



TIGUAR AERIAL SILK

MANUAL GUIDE

Always check the product and all accessories carefully before use. Include your comments together with the date of inspection in a logbook (a logbook is not included in the manual). If you notice any abrasion, chipping or tear in the equipment, contact the manufacturer immediately and do not start exercising.

PURPOSE

The equipment you are holding in your hands has a specific purpose. It has been manufactured to provide opportunities for the development of circus skills at professional and amateur levels.

The equipment is used to train aerial acrobatics in fitness clubs, yoga and pole dance studios, homes, outdoors and anywhere else where the aerial silk may be suspended on a supporting structure in a safe and secure way.

The equipment is designed for mainly professional use for artists, professionals, instructors, competitors, participants of group classes. It may also be used at home by an adult or a child under supervision of an adult while observing the relevant safety rules. The equipment can be used according to the recommended rules during classes: acrobatic, strength, strengthening, cardio, relaxation, warm-up, breathing or for photo shoots.

WHAT IS NOT ALLOWED TO DO USING OUR EQUIPMENT?

The equipment cannot be used for purposes other than those intended, f.e.:

- no activities that directly endanger health and life may be undertaken;
- the equipment may not be used to carry loads;
- the equipment may not be used for extreme activities such as crash tests, bungee jumping (even if it meets the requirements);
- the equipment may not be used in construction or renovation activities;
- the equipment may not be used as a toy for children; children may use the equipment only under the supervision of an authorized person, parent or legal guardian.

AERIAL SILK LIFETIME

The equipment can be used for 3 years or 300 training hours (do not exceed the specified use period). Aerial silk material should only be hung from a designated device such as a carabiner. These devices protect the silk from abrasion and tearing.

Remember not to use the product while wearing jewelry or clothing with sharp accessories such as rhinestones, zippers, Velcro, etc.; be careful not to damage the material with your fingernails.

Be sure to keep a log of use and especially mark the date of first use.

date	condition of the product

↑ Log of use – example table

AERIAL SILK LENGTH

Keep in mind that the appropriate length of the aerial silk is calculated from the formula: $2 \times \text{room height} + \text{min. } 2 \times 0,5 \text{ m (max. } 2 \times 2 \text{ m)} = \text{ideal length of your silk.}$

TECHNICAL SPECIFICATIONS

- material: 100% polyester;
- width: 1500 mm (+/- 75 mm);
- maximum service life: 3 years or 300 hours;
- material manufactured in Poland;
- BLL (breaking load limit): min. 12 kN;
- BLL tested according to PN-EN ISO 13934-1:2013-07: min. 16kN;
- WLL (working load limit): 100 kg;
- SF (safety factor): 12:1.

QUALITY STANDARDS

Each production batch is subjected to strength tests according to the standard: PN-EN ISO 13934-1:2013-07, with a result of 550-800 N for a width of 5 cm of material. This means that the strength of the entire width of 150 cm : 5 cm = 30 is respectively:

min. $550 \text{ N} \times 30 = 16,5 \text{ kN} = 1680 \text{ kg}$

max. $800 \text{ N} \times 30 = 24 \text{ kN} = 2440 \text{ kg}$

In addition, aerial silks are tested with an actual way of suspension, the result of such a test is min. 12kN, approx. 1200 kg.

SUSPENSION ACCESSORIES

Anchor point — it is recommended that the attachment/suspension point be made by a qualified person such as a climber/construction worker with appropriate qualifications.

Carabiner — for suspending the equipment, use certified carabiners with a strength of min. 20 kN. The carabiner nut should be pointed downwards to prevent it from self-loosening and getting detached by gravity. The carabiner screw lock must always be in the locked position during exercises. It is not allowed to load the carabiner in other positions than vertical.

Figure 8 — aerial silks should be mounted using a certified figure 8 with a minimum strength of 20 kN.

Cover for accessories — it is recommended to use the accessory cover included; when using the silk, metal parts rub against each other and because of that dust may form; using the cover keeps the dust out and makes the aerial silk safer to use. The cover for accessories cannot be used on or applied to the swivel.

Swivel — a device preventing twisting of the suspension elements should be used during exercises. It is recommended to hang the swivel following the instruction manual attached to it.

FLOTATION EQUIPMENT

Crash mat / gymnastic mat — do not perform aerobatics on an aerial silk without a mattress of sufficient hardness and height of min. 5% of the distance from the floor to the figure 8 (i.e. minimum mattress thickness for an aerial silk suspended at 2 meters is 10 cm).

