

Treecare

Harnesses, Ropes, Accessories, Solutions

Expertise from more than 225 years of experience



Teufelberger Group CEO:
Florian Teufelberger

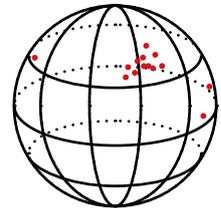


Family-owned for 7 generations



1500

employees



14

locations around the globe

What began back in 1790 with plain hemp ropes has since evolved into a globally successful group of enterprises specializing in the development and production of fiber and steel wire ropes as well as strapping.

We cooperate with our customers in the spirit of mutual respect and equality in order to develop tailor-made solutions for fiber ropes, steel wire ropes, and strapping. The continuity and stability of our family-owned group make us a reliable partner that will support you in tackling your day-to-day challenges.

Global network and market proximity

Our global network and our presence at 14 locations around the world, including manufacturing sites in Austria, Italy, Poland, Thailand, the Czech Republic, and the U.S., enable us to collaborate closely with our customers and address the specific requirements of the various markets.



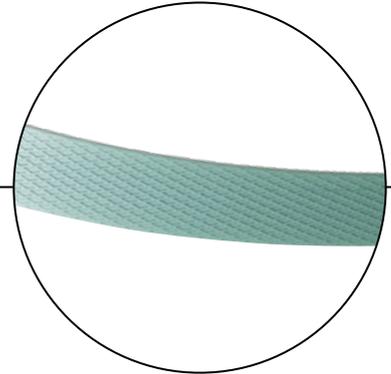
Fiber Rope

- Industrial Fiber Ropes
- Life Safety Ropes
- Paper Carrier
- Treecare
- Yachting Ropes



Wire Rope

- Cableway Ropes
- Crane & Industrial Ropes
- Mining Ropes
- Offshore Ropes
- S&S / Teci
- Tensostructures

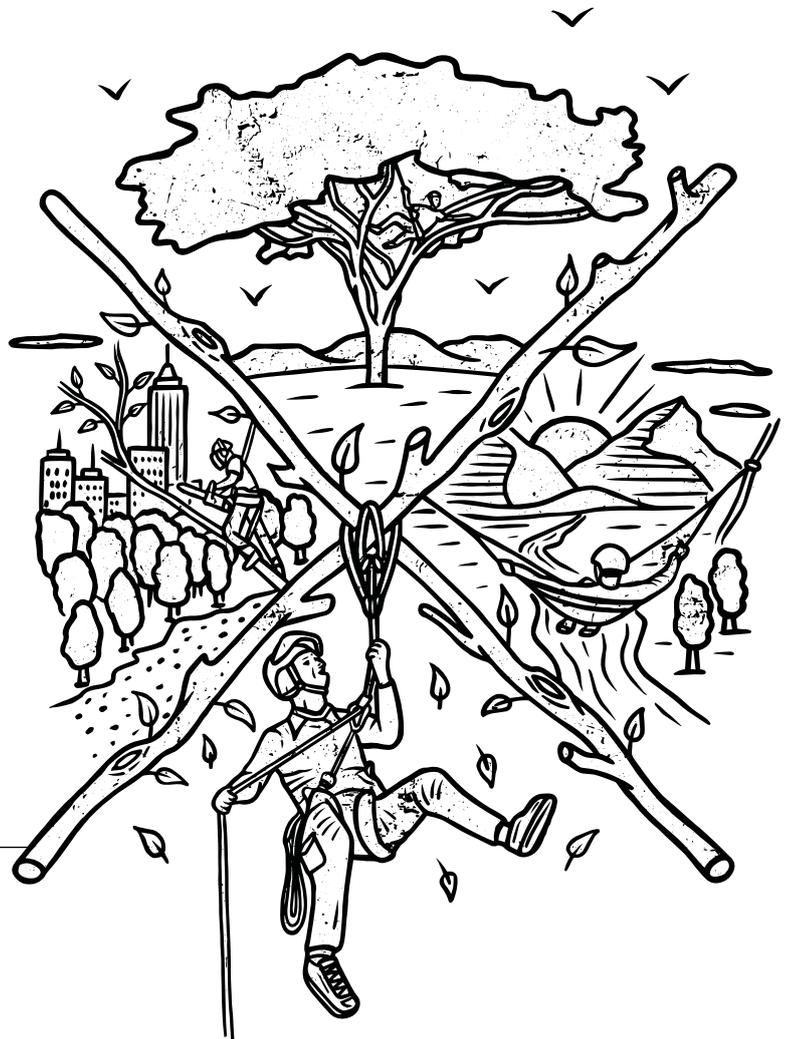


Strapping Solutions

- PET Strapping
- PP Strapping

Innovative products of outstanding quality

Our expertise in a wide range of technologies has generated numerous synergies between our various divisions, much to the benefit of our customers. By assigning five percent of our employees to research and development, we make sure that our customers keep benefitting from cutting-edge technologies. In addition to upholding social and environmental standards, we also pay close attention to delivering consistently high quality and make sure that all our products comply with our quality standards.



For many years, Teufelberger has specialized in professional ropes and products for Treecare. Beautiful and healthy trees are a hallmark for many public and private institutions. A sustainable and gentle treatment of nature is a prerequisite for preserving it, which calls for the appropriate equipment and tools.

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ENHANCEABLE

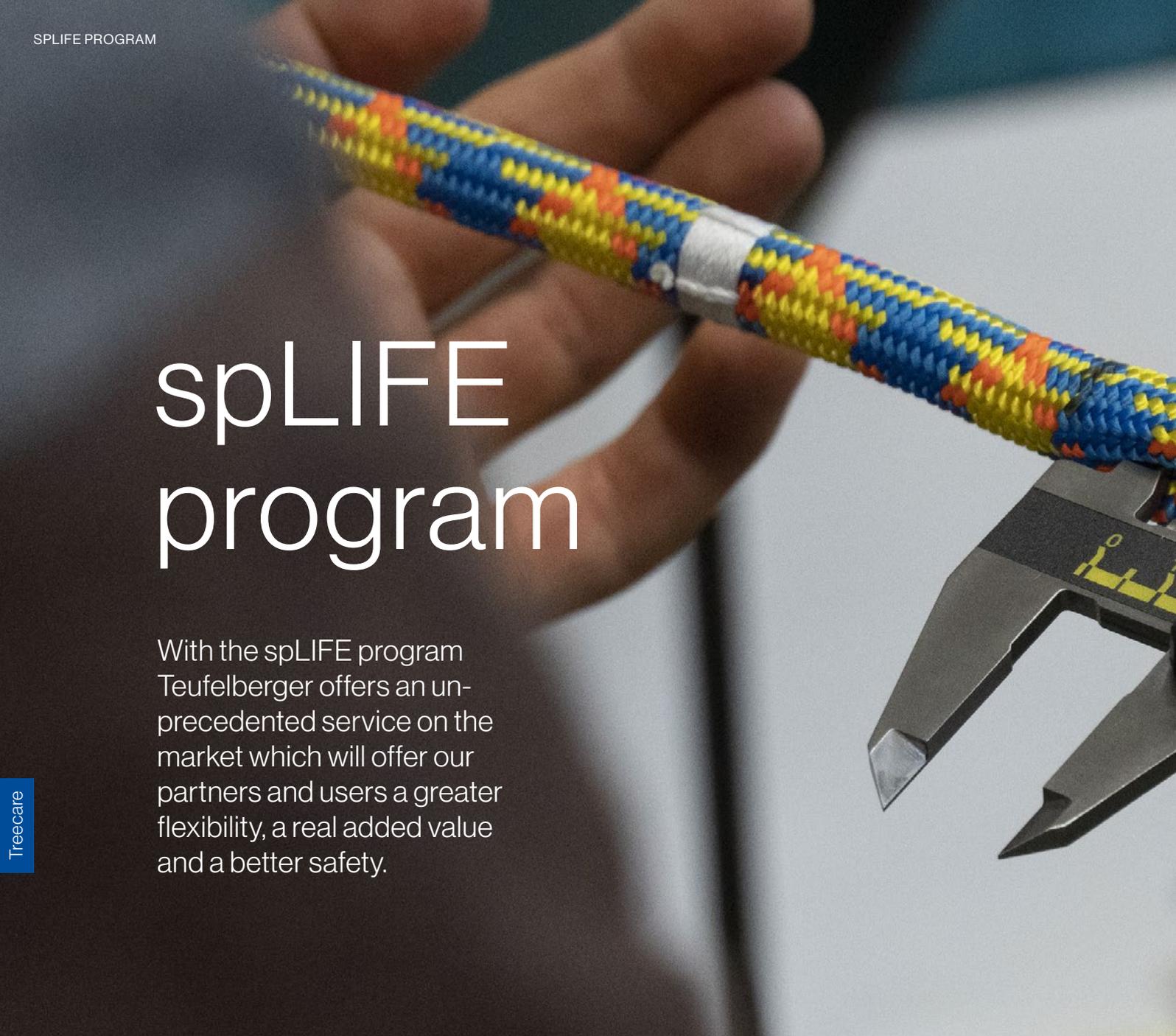
EXCHANGEABLE

For products marked with these labels, you can find replacement parts and enhancements in the chapter „Replacement parts / Enhancements“ from page 76 onwards.

