

TRIX CIRCUS PRODUCT INFORMATION SHEET

AERIAL SILKS

HAMMOCKS AND SILKY RING ROPES



	Silks/Fabric/ Dichromatic**	Kids Aerial Silk**	Hammock (single & Silky Ring Rope)	Hammock (double strand)
MBS	1,800kg	1,200kg	1,800kg	3,500kg
Dynamic WLL*	950kg	475kg	950kg	1,500kg
User Load Limit	150kg	75kg	150kg	250kg

*User loads must take into account dynamic forces applied and not exceed the dynamic WLL.

**MBS/WLL/ULL units reflect double strand usage of tricot fabric.

THERE IS NO WARRANTY ON AERIAL FABRIC: TRICOT IS STRONG BUT EASILY DAMAGED AND HAS A LOW MELTING POINT.

Aerial circus art is inherently dangerous. There is a risk of injury or death that cannot be eliminated.

Trix Circus has been operating in Australia for over 20 years with a proven track record. Our products are made to the most stringent safety standards.

Intended Use:

Aerial fabrics can be dangerous if used recklessly or without experience. Accidents happen, therefore it is important that you never train alone.

- Always take care when spinning, playing, training, rigging or walking near your apparatus. Ensure that everyone present remains aware of the aerial hazards in the space.
- Always ensure that there is a certified protective crash mat underneath you at all times.
- Always work with a professional coach to ensure ongoing safety.
- Always employ a professional rigger to install your equipment.
- Never use under the influence of alcohol or narcotics.
- The silky ring rope is designed for tableless aerial hoops. If you use it with a tabbed hoop, expect a shorter lifespan of the connecting sling/fabric.

• **Dichromatic Silks** are designed for a minimum of **two strand** usage.

Rigging:

Aerial equipment is dangerous when rigged incorrectly.

- A suitable anchor and/or structure must be installed to use the aerial fabric. This can only be assessed by a qualified rigger and/or a certified engineer.
- Do not rig within 1.5m to any stationary object, including walls and poles.
- Minors should never be responsible for rigging any apparatus and should only use Trix Circus equipment under adult supervision.

Lifetime:

Up to five years of use for aerial fabrics.

This will vary on use and storage conditions. Single use lifetimes are possible in extreme circumstances.

Repairs or Modifications to Equipment:

Repairs or modifications are only allowed by the manufacturer or those authorized in writing by the manufacturer.

Trix Circus does not recommend repairing or sewing holes in the fabric unless prior authorization is given.

Principal Materials: 40 denier tricot, nylon, steel, aluminium.

Maximum drop lengths: Aerial silks up to 25m; Hammocks up to 6m. Colours may vary in availability.

Hammocks & silky ropes: tricot fabric is whipped onto delta maillon rapides.

All aerial fabric is batch tested by an independent third-party Australian facility before being shipped to customers.

Maintenance and Storage:

- **Resin fabric** well before first use and regularly throughout its lifetime. Grip spray lightly as well.
- Store your aerial fabrics in a breathable container at room temperature.
- Keep your aerial fabrics indoors between use and away from any surfaces that are likely to become wet, hot or cold.
- Wash your fabrics with mild soap flakes (eg. LUX) on a gentle cold cycle. Hang dry out of direct sunlight. Remove hardware before washing.
- You may gently machine wash the whipped section of your equipment **up to 7 times** before needing re-whipping (fees apply).
- When removing and remounting hardware, use electrical tape over the thread of the maillon to keep the fabric free from damage.
- Use hockey tape as a keeper on the maillon to keep the fabric from side loading.
- Take care when opening maillons to avoid pinching and tearing the fabric in the screwgate.
- **Do not** machine dry, dry clean, expose to extreme heat, chemicals, direct sunlight or printing.
- **Do not** wear jewellery, zippers or bras with hooks while using the fabrics.
- **Do not** wear nylon clothing. Contact between the two materials will accelerate heat production and create burns and holes in the fabric.
- **Do not** make knots in the fabric. It will weaken the material above and below the knot.
- **Do not** pull wraps or belay loops out with speed. This will heat and melt the fabric.
- **Avoid** slack drops as they produce speed and heat.

Documentation:

Model:	
Serial Number:	TRIX-
Date of First Use:	
User/Owner:	

• Trix Circus is not responsible for any direct, indirect or accidental consequences, injuries, damages or deaths resulting from the use of our products and equipment.

• This user guide does not tell you everything you need to know. Consult with a qualified rigger.

• Use of Trix Circus equipment is only permitted if you understand and assume all risks and responsibilities for any damage, injury or death that may result.

• Everyone using this equipment must be given this guide and thoroughly understand the information included in it.

• You must have a rescue plan in place and the means to implement it.

• Do not use around electrical hazards, moving machinery, near sharp edges or abrasive surfaces.

• The use of resin, chalk and other adhesive grip technologies is highly recommended.

