

Manual

Slackline Webbing

The following manual is to be used in combination with the illustrations in each

Only the techniques that are not crossed out or shown with a skull and cross-hones should be used. All techniques shown with the above illustrations are expressly forbidden and may result in severe injury or death.

Please regularly check for updates and new information on this product at our website: www.balancecommunity.com. Please do not hesitate to reach out with any questions or concerns.

Thank you for your purchase! We hope you enjoy your new Slackline Webbing! We appreciate your trust and interest in Balance Community's products and do hope you

Please take the time to go through this manual to familiarize yourself with this webbing. There are a number of nuances and specific use-cases that are important to know about before trusting your life to this webbing.

If you ever have any questions about your product and/or how to use it, please feel free to reach out to us at the contact information on the last page of this manual.



1. Specifications

1a. Strength Specifications

	MBS	WLL	85	MBS	MBS
Webbing		(25 = 3)	Sewn Loop **	AWLG	MightyLock
Axiom	40.0 kN	13.3 kN	40.0 kN	NA*	29.3 kN
Blue	25.0 kN	8.3 kN	25.0 kN	24.3 kN	20.5 kN
Feather PRO	26.0 kN	8.7 kN	25.5 kN	24.0 kN	21.0 kN
Green	29.0 kN	9.7 kN	29.1 kN	28.7 kN	26.1 kN
Green 20	30.0 kN	10.0 kN	27.5 kN	25.8 kN	25.4 kN
Jelly PRO	25.0 kN	8.3 kN	21.3 kN	24.7 kN	21.7 kN
Mantra MK4	40.0 kN	13.3 kN	35.0 kN	35.0 kN	28.0 kN
Paradigm	22.0 kN	7.3 kN	20.2 kN	22.9 kN	22.1 kN
Paradigm Signature	21.0 kN	7.0 kN	17.5 kN	19.0 kN	17.5 kN
Pharaoh	27.0 kN	9.0 kN	22.3 kN	24.5 kN	21.4 kN
Secondaire	25.0 kN	8.3 kN	22.0 kN	24.2 kN	22.0 kN
Silk 99	40.0 kN	13.3 kN	35.0 kN	NA*	NA*
Spider Silk MK5	40.0 kN	13.3 kN	38.0 kN	39.0 kN	35.0 kN

* HMPE-Based webbings are not suitable to be used with webbing anchors and grips Axiom and Silk 99 are both HMPE-based and as such, should not be used with webbing anchors or grips

** For sewn loops, the lowest value of 5 break tests is shared here. We do not provide a standard 3-sigma value for our sewn loops as there are many variables in the sewing

1a. Other Specifications

Webbing	Width	Thickness	Weight	Material	Structure	Mfg.	ISA Class
Axiom	20.0 mm	2.90 mm	33 g/m	HMPE	Flat	CN	A+
Blue**	25.0 mm	2.46 mm	55 g/m	PES	Flat	FR	NA
Feather PRO	25.4 mm	2.46 mm	51 g/m	PES	Flat	US	В
Green	25.4 mm	2.46 mm	53 g/m	PA	Flat	US	В
Green 20	20.0 mm	3.38 mm	53 g/m	PA	Flat	US	A
Jelly PRO	26.0 mm	2.80 mm	55 g/m	PES	Tubular	FR	В
Mantra MK4	25.4 mm	3.50 mm	76 g/m	PES	Flat	US	A+
Paradigm	25.4 mm	2.30 mm	44 g/m	PA	Tubular	US	С
Paradigm Signature**	25.4 mm	2.10 mm	40 g/m	PA	Tubular	US	NA
Pharaoh	20.0 mm	2.50 mm	49 g/m	PES	Flat	US	В
Secondaire**	20.0 mm	2.50 mm	44 g/m	PES	Flat	US	NA
Silk 99	19.0 mm	1.45 mm	19 g/m	HMPE	Flat	US	A+
Spider Silk MK5	20.0 mm	2.78 mm	40 g/m	LCP	Flat	US	A+

** These webbings are not strong enough to meet the minimum standards for ISA Certification.

2. Nomenclature



1: Webbing. Available in any length from 1 meter to 1,000+ meters.