 **Warning!**

The breaking loads: The value in daN (1 daN is about 1 kg) indicates the load at which the rope would break. The specified breaking loads are values determined in testing in our laboratory. In practical use, these values may deviate depending on the type of use. The breaking loads were determined for free lengths of rope and will be decreased by splices or knots. When selecting safety factors, national standards and the relevant requirements must be met. Using the products may involve hazards. Therefore, never use our products for any purposes other than those they are designed for. Do not use them for personal protection or lifting purposes as specified in PPE Regulation (EU) 2016/425, unless the products are clearly identified as suitable for such purposes under relevant standards. Customers must ensure that all users are familiar with their correct use and the necessary

safety precautions are carried out. Please keep in mind that any of the products may cause damage or harm if incorrectly used, stored or cleaned, or overloaded. The technical specifications are based on the units system used in the country of manufacture. Additional specifications were converted and rounded. Check national safety regulations, industry recommendations, and standards for locally applicable requirements (e.g. choice of safety factors). PLATINUM®, [slaice]®, Teufelberger® and 拖飞宝® are internationally registered trademarks of Teufelberger Group. Other internationally registered trademarks are: Technora® from Teijin, Nomex® from Dupont, Dyneema® from DSM, Vectran® from Hoechst Celanese, DMM from DMM International Ltd. and Cobra® from AustriAlpin. Subject to technical modifications, typesetting and printing errors.



spLIFE program

With the spLIFE program Teufelberger offers an unprecedented service on the market which will offer our partners and users a greater flexibility, a real added value and a better safety.

spLIFE is a vast program which brings together several topics, solutions and offers the following to our partners and end users:

- We will gradually stop making ropes using the Slaice® method as splices, and replace it with a new method called spLIFE.
- We will accredit splicers from all over the world, via the spLIFE accreditation program.
- We will in collaboration with TUV Austria certify some of these partners via the spLIFE partner program.
- We will organize workshops several times a year and all over the world for our access and rigging ropes via the spLIFE workshops program.
- We will regularly train and control accredited splicers via the spLIFE training program.
- We will release publically the splicing methods for our ropes via the spLIFE public program.



Why is Teufelberger launching the spLIFE program

We firmly believe that offering our partners to manufacture the terminations themselves has real added value. We also believe that this will offer greater flexibility to users who will be able to choose the length of their ropes and the number of terminations, and this more quickly and efficiently. Finally, the fact of accrediting, certifying, training and rigorously controlling our certified partners and accredited splicers will be a guarantee of quality and safety for the end users. Please get in touch with your market manager if you are interested by this program:

1. Get your splicer(s) spLIFE accredited by following a spLIFE training session (6 hours / 4 samples of Tachyon / 4 samples of drenaLINE)
2. Request the TUV certification (extension of the Teufelberger TUV certification / Module B2), and get the spLIFE partner status
3. Carry out 100% control and records. Send us samples for static and dynamic tests (first 6 month after certification, and then every 12 months)
4. Annual audit, send us records of 100% control
5. Re-training of your splicers (Every 2 years)

More infos and a list of certified partners can be found on the website. These partners have received from TUV Austria a certification according to the European Standard EN1891A, and are able to manufacture and sell spLIFE terminations on certain Teufelberger Rope.



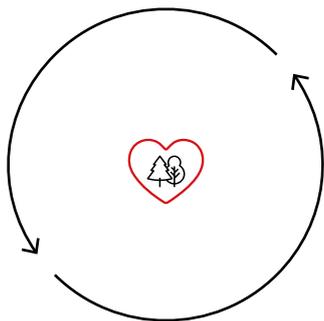
MORE INFO



“ At Teufelberger, we believe in those who follow their passion and realize their dreams. Our commitment reflects this dedication as we are driven by our own love for what we do! Teufelberger Ambassador Program unites established and upcoming arborists and reflects our eagerness to share knowledge and expertise globally.”

Teufelberger Ambassador Program

Passion for trees has no borders!



We believe in people who follow their passion and live their dreams, because we at Teufelberger have the same mindset. We love what we do and strive to support arborists worldwide. Besides our passion about designing the best products for the industry, we are also eager to share our knowledge and expertise with arborists globally.

For this reason, we brought the Teufelberger Ambassador program to life in 2019. This program started off with representatives from

small, emerging markets and will grow to an international team including climbers from the major tree care markets. The Ambassador team unites established and upcoming arborists who represent Teufelberger at tree climbing competitions, share their expertise with the community and spread their passion.

Together we can make a difference and pursue our future goal of making tree care easier and safer – because passion for trees has no borders.

What do we want to achieve?



Promote knowledge sharing in the community all over the world



Encourage and train safe use of equipment according to international standards



Share best practices and expert tips for daily use



Make people aware of tree care



Support newcomers in the industry



Spread passion for trees in the community and beyond



Promote a responsible treatment of nature



Build communities in emerging markets



Boost the interest for the arborist profession

“ The Ambassador program is our way to support arborists on their way. With our expertise and knowledge shared by our Ambassadors through trainings, pictures, videos and social media content, we take an important step to make tree care easier and safer.”

Patrick Johrendt, Business Unit Manager Vertical & Rigging

Treecare

Follow our journey

Find us on facebook, instagram, linkedIn or visit

www.teufelberger.com

#Teufelbergertreecare

#Teufelbergerambassador



Teufelberger Tree Care



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Teufelberger Fiber Rope



www.teufelberger.com



Tool Line

Our comprehensive Tool Line includes tools and certified systems suitable for many types of use, developed together with tree care specialists and our Ambassadors featuring best materials and high quality standards. Teufelberger's Tool Line offers more than just a product.

treeMOTION® Pro

Since 2007 Teufelberger has been constantly improving its treeMOTION® harnesses, many years of listening to tree climbers, partners, and ambassadors, always with the sole objective of making the ideal harness that suits all climbing styles and climber anatomies. We are therefore proud to manufacture in Europe the fourth generation of the original treeMOTION®s. The treeMOTION® Pro is our top climbing harness for all arborists.

The new treeMOTION Pro has now been perfectly customized for every climber due to its shape and adaptability. This gives the term "unisex" another, better definition in the climbing harness industry.

The 10-year lifespan and the ability to change up to 10 parts of your harness makes the treeMOTION® Pro the lowest TCO (Total Cost of Ownership) in the treecare industry.



Specifications

Standards: EN813:2008, EN358:2018, ANSI Z133-2017 for arboricultural operations, ASTM F887-20, CSA Z259.1-05, AS/NZS 1891.1:2020

The harness is now available in 3 different sizes:

- Small
- Medium
- Large

Features

- 10 years of life (since the date of manufacture)
- 3 sizes (Small, Medium, Large)
- Double adjustment waist buckle
- More adapted to every morphology
- Double bridges optional
- Openable side ring for easy replacements of hip/leg connections
- 4 Attachment points for suspender/chest
- New back and leg paddings
- Improved comfort
- Maximum customization

ENHANCEABLE

- Shoulder strap
- Second bridge
- Openable ring

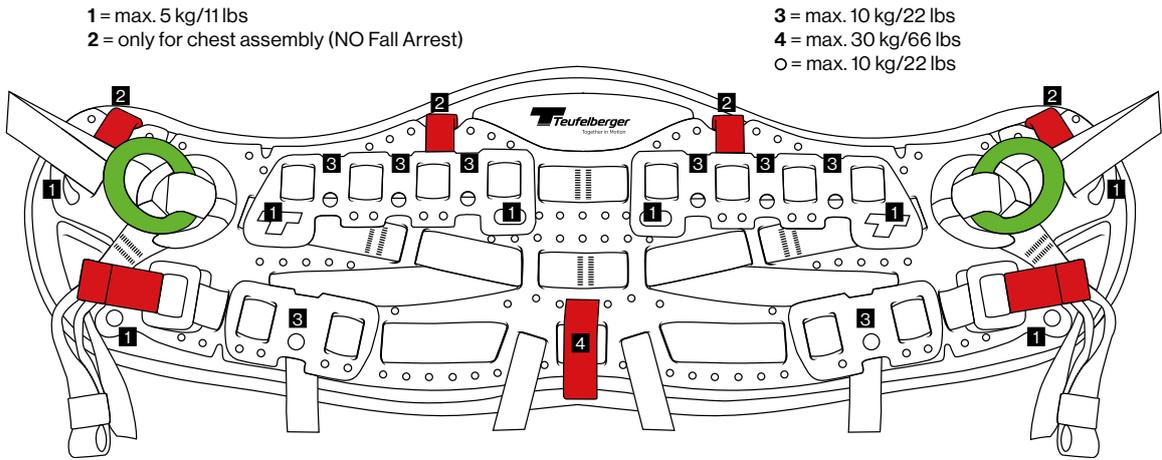
EXCHANGEABLE

- Bridges
- Lying openable ring
- Leg Loops
- Hip Leg Connection
- Elastic of leg loops
- Elastic cords for gear loops
- Chainsaw ring (back side)
- Back padding
- Leg paddings

Size	Hip circumference		Leg circumference		Weight		Rated load
	cm	inch	cm	inch	kg	lbs	
Small	69-86	27-33	38-57	15-22	2.30	5.08	150
Medium	80-105	31-41	42-72	17-28	2.56	5.64	150
Large	92-129	36-50	48-87	19-34	2.82	6.21	150

Treecare

Overview: waist belt – possible attachment points and permissible loads



treeMOTION® Pro Replacement Parts





“ I'm glad that Teufelberger continues to work on improving and refining their products.

