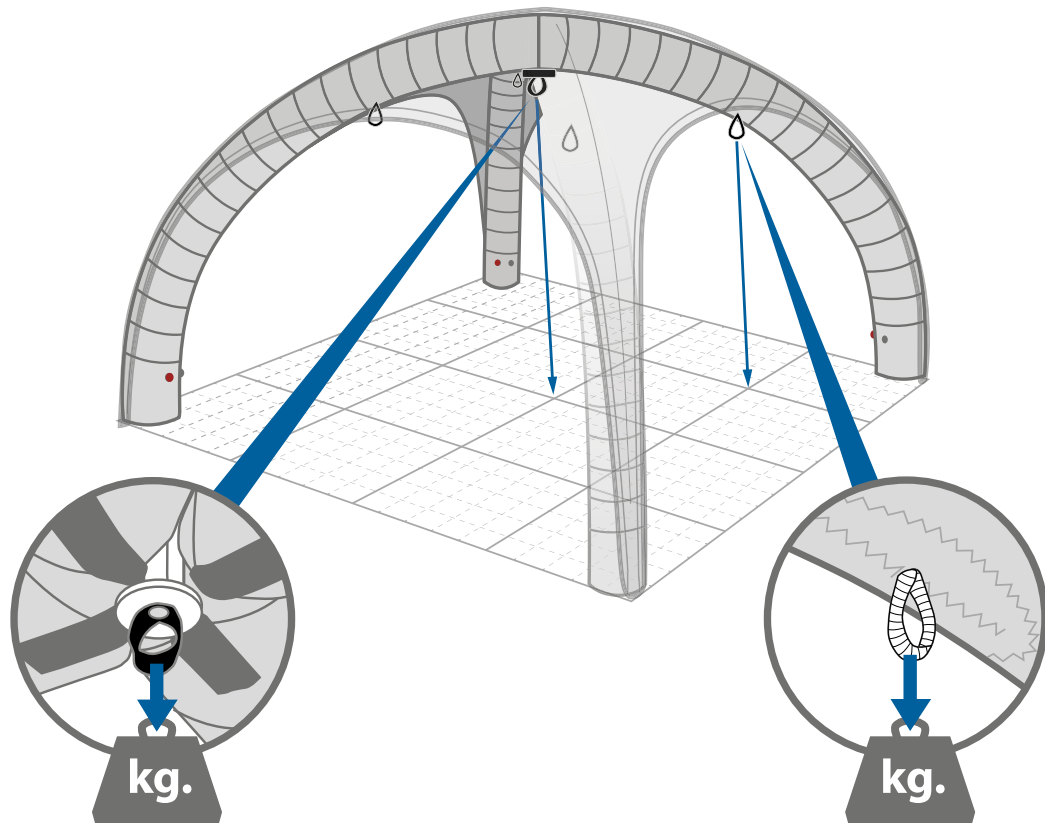
Thomas Allertseder
CEO

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83250 Marquartstein

+49 (0) 8641 6948-0
info@xgloo.com
www.xgloo.com

MAXIMUM WEIGHT CERTIFICATE

The loops on X GLOO tents have been designed to bear the hanging loads described below when the tents are properly set up and anchored.
 The user shall be held liable for any damage to property or injury to persons. Skywalk GmbH & Co. KG assumes no liability.



TUBE INTERSECTION LOOP

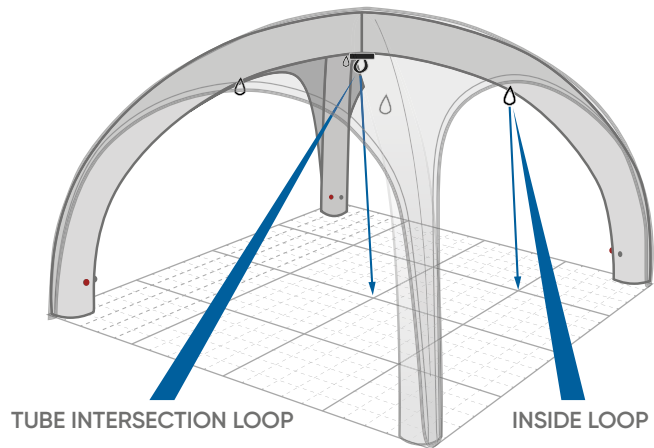
INSIDE LOOP

| Size | Maximum Weight per Inside Loop | Maximum Weight Tube Intersection Loop | Maximum Total Combined Weight |
|------|--------------------------------|---------------------------------------|-------------------------------|
| XC 3 | 5 kg (11 lbs) | 10 kg (22 lbs) | 30 kg (66 lbs) |
| XG 4 | 5 kg (11 lbs) | 15 kg (33 lbs) | 35 kg (77 lbs) |
| XG 5 | 5 kg (11 lbs) | 20 kg (44 lbs) | 40 kg (88 lbs) |
| XG 6 | 5 kg (11 lbs) | 20 kg (44 lbs) | 40 kg (88 lbs) |
| XG 8 | 5 kg (11 lbs) | 25 kg (55 lbs) | 45 kg (99 lbs) |

| | |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | X GLOO - SHAPING AIR X GLOO GmbH & Co. KG, Windeckstr. 4, 83250 Marquartstein, Germany |
| | Please Note: These recommendations are valid only in cases where the X GLOO tent is properly set up and anchored. Improper setup of the X GLOO tent can also result in damage to the tent and/or injury to people in the surrounding area. |
| Approval: <i>[Signature]</i> | Date: 01.01.2019 |

MAXIMUM WEIGHT

The loops on X GLOO tents have been designed to bear the hanging loads described below when the tents are properly set up and anchored. The user shall be held liable for any damage to property or injury to persons. X GLOO GmbH & Co. KG assumes no liability.



| Size | Maximum Weight per Inside Loop | Maximum Weight Tube Intersection Loop | Maximum Total Combined Weight |
|------|--------------------------------|---------------------------------------|-------------------------------|
| XC 3 | 5 kg (11 lbs) | 10 kg (22 lbs) | 30 kg (66 lbs) |
| XD 4 | 5 kg (11 lbs) | 15 kg (33 lbs) | 35 kg (77 lbs) |
| XD 5 | 5 kg (11 lbs) | 20 kg (44 lbs) | 40 kg (88 lbs) |
| XD 6 | 5 kg (11 lbs) | 20 kg (44 lbs) | 40 kg (88 lbs) |
| XD 7 | 5 kg (11 lbs) | 25 kg (55 lbs) | 45 kg (99 lbs) |

| | | |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| | X GLOO - SHAPING AIR | |
| | X GLOO GmbH & Co. KG, Windeckstr. 4, 83250 Marquartstein, Germany | |
| | <p>Please Note: These recommendations are valid only in cases where the X GLOO tent is properly set up and anchored. Improper setup of the X GLOO tent can also result in damage to the tent and/or injury to people in the surrounding area.</p> | |
| Approval: | <i>J. A. Naubert</i> | Date: 01.03.2019 |