2: Sewn Loop - End 1 - Sleeved. A protective sleeve is added to the webbing prior to sewing. This option is preferred for any end where contact with hardware is likely.

3: Sewn Loop - End 2 - Naked. No sleeve is added to the webbing prior to sewing. This option is for those that are hyper-concerned with weight and bulk within webbing-to-

4: Stitching. The stitching for the sewn loop(s). The pattern depends heavily on the webbing type. For more information on the sewn loop for the specific webbing you have, check our website shown on the last page of this manual.

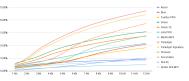
5: Label. This label provides specific information about the webbing (see below for more info). If the webbing has at least 1 sleeved sewn loop, it will be added to that end of the line. If both ends are naked, the label is added to one of the loops

3. Sewn Loop Tag Nomenclature



4. Stretch

Axiom	1.58%	2.26%	2.73%	3.10%	3.40%	3.63%	3.85%	4.02%	4.20%	4.35%	4.49%	4.621
Blue	1.08%	1.72%	2.26%	2.88%	3.61%	4.55%	5.73%	6.99%	8.06%	8.90%	9.77%	10.504
Feather PRO	0.97%	1.61%	2.11%	2.67%	3.33%	4.36%	5.63%	6.59%	7.30%	7.92%	0.56%	9.12
Green	2.95%	4.26%	5.77%	7.70%	9.26%	10.50%	11.61%	12.61%	13.43%	14.22%	14.89%	15.41
Green 20	2.15%	3.31%	4.69%	6.40%	7.88%	9.06%	10.10%	11.03%	11.86%	12.52%	13.15%	13.70
Jelly PRO	1.84%	2.88%	3.69%	4.50%	5.41%	6.36%	7.30%	8.15%	8.92%	9.60%	10.26%	10.88
Mantra MK4	0.26%	0.56%	0.92%	1.33%	1.78%	2.26%	2.75%	3.25%	3.73%	4.21%	4.67%	5.11
Paradigm	2.45%	4.96%	E.49%	11,24%	13.61%	15.71%	17.51%	19.02%	20.35%	21.50%	22.62%	23.59
Paradigm Signature	2.11%	4.25%	7.76%	10.36%	12.62%	14.59%	16.28%	17.74%	18.99%	20.14%	21.22%	22.13
Pharaoh	1.24%	1.97%	2.58%	3.24%	4.18%	6.02%	8.13%	9.71%	10.96%	11.96%	12.94%	13.87
Secondaire	1.69%	2.64%	3.50%	4.71%	6.00%	9.78%	11.96%	13.55%	14.96%	16.28%	17.52%	18.65
Silk 99	0.23%	0.69%	1.04%	1.29%	1.57%	1.73%	1.86%	2.07%	2.17%	2.24%	2.39%	2.53
Spider Silk MK5	0.37%	1.33%	1.83%	2.25%	2.64%	2.95%	3.24%	3.44%	3.63%	3.79%	4.06%	4.10



Note: the above stretch data is measured using our preferred stretch testing method, which is described in our "Webbing Stretch Testing Methods" article in Slack Science, which is available on our website on the last page of this manual.

New webbings were used in each of these stretch tests. Please note that humidity, moisture, age, usage, and exposure to the elements can change the stretch behavior o slackline webbings. The data above is to be used for informational purposes only and should not be taken as fact for how your webbing will stretch at any moment in time. We provide this data to give our customers a means to compare the stretch of all our

5. Guarantees and Warranties

Limited Warranty: for one year following purchase to the original buyer. We warrant that warranty are normal wear and tear, modifications and changes, as well as damage

A full recall is only applicable to new and unused products.



Warning

· Activities that involve the use of the Slackline Webbing are inherently dangerous and carry a significant risk of injury or death that cannot be eliminated

. It is the user's responsibility to obtain specific training and to use it safely. These

instructions DO NOT tell you everything you need to know · Do not use unless you can and will understand and assume all risks and

responsibilities for all damage/injury/death that may result from use of this equipmen or the activities undertaken with it.