I like the new treeMOTION for its new design, comfort, and new opening O-rings that allow you to easily replace worn out straps yourself. New models of treeMOTION Pro and Essential have widened waist belt and thigh straps, which improved the comfort of use during long time spent in the tree. An interesting solution is the four attachment loops of the chest harness which improves the position during climbing and keeps the harness in place. Another positive aspect is the extension of the use time from 5 to 10 years which additionally convinces you to buy the treeMOTION Pro and Essential. As a climber/user of the treeMOTION Pro/Essential harness I definitely recommend the new model.“

Marcin Anczakowski, Poland

treeMOTION® Essential

Since 2007 Teufelberger has been constantly improving its treeMOTION harnesses, many years of listening to tree climbers, partners, and ambassadors, always with the sole objective of making the ideal harness that suits all climbing styles and climber anatomies. We are therefore proud to manufacture in Europe the fourth generation of the original treeMOTIONS. The treeMOTION® Pro is our top climbing harness for all arborists.

The new treeMOTION Essential has now been perfectly customized for every climber due to its shape and adaptability. This gives the term "unisex" another, better definition in the climbing harness industry. The 10-year lifespan and the ability to change up to 10 parts of your harness makes the treeMOTION Essential the lowest TCO (Total Cost of Ownership) in the treecare industry.



The main difference between treeMOTION Essential and Pro are:

• Buckles

The treeMOTION Essential is equipped with sliding adjustable buckles for the beginning climber and the treeMOTION Pro with the Cobra quick release buckles for those with more experience

• Back and leg padding

The treeMOTION Essential is equipped with standard padding and the treeMOTION Pro with comfort padding. Both paddings are interchangeable.

• Gear brackets

The treeMOTION Essential is equipped with 2x3 gear brackets and the treeMOTION Pro with 2x3 gear brackets plus 2x1 gear brackets downside the harness

• Red elastic band to hold in place

The treeMOTION Essential is delivered without the red elastic and the treeMOTION Pro with the red elastic on waist and leg loop

• The thinner material and lighter adjustable buckles

make this harness extremely light.

Specifications

Standards: EN813:2008,
EN358:2018,
ANSI Z133-2017 for arboricultural operations,
ASTM F887-20,
CSA Z259.1-05,
AS/NZS 1891.1:2020

3 different sizes:

- Small
- Medium
- Large

Features

- 10 years of life (since the date of manufacture)
- 3 sizes (Small, Medium, Large)
- More adapted to every morphology
- Double bridges optional
- Openable side ring for easy replacements of hip/leg connections
- 4 Attachment points for suspender/ chest
- New back and leg paddings
- Improved comfort
- Maximum customization

ENHANCEABLE

- Shoulder strap
- Second bridge
- Openable ring

EXCHANGEABLE

- Bridges
- Lying openable ring
- Leg Loops
- Hip Leg Connection
- Elastic of leg loops
- Elastic cords for gear loops
- Chainsaw ring (back side)
- Back padding
- Leg paddings

Size	Hip circumference		Leg circumference		Weight		Rated load
	cm	inch	cm	inch	kg	lbs	
Small	69-86	27-33	38-57	15-22	2.03	4.47	150
Medium	80-105	31-41	42-72	17-28	2.25	4.96	150
Large	92-129	36-50	48-87	19-34	2.48	5.46	150

upMOTION SRT

Maximum freedom of movement

The upMOTION SRT is a versatile chest harness for maximum freedom of movement in the tree.

This chest harness is not only a device for accessing the tree, it is much more. With its ability to change between a totally spec'd out chest harness with all the bells and whistles you could ever ask for and a down to the minimum version it has all the versatility you want.

upMOTION SRT comes in two sizes, detachable paddings, climbing harness and Hydro Pack attachment options, and much more. Try it out today.

Features:

- 2 sizes M-L / L-XL
- Colored magnetic buckles for easy on and off
- Removeable padding
- Comes in a reusable bag
- Lots of daisy chains on the front
- Lightweight design
- 2 harness attachment webbings on the back + optional harness attachment on the front (not load sharing)
- Optional Hydro Pack with magnetic drinking tube holder

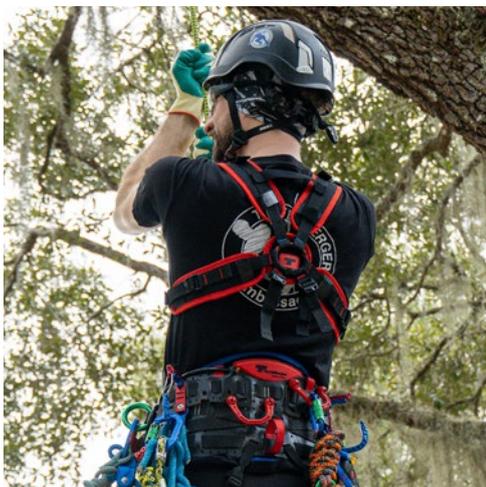


EXCHANGEABLE

- Paddings
- Optional Hydro Pack

Size	Weight		Color
	g	lbs	
S/M	442	0,97	black/red
L/XL	455	1	black/red

Magnets: Attention! These products contain magnets! Magnets can influence the function of pacemakers and implanted defibrillators. A magnetic impulse could set the pacemaker into a different mode. A defibrillator may no longer function. As a wearer of such devices, ensure sufficient distance. Warn wearers of such devices if necessary.





The ideal hydration solution for arborists

1.5l

DRINKING TUBE
including magnetic clip



Hydro Pack

Stay hydrated in the tree

Meet the Teufelberger Hydro Pack – the ideal 1.5l hydration solution for arborists. Attach it seamlessly to the upMOTION SRT harness, stay refreshed at all times.

Features:

- 1.5 liter replaceable bladder
- Customizable drinking tube
- Magnetic drinking tube holder
- Insulated bag for the bladder
- Bag with attachment hooks for the chest harness
- Storage pouches on the bag
- Lightweight design



EXCHANGEABLE

- 1.5 liter bladder with drinking tube including magnetic clip

hipSTAR Glide

hipSTAR Flex becomes hipSTAR Glide

hipSTAR Glide is a multifunctional and certified lanyard replacing hipSTAR Flex. The lanyard is intended as a system for work positioning. It comes in 11,5- and 12,9-mm diameters and a wide range of lengths. hipSTAR Glide also includes an 8 mm Sirius polyester cord with a prusikLOOP thimble provides an extra mounting point, further expanding its functionality. Additionally, all parts are replaceable and made by Teufelberger.

Specifications:

Standards 1 Person load:

EN 358:2018

EN 795B:2012

ANSI Z133-2017

AS 1891.5:2020

(only 12.9 mm version)

Standards 2 Person load:

AS/NZS 5532:2013

CEN/TS 16415:2017

(only 12.9 mm version)

Diameter: 11,5mm, 12,9mm

Lengths: 3m, 4m, 5m, 7m, 10m

Maximum User weight:

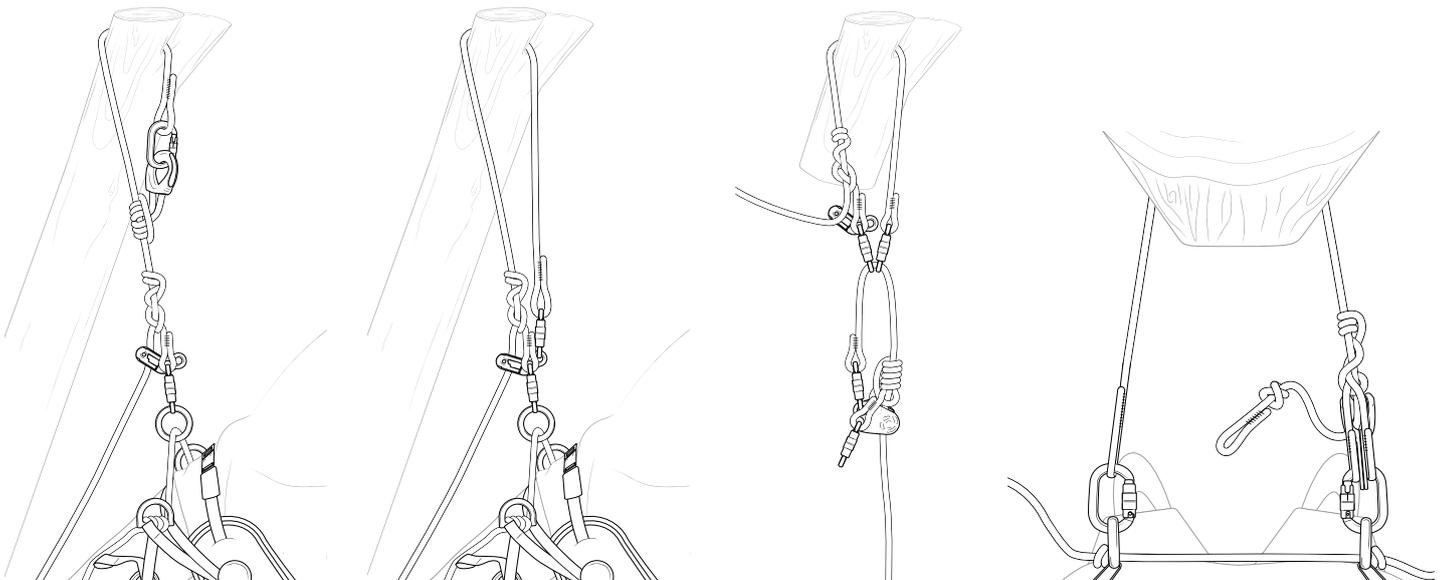
150 kg / 330 lbs including tools, gears and other equipment



EXCHANGEABLE

- karaT carabiner
- glideHITCH pulley
- Ocean Polyester e2e (new lengths available: 60, 65 and 70cm!)
- hipSTAR Glide e2e rope
- prusikLOOP thimble

Possible types of use:



Short and
versatile lanyard



miniGLIDE

The miniGLIDE is designed to be an additional, shorter and lighter lanyard as the hipSTAR Glide. It enables the use as an adjustable anchor device, as an adjustable redirect and of course as an adjustable workpositioning lanyard.

