AERISE®

Aerise® Aufblasbare Zelte

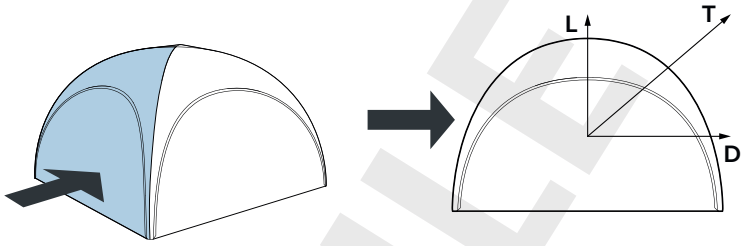
Zertifikate

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	5,4m² (58ft²)
4x4	8,5m² (91.5ft²)
5x5	13m² (13.99ft²)
6x6	19m² (204.5ft²)

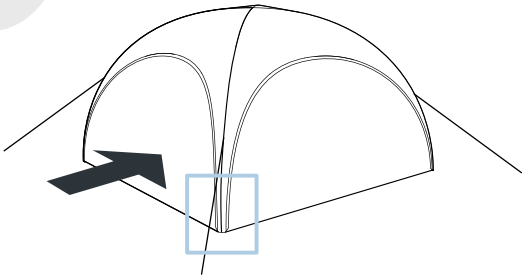


	Drag (D) [daN]			Lift (L) [daN]			Total Force (T) [daN]		
Size	**30 km/h wind speed (18.7 mph)**	**40 km/h wind speed (25 mph)**	**60 km/h wind speed (37.3 mph)**	**30 km/h wind speed (18.7 mph)**	**40 km/h wind speed (25 mph)**	**60 km/h wind speed (37.3 mph)**	**30 km/h wind speed (18.7 mph)**	**40 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.

	Weight Per Tube		
Size	**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)



	Weight Per Tube		
Size	**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	1x Ballast Barrel
5x5	1x Tube Ballast	2x Tube Ballasts	2x Ballast Barrels
6x6	2x Tube Ballasts	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: i. A. Vaulun

Date: 18.11.2018

Zertifikat | ECO PASSPORT by OEKO-TEX®

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 Novedratese 33
22060 Novedrate CO, ITALY

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

OEKO-TEX®
CONFIDENCE IN TEXTILES
ECO PASSPORT
17EP00002 CENTROCOT
Textile and leather chemicals. Tested and verified.
www.oeko-tex.com/ecopass

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 MRSL Conformance Level 1 is achieved for certified product(s) without restriction(s).

Busto Arsizio, 19.07.2019

Chiara Salmoiraghi
OEKO-TEX® Certification Scheme Manager
CENTROCOT

1 | 3

OEKO-TEX® Association | Genferstrasse 23 | P.O. Box 2006 | CH-8027 Zurich

1/1

ZINGERLE GROUP AG
Pustertaler Straße 2
I-39040 Natz-Schabs

www.zingerle.group