INSTALLATION

The installation must be carried out by a qualified person, i.e. a mountaineer or a construction worker with appropriate qualifications. The manufacturer of the equipment may provide advice, which is for information purposes only.

WHERE IS IT NOT POSSIBLE TO SUSPEND THE EQUIPMENT?

- on unstable structures with inadequate lifting capacity;
- on gazebos, trees, wooden beams of unknown strength;
- on basketball hoops, ladders, balconies;
- on untested façade elements;
- on bridges or historical sites;
- in all places where permission for suspension is mandatory and it was denied;
- in locations/structures that are not of adequate strength.

Always choose the type of mounting appropriate to the location where the installation will be carried out, e.g. chemical/steel anchors for solid ceiling. The place where the installation is carried out should be away from elements that may be damaged or cause injury during the use of the equipment. It is recommended to provide a clear working area around the anchor point in the form of a circle with the center at the anchor point and the radius min. 2 m.

SUSPENSIONS

Suspension should be installed by a qualified person — a mountaineer or a construction worker with the appropriate qualifications. To suspend the aerial silk, use only devices intended for this purpose, with appropriate approvals.

ATTENTION! DO NOT USE CERTIFIED TOOLS AND / OR LOADING EQUIPMENT WITH LESS THAN 12 KN.

It is recommended to use suspension accessories with a minimum strength of 20 kN.

If in doubt please contact us, we will be happy to advise you and/or direct you to a qualified person who will carry out the appropriate installation.

STORAGE AND MAINTENANCE

Store in a dry room at room temperature, preferably on a handle, away from sharp and rough surfaces. Do not leave the equipment outdoors or store in adverse conditions. The material may be washed at 40°C, without rinse liquid, without accessories or clothing.

WARRANTY

The material has a 24-month warranty for individual customers and 12-month warranty for commercial use (both with proper use). The warranty does not include mechanical damage, cutting with scissors while unpacking the package, damage by elements of clothing or fingernails during exercise and other such damage.

Attention! It is mandatory to discontinue using the material if damaged!

SAFETY INFORMATION

Always check the condition of the equipment carefully before training, and pay special attention to damage, pulls, abrasions. The metal parts included in the set (figure 8, carabiner) rub against each other during use and will wear out. Dust from their coating may fall to the ground. The wear of metal parts should be observed. If worn to a depth of at least 1 mm, the element should be replaced. If in doubt, contact the manufacturer.

The aerial silk material may only be hung from a designated device, such as a figure 8. These devices protect the aerial silk from abrasion and tearing.

Remember not to use the product while wearing jewelry or clothing with sharp accessories such as rhinestones, zippers, Velcro, etc.; also be careful not to damage the material with your fingernails.

Remember that installation of the anchor point must be carried out by a qualified person.

ATTENTION! YOU NOTICE ANY ABRASIONS OR HOLES IN THE MATERIAL AND/OR ABRASIONS ON METAL PARTS DEEPER THAN 1 MM INTO THE MATERIAL – DO NOT USE THE EQUIPMENT.

MANUFACTURER

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MANUFACTURER'S RECOMMENDATIONS

- Aerial equipment should not be used without supervision and inspection.
- Proper skills are required to perform the exercises.
- Learning aerial exercises should be done in the presence of a qualified person, such as an aerial instructor; professional books and tutorials can be a good source of information, but will never replace a qualified aerial acrobatics instructor.
- Jewelry must be removed before practicing.
- The suspension must be installed by a qualified person, i.e. a mountaineer or a qualified construction worker.
- Exercise should be done in close-fitting clothing without any sharp parts.
- It is not allowed to use the product in a manner inconsistent with the manufacturer's recommendations, this equipment is intended only to practise aerial acrobatics.
- Gymnastic mat / round crash mat is an essential accessory during training; always practise using a mattress of the appropriate hardness and a height equal to min. 5% of the distance from the floor to the figure 8 and the diameter/length of the sides equal to the height of the exercising person.

IMPORTANT INFORMATION

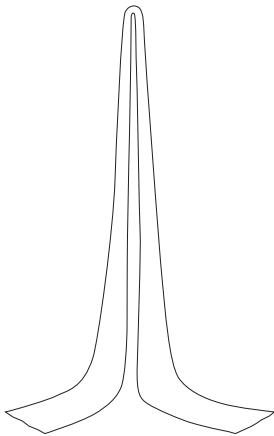
Aerial sports are high risk sports. Each product and its components that we offer passed numerous safety tests conducted by us and by independent testing units. We are responsible for safety of the equipment when used in a proper way. At the same time please note that we are not responsible for any injuries, accidents, random events resulting from improper and incompetent use of the equipment. We guarantee the safety of the equipment to the specified values, with its proper use.