Specifications:

Standards 1 Person load:

EN 358:2018

EN 795B:2012 (double strand only)

Standards 2 Person load

AS/NZS 5532:2013

CEN/TS 16415:2017

Diameter: 10,5mm

Lengths: 1,5m, 2m, 2,5m

Maximum User weight:

150 kg / 330 lbs including tools,
gears and other equipment



EXCHANGEABLE

- karaT carabiner
- glideHITCH pulley
- Ocean Polyester e2e
(new lengths available:
60, 65 and 70cm!)
- miniGLIDE e2e rope



LIGHTWEIGHT
EFFICIENCY

glideHITCH

The glideHITCH is Teufelberger's certified pulley for tree care applications. It can be used with ropes with a diameter up to 13 mm. Designed with our Ambassador Tanguy Bonniord, the compact design and two angled holes make it perfect for lanyard configurations, and so much more.

Specifications:

Standards: EN 12278:2007
UIAA 130

MBS: 35 kN

WLL: 7 kN

Maximum

Rope Diameter: 13 mm

Color: blue / green



Max. rope Ø		Min. breaking strength		Max. Work load limit	
mm	inch	daN	lbf	daN	lbf
13	1/2	3500	7868	700	1574



THE UNIQUELY
DESIGNED CARABINER
FOR EVERY SITUATION

karaT

Whether as a work or leisure companion, the karaT offers maximum freedom in climbing system, lanyard and many other applications. Crafted to be smaller in size than standard carabiners, yet maintaining a standard width, it results in a lightweight carabiner that doesn't compromise on functionality. Plus, it's unique matrix design makes it stand out. Additionally, all parts are replaceable and made by Teufelberger.

Specifications:

Standards:	EN362:2009/B
Length:	95 mm
Width:	63 mm
Weight:	72 g
Color:	Blue body, green sleeve
Breaking Load:	25/10/7 kN
Locking:	Triple-action locking system
Material:	Aluminum

Features:

- Short and versatile
- Brings your equipment closer to your body
- Lightweight and strong through Matrix design



Dimensions		Weight		Min. breaking strength			Gate Opening	
mm	inch	g	oz	major Axis (kN)	Minor Axis (kN)	Gate Open (kN)	mm	inch
95x63	3.75 x 2.5	72	2.5	25	10	7	19	0.75

canopyANCHOR

The canopyANCHOR is used as a multi-purpose sling for various applications in the tree and a part of our multiTOOL range. It is available with a bulletproof thimble or with a light aluminium ring. multiTOOL. It's one piece of equipment that can be an anchor point, cambium saver, redirect and so much more.

Specifications:

Standards 1 person load:

EN 795B:2012

ANSI Z133-2017

Standards 2 person load:

CEN/TS 16415:2017

AS/NZS 5532:2013

- Length:** 120 cm
- Variants:** 2 – ring & thimble
- User Weight:** 150 kg / 330 lbs including tools, gears and other equipment
- Max. user:** 2
- Color:** white, grey/black



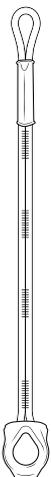
Size	Diameter Ø		MBS, straight pull	
	mm	inch	daN	lbf
Thimble	8	5/16	2450	5500
Ring	10	3/8	2450	5500

Treecare

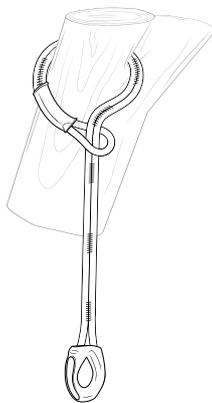
Applications:

MT canopyANCHOR ring MT canopyANCHOR thimble and MT chainANCHOR

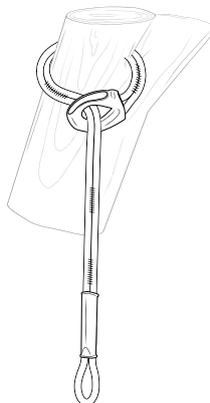
Straight pull



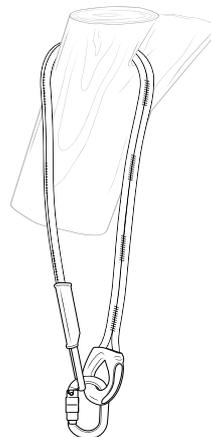
Ring choked via loop



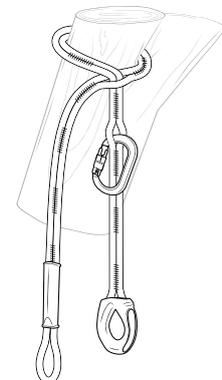
Loop choked via thimble/ring



Double sling



Choked via the intermediate seam and engaged into the intermediate seam



chainANCHOR

The chainANCHOR is a universally applicable base anchor that can also be used as a cambium saver for moving rope systems and stationary systems. It is part of our multiTOOL range and approved for 2 person load. The intermediate stitchings together with the strong and reliable thimble on the one and the life support eye on the other end make this a game changer in your everyday work.

Specifications:

Standards 1 person load:

EN 795B:2012

ANSI Z133-2017

Standards 2 person load:

CEN/TS 16415:2017

AS/NZS 5532:2013

Length: 300 cm, 600 cm

User weight: 150 kg

Max. user: 2

Color: blue, grey/black



Diameter Ø		MBS, straight pull	
mm	inch	daN	lbf
8	5/16	2450	5500



prusikLOOP fimble

Combining the advantages of the classic Sirius Accessory Cord with the longevity of a steel thimble, prusikLOOP fimble is a versatile tool. This practical accessory offers various application options, for example with the canopyANCHOR you can create a cambium saver.

Specifications:

Standards 1 person load:

EN 795B:2012

ANSI Z133-2017

Standards 2 person load:

CEN/TS 16415:2017

AS/NZS 5532:2013

Maximum User Weight:

150 kg / 330 lbs including tools, gears and other equipment

Maximum User: 2

Length: 34 cm

Diameter: 8 mm

Color: yellow, grey/black



Ø	MBS, straight pull			
	mm	inch	daN	lbf
8	5/16	2450	5500	



pullDOWN

The pullDOWN is designed to help retrieving equipment such as friction savers in tree care. Constructed with a durable 5mm polyester rope and featuring an openable, stainless steel shackle, the pullDOWN offers practicality and ease of use.

Specifications:

- Standards:** Not PPE
- Diameter:** 5 mm
- Length:** 40 cm
- Color:** red



ringLOOP

The ringLOOP, certified to EN 795B, serves a multitude of purposes within treecare. It functions seamlessly as a part for the multiTOOL and boasts and ease of knotting due to its meticulously engineered design.

Specifications:

- | | |
|---------------------------------|---|
| Standards 1 person load: | Maximum User Weight: |
| EN 795B:2012 | 150 kg / 330 lbs including tools, gears and other equipment |
| ANSI Z133-2017 | |
| Standards 2 person load: | Maximum User: 2 |
| CEN/TS 16415:2017 | Diameter: 8 mm |
| AS/NZS 5532:2013 | Length: 34 cm |
| | Ring Diameter: 26, 34 mm |
| | Color: pink, grey/black |



Treecare

Ring Size Ø	Ø		MBS, straight pull	
	mm	inch	daN	lbf
26	8	5/16	2450	5500
34	8	5/16	2450	5500

ringSLING

The ringSLING functions seamlessly as both an anchor sling and a hitch cord, adaptable for single-leg or choked configurations. Additionally, when paired with a carabiner, our ringSLING effectively serves as a reliable cambium saver. It is also a part of the multiTOOL.



Ring Size	Diameter Ø		Length		MBS, straight pull	
	mm	inch	cm	inch	daN	lbf
26	10	3/8	100	39.4	2450	5500
26	10	3/10	130	51.2	2450	5500
34	10	3/8	100	39.4	2450	5500
34	10	3/8	130	51.2	2450	5500



multiTOOL kits:

multiTOOL kit fimble & ring

The multiTOOL kits are a set of tools that enable you to configure a huge range of applications. From ground and top anchor points to cambium savers and redirects, the multiTOOL kits provide all-in-one functionality for your daily work, delivering maxiFREEDOM in the trees.

Designed in cooperation with Derrick Martin this set of tools not only ensures you maximum freedom in the trees, boasting a remarkable 10-year lifespan for every spare part. Additionally, the certification

for two users sets it apart from comparable tools in the market, offering enhanced safety and versatility for arborists. But how is the versatility possible? The unique composition of tools paired with your skills and creativity allows you to configure anchor points, redirects, cambium savers and so much more. Further, all parts of the multiTOOL range are tested and certified with each other and can be replaced.