· Any device is subject to failure: carefully check before and after each use

You must always have a backup: never trust a life to a single tool

· Everyone using this equipment must be given and thoroughly understand the

 You must have a rescue plan and the means to implement it. Inert suspension in a harness can quickly result in death!

Do not use around electrical hazards, moving machinery or near sharp edges or

· Balance Community, LLC is not responsible for any direct, indirect or accidental consequences or damage resulting from the use of our products

Neither the manufacturer nor the vendor can be held liable for direct or indirect

physical, property, consequential or collateral damage arising from the use of this device. Use this device at your own risk!

4

Adhere to the Working Load Limits (WLL)

Be aware that different configurations and uses of Slackline Webbing can nave different working load limits.

DO NOT EXCEED THE WLL ON SLACKLINE WEBBING

6. Intended Use

absorbing systems (such as dynamic anchoring materials, energy absorbers, etc...) and slack must be kept out of the system to prevent high impact falls. It is intended for by medically fit, specifically trained and experienced users. The device is only suited fo attaching oneself to a highline with a tether.

The user is responsible for the surveillance of the operating and working load.

Slackline webbing is meant for walking on and should only be used with energy

Please note: When combining this product with other components, the safety aspects of the Components may interfere with each other. It is up to the user to determine if the combination of components is safe, according each components design and



7. Storage, Transport, Care, and Lifespan

Avoid contact with heat, abrasive and sharp objects, corrosive substances or solvents. Wash with clean water and if necessary, add a small amount of neutral soap to remove persistent dirt or sand. If the Slackline Webbing is damp or wet, leave it out to dry in

Moisture, ice, salt, sand, snow, chemicals and other factors can prevent proper operation or can greatly accelerate wear.

Check all parts for deformation, corrosion, wear, etc. Verify that the individual fibers along the length of the Slackline Webbing are free from breaks, abrasions, and lacerations that could potentially reduce the strength and lifespan. Regularly inspect and monitor your system, confirming proper connections, equipment position, fully locked

Repairs or Modifications to any part of the Slackline Webbing are not permitted and only allowed by the manufacturer or those authorized in writing by the manufacturer

The lifespan of the Slackline Webbing greatly depends on the usage. In extreme cases, the Slackline Webbing can be retired after the first use. Monitor your device and pay close attention to how much use it has gotten.

Retire the Slackline Webbing from service and destroy it if it is significantly loaded beyond the WLL in any configuration, does not pass inspection or there is any doubt about its safety, is misused, altered, damaged, or exposed to harmful chemical. Consult the manufacturer if you have any doubts or concern

To transport and/or store your slackline webbing, put it in a secure bag either flaked or coiled nicely. Avoid packing hardware or sharp objects in the same bag as the webbing to prevent any accidental damage.

8. General Warnings

Avoid allowing your slackline webbing to touch any sharp edges on rocks, trees, edges, or anything else that may damage the webbing while it's rigged. A tight slackline webbing is particularly susceptible to being damaged by sharp edges/objects.



Be aware of high winds when your slackline rigged. Wind can cause excessive damage by itself, but also can cause your webbing to rub up against other sharp objects. Be sure you have a large amount of space around your line when rigged to allow for movement with high winds without interacting with other objects.



6

9. Webbing Anchoring



To anchor the Slackline Webbing, you must use a standard webbing locker, as defined by ISA:51 (weblock), or the provided sewn loops. If using the sewn loop, anchor it to the pir loop to a carabiner, or any other type of connector outside of ISA Approved

If you plan to use a standard webbing locker, follow the loading instructions for that specific webbing locker. Be sure to tie off the webbing after tensioning is complete, as defined in the webbing locker instruction manual.