We recommend that you exercise with caution and inspect the product before each use. Exercises are performed at your own risk, and using the equipment means you accept these conditions. The 12:1 safety factor adopted by the manufacturer covers dynamic use of the product.

In the case of excessive hand perspiration, it is recommended to use agents preventing slipping on the equipment, i.e. colophony, magnesium, etc.

PARTS INCLUDED

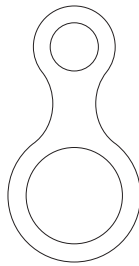
AERIAL SILK



COVER FOR ACCESSORIES

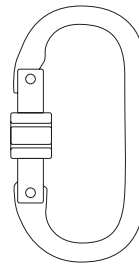


FIGURE 8



- material: aluminum alloy;
- coating: anodized;
- BLL: min. 25 kN;
- compliance with standard: EN 15151-2:2012 type 2

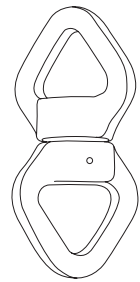
OVAL CARABINER



- material: steel;
- coating: chromium;
- BLL: min. 22 kN;
- compliance with standard: EN 362:2004

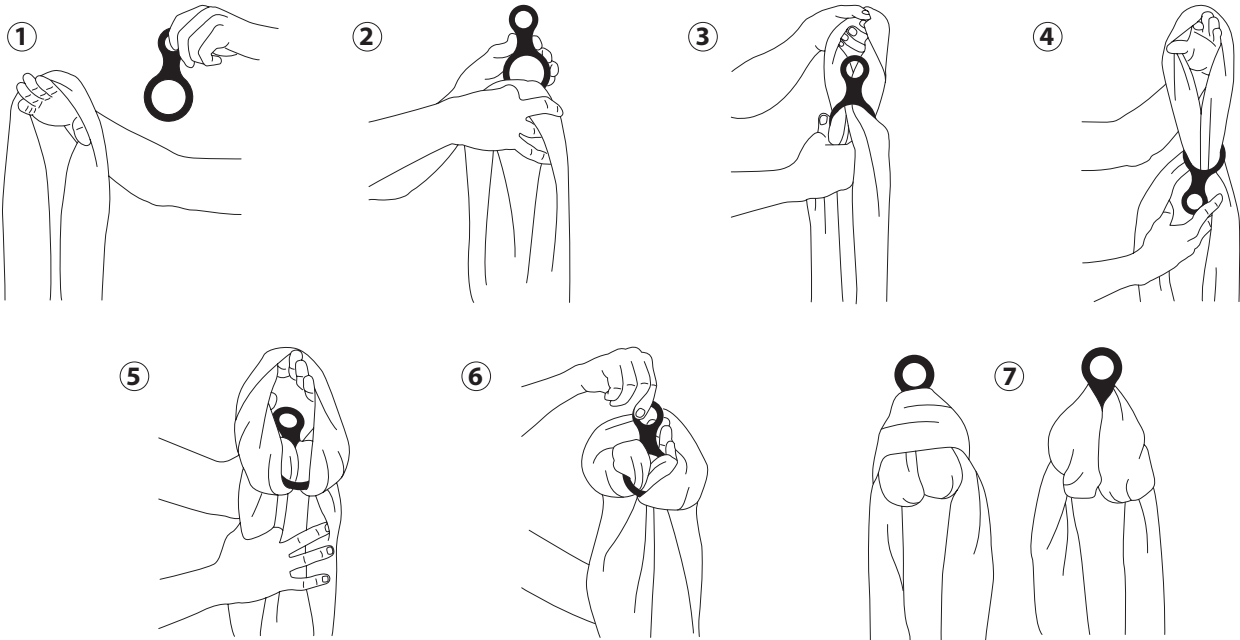
OPTIONAL ITEM

SOLD SEPARATELY

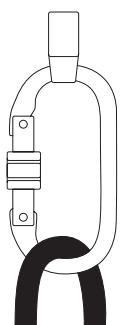


SWIVEL

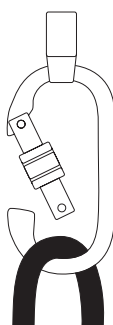
AERIAL SILKS RIGGING



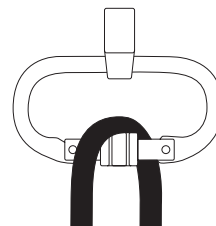
TYING AERIAL SILKS TO CARABINER



✓
correct
mounting



✗
incorrect
mounting



✗
incorrect
mounting