Specifications:

Standards 1 person load:

EN 795B:2012

ANSI Z133-2017

Standards 2 person load:

CEN/TS 16415:2017

AS/NZS 5532:2013

Features:

10 years lifespan for every product

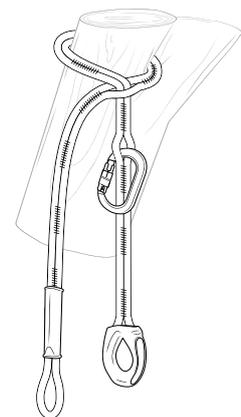
User Weight: 150 kg / 330 lbs
including tools, gears
and other equipment

Max. User: 2

- All tools tested and certified with each-other
- All tools can be replaced
- Every tool, except for pullDOWN, is certified as life support
- pullDOWN is no PPE!

Unique color coding: every product has a different color + everything green is life support, everything red is not

Applications examples:



multiTOOL kit ring



multiTOOL kit fimble



Included in the kits:

Nr.		multiTOOL kit	
		ring	fimble
1	chainANCHOR 600 cm fimble	✓	✓
2	canopyANCHOR 120 cm fimble	-	✓
3	canopyANCHOR 120 cm ring	✓	-
4	ringSLING 130 cm	✓	✓
5	ringLOOP 26 mm	✓	-
6	ringLOOP 34 mm	✓	✓
7	prusikLOOP fimble	-	✓
8	pullDOWN - non PPE	✓	✓
9	equaLIZA	✓	✓
10	Sirius Loop 10mm Pinto pulley	✓	✓

Cambium Savers:

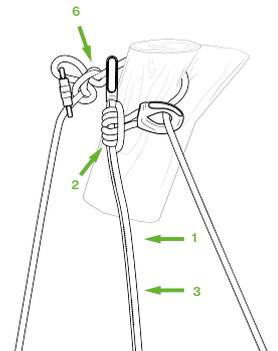
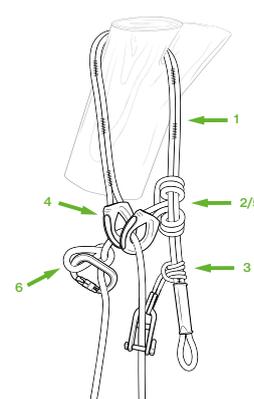
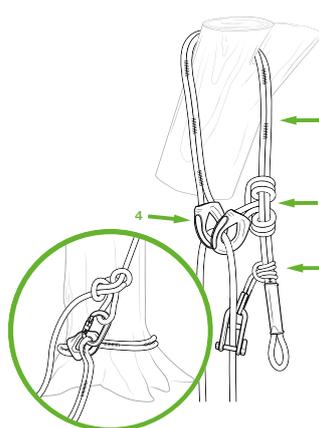
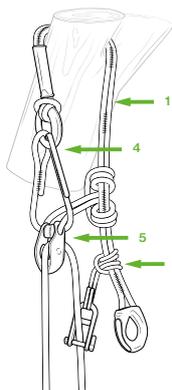
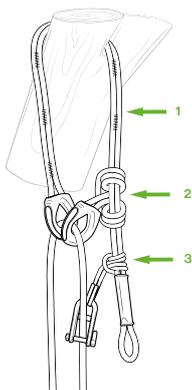
Cambium saver for moving rope systems

Pulley cambium saver for moving rope systems

Cambium saver for single rope with anchor point on tree trunk

Cambium saver for single rope, knotted

Cambium saver for single rope as choke sling





The fimblSAVER and the fimblCLIMB have been game changers in how I set my anchors and climb SRT because of their versatility. Firstly, both devices are simple to set up from the ground with your throwline. Secondly, to be able to set a single line canopy anchor with a knot block and multiple natural redirects, which is still easily retrievable from the ground, has been a timesaver which doesn't compromise on safety, especially when compared with working around a base anchor line.

” The fimblSAVER & the fimblCLIMB – game changers with no compromise on safety.“

Chris Maatta, Australia

fimblSAVER

The fimblSAVER is part of Teufelberger's product portfolio for cambium savers. The two stainless steel thimbles [fimbl] of the fimblSAVER ensure that the climbing rope will move smoothly during work in the canopy. The friction values are only slightly higher than those encountered with the pulleySAVER. The 10cm long tapered longitudinal seam makes retrieving this cambium saver simple. Since the fimblSAVER is easy to install from the ground, it closes the gap between the multiSAVER and the pulleySAVER.

Specifications

Length: 1.25m, 2m
Standard: EN 795B, ANSI Z133, AS/NZS 5532

Ø		Min. breaking strength	
mm	inch	daN	lbf
15	19/32	4,000	8,990



EXCHANGEABLE

- Ocean Polyester Loop T
- Retrieval Cone L

fimblCLIMB

The fimblCLIMB consists of a polyester rope inside a polyester cover. Weighing a mere 311g (1.25m) and 426g (2.25m), respectively, it is the lightweight of the fimbl family. And yet, it amazes with a breaking load of 30kN. The more compact 6mm steel thimbles facilitate retrieval from the ground and help ensure the product's usual long service life. Unlike the fimblSAVER, the fimblCLIMB features the 7mm Ocean Dyneema® Loop T as a readjustable friction hitch. The fimblCLIMB is indispensable for all those who would like to climb safely and efficiently. It should not be missing from any harness.

Specifications

Length: 1.25m, 2.25m
Standard: EN 795B, ANSI Z133, AS/NZS 5532

Ø		Min. breaking strength	
mm	inch	daN	lbf
12	1/2	2,800	6,290



EXCHANGEABLE

- Ocean Dyneema® Loop T
- Retrieval Cone S

pulleySAVER

The Teufelberger pulleySAVER is a cambium saver with a pulley supplied by DMM. Thanks to its various configurations, it is the ideal tool for tree care operations. The climbing rope moves on the PINTO pulley with ease. The resilient eye which facilitates the retrieval of the pulleySAVER will return to its original position even after thousands of cycles. The pulleySAVER comes with Teufelberger's patented [slaiçe][®]. Attachment as an anchor point on a tree is possible in six different configurations, depending on the intended type of use: as a swinging element in a double leg configuration, as a choke sling, wrapped in a double leg configuration, constricted in a double leg configuration, in a double leg configuration using the Prusik Loop with thimble, and as an equalizing anchor in combination with the equaLIZA. For the pulleySAVER, both the Ocean Dyneema[®] Loop and the Sirius Loop are available as separate replacement parts.



Specifications

Length: 1.25m, 2.50m, 4m
Standard: EN 795B,
 ANSI Z133,
 AS/NZS 5532

Features

- Small, lightweight Pinto for easier uninstallment from the ground
- Large Pinto pulley is available as a replacement part
- Sirius Loop for longer service life
- DMM retrieval cone: optimized in technology and appearance
- Additional type of use through OD Loop 7mm with thimble and equaLIZA

ENHANCEABLE

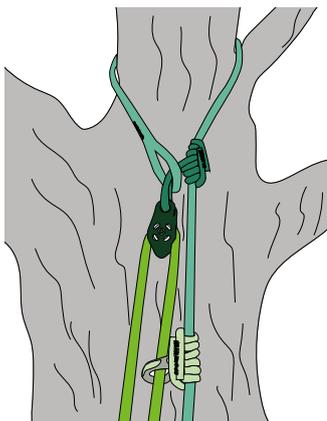
- equaLIZA
- Sirius 10mm Pinto Rig Loop
- Retrieval Cone L

EXCHANGEABLE

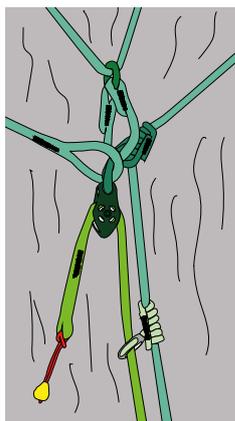
- Sirius 10mm Pinto Loop
- Ocean Dyneema[®] Loop T
- Retrieval Cone S

Ø	Min. breaking strength		
	mm	inch	daN
12	1/2	2,410	5,415

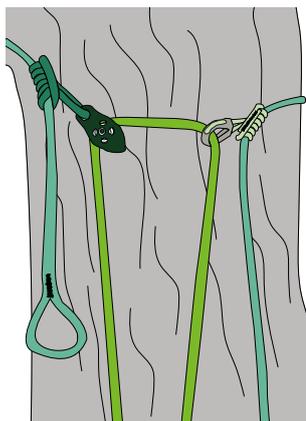
Possible types of use



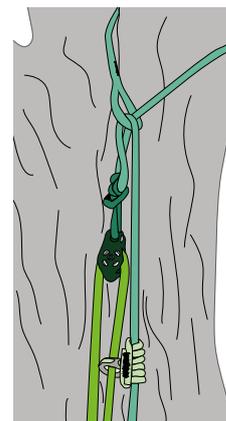
pulleySAVER standard



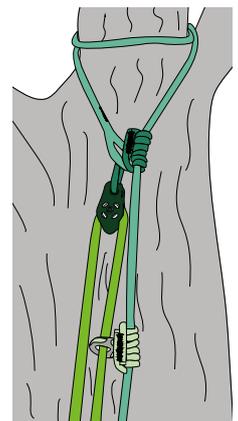
pulleySAVER used together with the equaLIZA



pulleySAVER basal anchor used with the OD Loop Thimble



pulleySAVER choked



pulleySAVER wrapped



“ The pulleySAVER is my choice when using moving rope systems. The pulley makes ascending effortless and my movement quick and efficient. The equaLIZA is a clever addition to make my top anchor point stronger and more reliable.”