Be Aware of your Webbings Material Type

ferent webbings perform differently in webbing lockers. Most notably, high tech bbings made with Dyneema or HMPE fibers have been known to slip well below the

Do not use webbing lockers with these types of webbings. The only reliable way to anchor these types of webbings is with the provided sewn loops, as describer

X DO NOT use a carabiner to anchor the sewn loop on your slackline webbing Only use approved shackles for this



or an approved webbing locker.

7





10. Webbing Usage Lifespan



3.) How hard it is used

2

Below is the ISA Recommended Maximum Lifetime (RMLT) chart to help determine the lifespan of your slackline webbing, assuming normal use.

Strength Class	Nylon*	Polyester*	НМРЕ	All Other
Type C	180 Days		Not certified as single webbings	
Туре В	360 Days	360 Days		
Type A	720 Days	Optical/Haptic		mendation
Type A+	720 Days	Inspection	No recomi	mendation

*with an average of 3000 J/m2 dose per day over the course of one year

Many equatorial and high altitude regions have much higher UV dosages than 3000 J/m2 average dose per day (averaged over the year). Also the dosages fluctuate massivel during seasons (summer - winter), this needs to be taken into account by the user.

These numbers represent the recommended lifetimes for normal use. In (festivals, competitions, etc.) or harsh environments (strong UV, high winds, sand, salt water, etc.) can drastically reduce the lifetime of highline webbing. It is strongly recommended that webbing owners document the number of days the webbing was used for, to have a good understanding of when to retire the webbing from highline use. "No recommendation" indicates that there is not enough data to provide a general recommendation - it is up to the manufacturer to suggest a lifetime, and the end user to determine a webbing's continued suitability.

11. Length Compatibility Chart for Highlines

The table below describes the recommended webbing material and type depending on the length of the highline. The lower the elongation of the mainline webbing, the longe the highline needs to be to avoid excessive force during dynamic events, such as leash

Webbing Material	20 - 30 m (> 2 kN)	30 - 40 m (> 2 kN)	40 - 200 m (> 1 kN)	200+ m (> 1 kN)
Nylon				
Polyester				
Ultra Low-Stretch				

12. Usage Log

3

Use the table below to log each usage of your slackline webbing to have a better idea for when to retire the piece, according to the chart in section 10.

	(Name & Address)		Batch Number	Purchase Date	Date of First Use
Date of Rig	Date of Derig	Descript	ion of Rig	Webbing State At Rig	Webbing State At Dorig

13. Legal Disclaimer

Balance Community, LLC is not liable for damage to the webbing or injury to yourself or other persons caused by the misuse of the Slackline Webbing - particularly wh warnings and suggestions are ignored. You confirm with your purchase of this Slackline Webbing that you have reviewed these warnings and suggestions and understand them completely. If you decide to sell your Slackline Webbing, please include this safety manual with the sale

Slacklining is an inherently dangerous activity that can lead to serious injury or death. The use of Slackline Webbing is at your own risk. You are responsible for obtaining information on the correct usage of the device. Every user assumes all risk and accepts full responsibility for any and all damage or injury that occurs from use of Slackline

This Slackline Webbing was designed exclusively for slackline and highline use, and may not be used for other purposes. Before every use, the webbing should always be thoroughly inspected for damage or excessive wear described under section 6. The webbing should be retired immediately if anything questionable is found.

If you, the user, are not in a position to take full responsibility for the consequences that may arise from the use of this webbing, do not use the Slackline Webbing.

Any person under the age of 18 must have adult supervision when using the Slackline

This manual is to serve as a basis of understanding for using the Slackline Webbing. It is not exhaustive. You are responsible for obtaining up-to-date information regarding the proper use of this product.

14. Manufacturer Contact

Balance Community, LLC Lyons, CO 80540

Website: www.balancecommunity.com

Email: info@balancecommunity.com

Phone: +1.818.527.5225

9

Please report any and all accidents or incidents to the International Slackline Association (ISA) through their Slackline Accident and Incident Report (SAIR)

form through the following links https://sair.slacklineinternational.org

Balance Community, LLC is an industry partner of the ISA. You can view more information about this association at their website here:

https://www.slacklineinternational.org