Inspection:

Inspection is required before every use.

- Regularly inspect your fabric for any burns, tears, holes or verticle runs throughout the entirety of the material. If any are found, immediately cease use and contact the manufacturer.
- Whipped products: photographically record the whipping at the top of your apparatus. Perform regular inspections to ensure whipping maintains its placement on the fabric and is secure.
- Regularly check the maillons are sufficiently tightened and located in the correct position. The vibrations of aerial work may work the screw mechanism lose. For long term rigging situations, tighten with a spanner.
- Minor fading in colour may occur when used outside - this may effect the integrity of the fabric. If excessive discolouration/fabric defects are found, please discontinue use and discard.
- Silky ring rope - the connecting fabric between the silky ring rope and the hoop is a friction point. The fabric needs to be thoroughly inspected before each use. Discontinue use immediately if there are holes, tears or burns in the fabric.

Compatibility:

Aerial fabrics can be dangerous if used not correctly in association with other materials.

• Make sure your equipment is compatible with all other components of your system. Incompatible connections may result in equipment failure, injury or death.

Retirement:

Retire from service and destroy if the gear:

- is suspected of having been overloaded.
- shows 10% or more damage or deformation to any metal connectors (maillons/figure 8s).
- has fraying, tears or whipping slippage (visual/audible).
- has been misused, altered, damaged, exposed to harmful chemicals, etc.
- Silky ring rope - retire if there are any signs of wear on the connecting fabric.

Retire if you have any doubt about its safety.

CAUTION: USE AT OWN RISK
AERIAL CIRCUS IS INHERENTLY DANGEROUS
USE UNDER CORRECT SUPERVISION WITH CORRECT INSTALLATION PROCEDURE
REGULARLY REFERENCE OUR WEBSITE AND READ THE LATEST USER INSTRUCTIONS
INSPECT BEFORE EVERY USE

www.TrixCircus.com • Info@TrixCircus.com • 0466 158 820

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TRIX CIRCUS PRODUCT INFORMATION SHEET **GENERAL CONDITIONS AND WAIVER - EQUIPMENT PURCHASE**



1. Thank you for using products of Trix Circus Pty Ltd ACN 098 101 547 of 7 Mayes Place, Ormeau Qld 4208 (Us or TC) (Products). We want You to enjoy our Products in good health.
2. TC manufactures circus apparatus and related Products. You should consider some obvious and inherent risks in activities associated with our products (Activities).
3. You, by your Activities, accept the inherent risks of which a prudent person is or should be aware. You should consider this participation an exercise in good judgment and act in a responsible manner.
4. For everyone's safety, you must read and comply with these General Conditions and Waiver at all times, pay careful attention to Trix Circus' Product Information Sheets and carry out your own safety checks before Activities.
5. Activities involve significant exertion, stress and heights. You must be physically and mentally fit, having no medical conditions which could put You, Us or others at risk. Not all our products are suitable for pregnant women, those with heart problems, high blood pressure or back problems for example. You should inform Us and seek medical advice if uncertain.
6. Restrictions (including weight) apply to activities as for workplace health and safety (WHS) reasons. Please report any WHS issues to Us immediately.
7. You must wear suitable clothing and accessories and be aware that Your property may be damaged or dirtied when using Our Products.
8. The venue hosting the Activities must provide You appropriate Personal Protective Equipment (PPE). Please use the PPE according to directions and treat it carefully so it works best for You.
9. Coaches, parents, guardians and carers are responsible for persons under their supervision, such as children.
10. Activities should vary subject to adverse weather conditions, maintenance activity or other operational reasons.
11. No glassware, sharp objects, food, beverages, alcohol or drugs may be associated with Activities except for tap water in a drink bottle.
12. You are responsible for your own property.
13. You must act carefully both for Yourself and others, and refrain from behaviour which could affect your safety, the safety of others, the safety of the Activities.
14. You must not infringe our intellectual property rights including copyright, designs, systems and patents.
15. You agree to the use of Your image and likeness for Our promotion and related purposes without compensation in relation to Products.
16. We take all reasonable steps to provide you with safe and enjoyable Products. However, You and all Users use Our Products at your own risk. You and all Users indemnify us and We are not liable for any person in respect of the loss of life or personal injury to, any person, whether that loss, damage or personal injury is by any person's (including Our) misfeasance and/or non-feasance.
17. We may add special conditions to these terms at our discretion in writing, verbally or by our conduct. This would usually be for WHS or other reasons. You are welcome to offer us special conditions in writing for signed acceptance from Our director.
18. By using and our purchasing Our Products you agree to these terms. If this is not acceptable, We will happily accept return of our Products and refund the purchaser of our products all payments, immediately and in full.

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INSPECTION LOG



Model:	Serial Number:	Date of First Use:	Owner:
	TRIX-		

Date:	Condition:	Inspector:

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