Josephine Hedger, UK



equalIZA

The equalIZA is an accessory for our pulleySAVER. It is to be used as an additional equalizing link if the pulleySAVER anchor is made using two anchorage points.

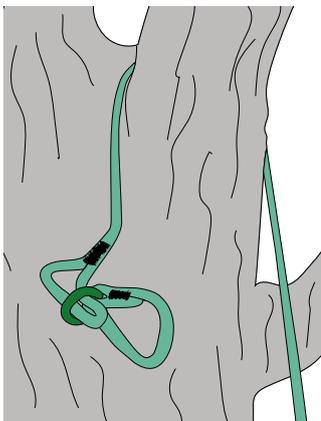
Specifications

Standard: EN 795B, ANSI Z133

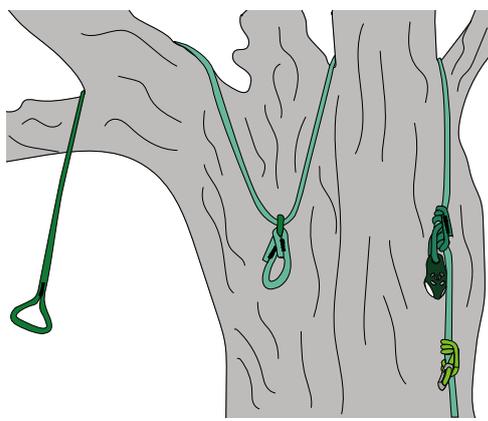
Ø		Min. breaking strength	
mm	inch	daN	lbf
12	1/2	2,450	5,505



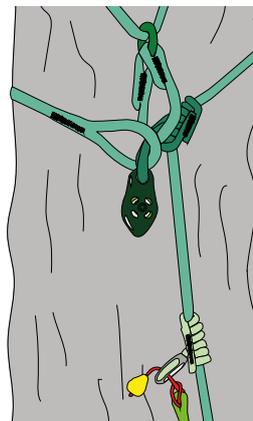
Possible types of use



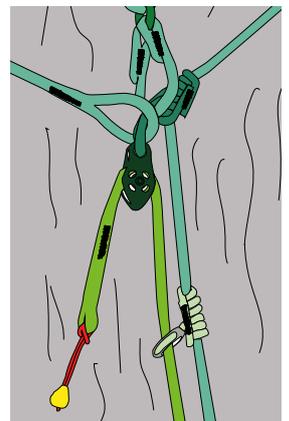
equalIZA step 1



equalIZA step 2



equalIZA step 3



equalIZA step 4

multiSAVER

Made of polyester, this often proven cambium saver stands out with its well thought-out design. All components such as integrated rings, Prusik rope adjuster, and retrieval cone are perfectly compatible with one another. Another of its benefits is that multiSAVER is length adjustable via the integrated prusik, ensuring functionality and great ease of use.

Specifications

Length: 0.7m, 2m, 2.50m
Standard: EN 795B, ANSI Z133, AS/NZS 5532

Features

- multiSAVER 0.7m is delivered without ringLOOP
- multiSAVER 2.0 and 2.5 are delivered with ringLOOP big ring



ENHANCEABLE

- ringLOOP
- Retrieval Cone L

Ø		Min. breaking strength	
mm	inch	daN	lbf
12	½	2,500	5,620



multiANCHOR

Teufelberger multiANCHOR is a tool, designed for use in various anchoring scenarios. Thus, multiANCHOR can be used as basal anchor, on the one hand, while it constitutes an excellent addition to conventional cambium savers, on the other. When installed as a basal anchor, multiANCHOR's main benefit is that it enables a ground-based and lowerable ascent system. Therefore, if a rescue becomes necessary, the injured or incapacitated person can be lowered by a rescuer standing on the ground.

An anchor construction installed up in the tree can be configured in two possible ways:

- a. As a Y anchor on 2 limbs, the anchor point centers itself via the ring and the load is distributed across 2 limbs in the event of a potentially unreliable anchor point.
- b. As a Y anchor with 2 redundantly secured anchor points. This configuration provides the safety of a second anchor point in the event that a limb breaks.

For putting together the above systems, the following extra items are needed:

- **Basal anchor:** Sirius Loop
- **Compensating anchor:** ringLOOP 26
- **Redundant anchor:** 2 x ringLOOP 34, 1 x ringLOOP 26

Specifications

Length: 4m, 6m
Standard: EN 795B, ANSI Z133



ENHANCEABLE

ringLoop

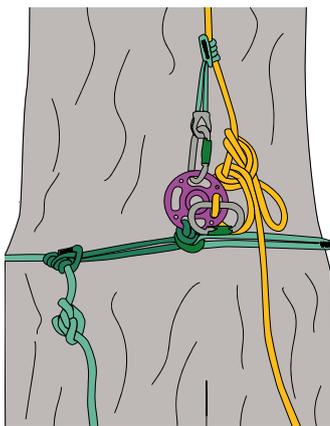
EXCHANGEABLE

Retrieval Cone L

Ø		Min. breaking strength	
mm	inch	daN	lbf
12	1/2	4,400	9,890

Treecare

Possible types of use



multiANCHOR used as basal anchor



multiANCHOR used as double anchor

CEclimb ^{[spLIFE]®}

CEclimb is the world's first completely certified climbing system (ascent assisting and work positioning system) consisting of a climbing rope and a friction hitch system. CEclimb combines the well-known Tachyon arborist ropes with the innovative Teufelberger [spLIFE]® rope end termination. For the hitch cord, the durable Ocean Polyester is used and combined with the oval carabiner and the Hitch Climber pulley from DMM to make up the proven Hitch Climber system. The individual elements for the CEclimb system are also available as replacement parts. This way, climbers can retrofit brand-new individual components for the CEclimb system whenever necessary.

Features

- CEclimb 11/35 = Tachyon 11.5mm / 35m (also available in 45 and 60m)
- CEclimb 12/35 (also available in 45 and 60m)
- Hitch cord = Ocean Polyester e2e
- Hitch effectiveness has been tested according to EN 567 and EN 12841.
- In the CEclimb system, the individual original parts can be exchanged, as all of them have been certified separately. The CEclimb system has been tested to provide a minimum static breaking strength of 2,300daN and a minimum dynamic loading capacity equal to the force generated when arresting a 2.5m fall by a 100kg test mass.

Specifications

Length:	35m, 45m, 60m
Standard:	PPE Regulation (EU) 2016/425, ANSI Z133



EXCHANGEABLE

↓ Ocean Polyester e2e

Ø		Min. breaking strength		Weight	
mm	inch	daN	lbf	kg/pc	lbs/pc
11.5	7/16	2,300	5,170	5.5	12.0



flipLINE

The flipLINEs from Teufelberger are lanyards provided with a steel wire core. Available in 12.5 mm diameter, our flipLINEs feature a Hi-Vee® cover tightly braided over a steel wire core. The diameter and construction of the flipLINE allow using this rope product in combination with most types of ascenders and mechanic adjusters. The flipLINEs from Teufelberger are certified to EN and ANSI and are available in different lengths and versions.

Specifications

Lengths: e2e: 1.9 m, 2.5 m, 3.1 m, 3.7 m, 4.3 m, 4.9 m
 e2e + swivel: 1.9 m, 2.5 m, 3.1 m, 3.7 m, 4.3 m, 4.9 m

Plait number: 16

Standards: EN 354, ANSI Z133

Description	Ø		Min. breaking strength	
	mm	inch	daN	lbf
e2e	12.5	1/2	2,800	6,290
e2e + swivel	12.5	1/2	2,800	6,290



Caution!

The flipLINE is unsuited for use in the vicinity of electrical lines!

12.5 mm

White/Orange



antiSHOCK Tool Lanyard

The antiSHOCK Tool Lanyard is another innovation for arborists from Teufelberger. What makes this lanyard for tools so special is how it absorbs forces. In the event that more than 220 – 240daN act on the lanyard – for example, if your saw gets stuck in a branch you are trying to cut off – then the tear webbing will be activated. This reduces the force that acts on the harness, the fall protection system, and the anchor point of the climber to 150 - 180daN. As a result, this product helps prevent injuries. The webbing is torn open until the impact force has been absorbed. If the saw does not release, the webbing will tear open completely after 70cm, and the tool will drop to the ground. Due to a special pretreatment of the yarns, the elastic webbing is exceptionally abrasion resistant. Our system for identifying PPE certified products – green identifies a PPE product, red means that a product has not been certified for PPE use.



Specifications

- **Standard:** No PPE standard

Features

- This product is available with a carabiner, with a ring, or without any hardware.

Length		Response force		Tear-open force	
cm	cm stretched	daN	lbf	daN	lbf
73	135	220-240	490-540	150-180	340-400

Attachment options



Variant A



Variant B



Variant C



Variant D

multiSLING

MultiSLING is regarded as the number one multipurpose tool for professional arborists. It can be used as an anchor sling and a friction hitch cord, in single leg or choked configurations. In combination with a DMM Revolver carabiner, multiSLING can also serve as a cambium saver.

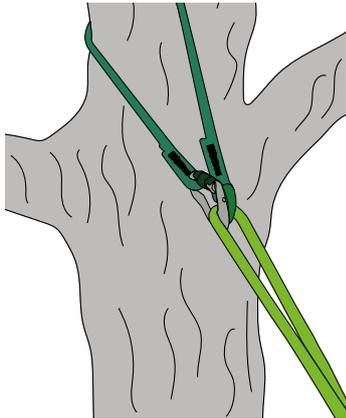
Specifications

Length: 1m, 1.3m
Standards: EN 566, EN 795B, EN 354, ANSI Z133

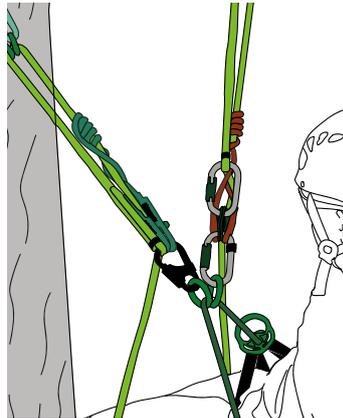
Ø		Min. breaking strength	
mm	inch	daN	lbf
10	3/8	2,450	5,500



Possible types of use



multiSLING as an anchor



multiSLING as an "in line" anchor

ringLOOP

ringLOOP is highly abrasion resistant and easy to knot. Thanks to its well-thought-out design, ringLOOP can be used as a replacement part for the multiSAVER and the multiANCHOR as well as for a number of other applications. Therefore, it is a must-have for all climbing arborists.

Specifications

Length: 0.35m, 0.43m
Standards: EN 795B, ANSI Z133

Ø		Min. breaking strength	
mm	inch	daN	lbf
8	5/16	2,500	5,620



Ocean Polyester e2e

The cover of Ocean Polyester Eye-to-Eye (e2e) consists of braided polyester/aramid and its core of high quality polyester fibers. This blend of materials makes this e2e highly heat resistance. The stitched eye-to-eye loops come in diameters of 8 or 10mm and are designed to grip a carabiner. These high quality stitched end terminations permit perfect handling with the DMM Hitch Climber Pulley.



Specifications

Length:	8mm: 0.6m, 0.65m, 0.7m, 0.76m, 0.85m, 0.90m, 0.95m
	10 mm: 0.65m, 0.80m, 0.85m, 0.90m, 0.95m, 1m, 1.05m
Standards:	8mm: EN 795B, ANSI Z133, AS/NZS 5532
	10mm: EN 795B, EN 566, ANSI Z133, AS/NZS 5532

Ø		Min. breaking strength	
mm	inch	daN	lbf
8	5/16	1,800	4,045
10	3/8	2,500	5,620

Ocean Polyester Loop

Tested to EN 795B and EN 566, respectively, the Ocean Polyester Loop is suited for a wide range of uses and is a must-have for all arborists. Manufactured on state-of-the-art machinery, the stitched rope connection is of highest quality and less bulky than a knot.



Specifications

Length:	8mm: 0.30m, 0.60m, 1.20m, 1.50m
	10mm: 0.50m, 0.70m, 1.50m
Standards:	8mm: EN 795B
	10mm: EN 795B, EN 566, ANSI Z133

Ø		Min. breaking strength	
mm	inch	daN	lbf
8	5/16	2,200	4,945
10	3/8	2,700	6,070



Sirius Loop

The Sirius Loop makes your work in the trees easier and safer. The advantage of the stitching of the Sirius Loop as compared to conventional knots is its reliability and compactness. The Sirius Loop is abrasion-resistant and flexible at the same time.

Specifications

Length: 0.50m, 0.60m, 0.70m
Standard: EN 795B, ANSI Z133 (Prusik), AS/NZS 5532

Ø		Min. breaking strength	
mm	inch	daN	lbf
10	3/8	2,450	5,505



Soft Shackle

The Soft Shackle from our sailing brand Robline, is an alternative to regular metal shackles. It is made of high strength UHMWPE fibers and is therefore very light-weight. The shackles are available in different sizes, the rope diameter changes according to the size of the shackle.

Specifications

Length: 500, 650, 700, 900, 1.000mm
Standard: No standard
Material: UHMWPE

Braid: 12

Features

- Alternative to metal shackle
- High strength UHMWPE fibers
- Very light-weight



Size	Length	Min. breaking strength	
	mm	daN	lbf
XS	500	700	1.570
S	650	1.000	2.245
M	900	2.000	4.495
L	1.000	4.000	8.990
XL	700	5.900	13.260
XXL	1.000	7.000	15.735

dynaGLIDE

dynaGLIDE is a coated throwline that, due to its neon colors, is easily visible in trees. Its coating provides for very little elongation and better gliding characteristics on bark.

Specifications

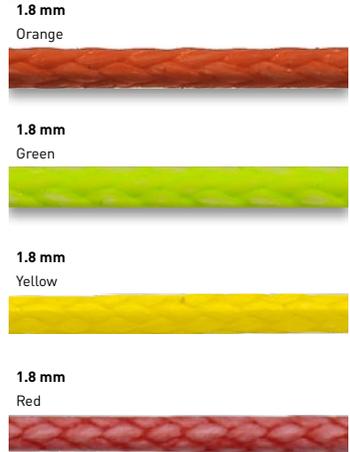
Length: 45m, 60m, 183m
Standard: No standard
Cover: UHMPE
Braid: 12



Features

- Pure Dyneema®
- Extremely high strength
- Polyurethane coated for better abrasion resistance
- Smooth surface glides readily over rough bark

Ø		Min. breaking strength				Weight	
		Free length		Knotted			
mm	inch	daN	lbf	daN	lbf	g/m	lbs/100
1.8	1/4	380	850	160	360	2.4	0.16



nineLINE

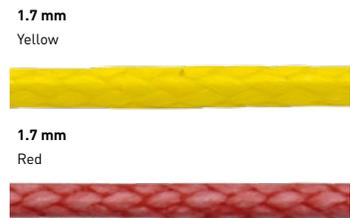
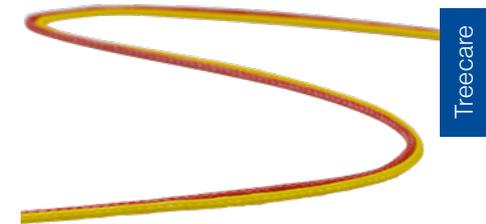
The nineLINE is a 1.7mm UHMWP throwline with a secret coating which makes it flexible, smooth, and running very well around every surface when you want to isolate your shot, but just enough slippery to handle it perfectly and precisely. The braiding type, the shape, the coating, and the perfect stiffness prevents nesting issues and allow the line to be easily retrieved from the tree but also make the storage in your throw bag better. The nineLINE has a breaking strength at 315 daN/3.15 kN and is available in red and yellow.

Specifications

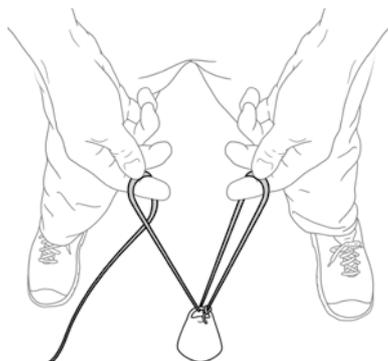
Length: 60m, 150m
Standard: No standard
Cover: UHMPE
Braid: 12



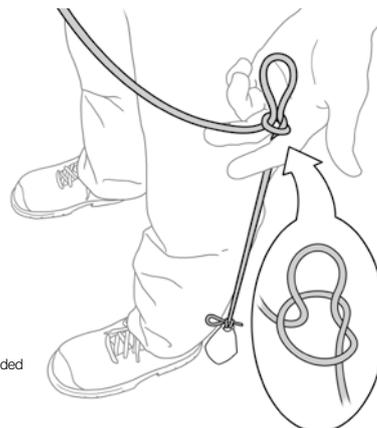
Ø		Min. breaking strength				Weight	
		Free length		Knotted			
mm	inch	daN	lbf	daN	lbf	g/m	lbs/100
1.7	1/15	315	708	137	308	2.3	0.15



Treecare



Throwline doublehanded



Throwline singlehanded

ropeBUCKET / kitBAG

Keep everything in perfect order and within reach! These unique transport and storage bags are made of the same material as the proven and sturdy Teufelberger treeMOTION harnesses.

Features:

- Extremely robust
- Stable
- Breathable
- Permeable to moisture and water
- Long-living, since the rope parts are replaceable
- Provided with a system of perforations for the easy and fast attachment of frequently needed work equipment

EXCHANGEABLE

- Rope: red/gray
- Rear and front bottom edge
- Straps for back and shoulder

The bags come in four different sizes designed for different combinations of tree care gear. A convenient system of perforations allows users to arrange their equipment systematically according to their own preferences. As a set, the bags can be stacked conveniently inside one another and thus take up little storage space.

ropeBUCKET

ropeBUCKET 80l – The largest of the bags, with a storage volume of 80l. Shoulder straps and a comfort handle make it very easy to carry.

ropeBUCKET 50l – This bag also comes with shoulder straps and the comfort handle, which make it easy to carry. It fits into the 80l bag.

Size	Dimensions h x w	Bottom diameter		Weight		Rated load
		mm	inch	kg	lbs	
80	680 x 420	320	13	4.5	9.90	100
50	510 x 390	280	11	3.5	7.70	100

kitBAG

kitBAG 30l – This bag has the same size bottom as ropeBUCKET 50l. However, stacked on top of the 50l bag, it fits into the 80l bag.

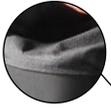
kitBAG 25l – This bag fits into any of the 30l, 50l and 80l bags.

Size	Dimensions h x w	Bottom diameter		Weight		Rated load
		mm	inch	kg	lbs	
30	310 x 390	280	11	2.2	4.85	100
25	310 x 350	240	9	2.1	4.60	100

Load carrying capacity of the bags: 100kg

Do not use for lifting loads and people.

ropeBUCKET / kitBAG



Extremely robust



Shoulder strap for easier transport (included with deliveries of ropeBUCKET 80l and 50l)



Made of the proven material of the treeMOTION harness



Perforation system for the fast and easy attachment of work equipment



Carabiners for shoulder straps (included with deliveries of ropeBUCKET 80l and 50l)



Handle for enhanced lifting comfort (ropeBUCKET 80l and 50l)



Shoulder straps for longer carrying distances (included with deliveries of ropeBUCKET 80l and 50l)



Breathable thanks to a system of perforations



Long life thanks to replaceable wearing parts



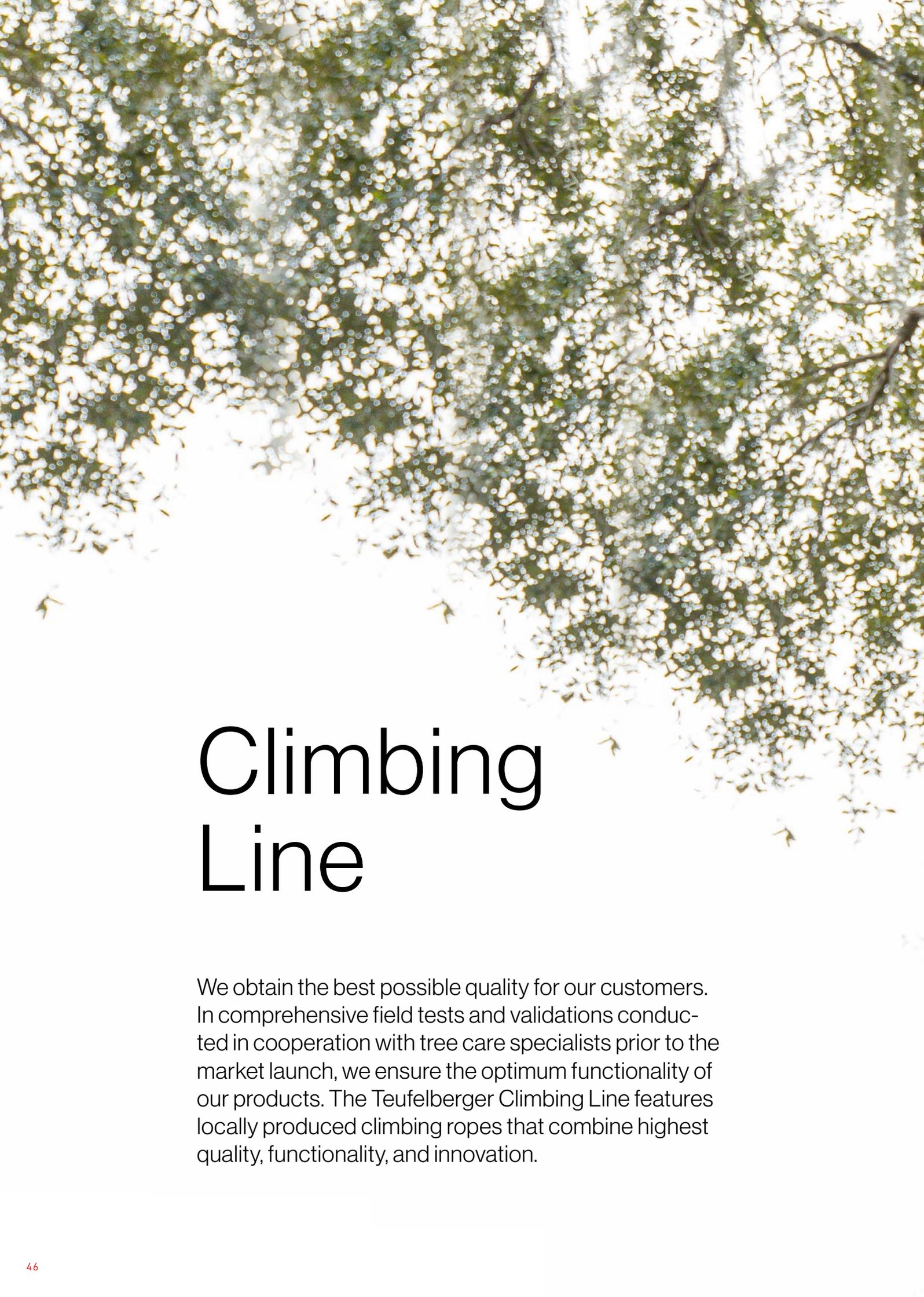
Solid design



Water permeable bottom



Bottom edge protectors for hands and back

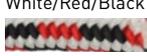
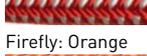
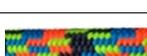


Climbing Line

We obtain the best possible quality for our customers. In comprehensive field tests and validations conducted in cooperation with tree care specialists prior to the market launch, we ensure the optimum functionality of our products. The Teufelberger Climbing Line features locally produced climbing ropes that combine highest quality, functionality, and innovation.



Overview of

Name	Page	Rope		Ø		Weight		Standard	Knotability
		Color		mm	inch	g/m	lbs/100		
 Braided Safety Blue®	50	Hi Vee: Orange/White 	Ultra Vee: Green/White 	12.7	½	105,6	7.10	ANSI Z133	0.56
		T Vee: Green/White/Black 	White 						
 Arbor Elite	50	White/Red/Black 		12.7	½	105,6	7.10	ANSI Z133	0.56
Tachyon	51	Ash 	Orange/Blue 	11.5	7/16	94	6.3	EN 1891A, ANSI Z133	0.60
		Green/Blue 	Orange/Yellow 						
		Green/Black/White 							
Fly	51	Fly: Red 	Dragonfly: Yellow 	11.0	7/16	87	5.90	EN 1891A, ANSI Z133	0.50
		Firefly: Orange 							
KM Pro	52	White-Black 	Red-White 	11.0	7/16	86.0	5.78	EN 1891A CI 1801	0.9-1.2
		Blue-White 	Black-White 						
drenaLINE	52	Black-White 		11.8	15/32	96,5	6.50	EN 1891A, ANSI Z133	1.10
Xstatic	53			11.7	15/32	105,6	7.10	EN 1891A, ANSI Z133	1.10
KM III®	54	Orange 	Green 	11.0	7/16	91.0	6.12	EN 1891A, NFPA 1983 General Use Rope ANSI Z133	0.97
		White/Blue 							
KM III®	54	Orange 	Green 	13.0	½	117.0	7.90	EN 1891A, NFPA 1983 General Use Rope ANSI Z133	0.83
KM III® Max	54	Black/Yellow 		9.5	3/8	65.0	4.40	EN 1891B, ANSI Z133	0.94
KM III® Max	54	Black/Yellow 		11.0	7/16	91.0	6.12	EN 1891A, ANSI Z133	1.11
Patron treeACCESS	55	White/Red/Black 		11.0	7/16	75.0	5.04	EN 1891A	0.51
Chameleon	55			10.5	13/32	72.0	4.84	EN 1891 A	0.80
				11.0	7/16	75.0	5.04		0.80

rope portfolio

Free length		spLIFE		Min. breaking strength				Material				Type of use	
daN	lbf	daN	lbf	Stitched daN	lbf	Spliced daN	lbf	Knotted daN	lbf	Core	Cover	Double rope	SRT ascent
2,580	5,800	1,645	3,700	n.a.	n.a.	2,400	5,400	2,350	5,290	Polyamide	Polyester	✓	
2,580	5,800	1,645	3,700	n.a.	n.a.	2,400	5,400	2,350	5,290	Polyamide	Polyester	✓	
2,445	5,500	1,655	3,725	n.a.	n.a.	2,400	5,400	2,185	4,920	Polyamide	Polyester	✓	✓
2,685	6,035	1,710	3,845	n.a.	n.a.	2,400	5,400	1,500	3,370	Polyamide	Polyester	✓	✓
3,500	7,865	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1,800	4,045	Nylon	Polyester		✓
3,500	7,865	1,650	3,705	n.a.	n.a.	1,650	3,705	1,800	4,045	Nylon	Polyester	✓	✓
3,200	7,190	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1,700	3,820	Nylon	Polyester		✓
3,765	8,465	n.a.	n.a.	3,085	6,935	n.a.	n.a.	n.a.	n.a.	Polyamide	Polyester		✓
5,015	11,275	n.a.	n.a.	3,680	8,265	n.a.	n.a.	n.a.	n.a.	Polyamide	Polyester		✓
2,790	6,275	n.a.	n.a.	1,895	4,260	n.a.	n.a.	n.a.	n.a.	Polyamide	Polyester		✓
3,765	8,465	n.a.	n.a.	3,085	6,935	n.a.	n.a.	n.a.	n.a.	Polyamide	Polyester		✓
3,300	7,415	n.a.	n.a.	2,700	6,065	n.a.	n.a.	1,800	4,045	Polyamide	Polyamide		✓
3,200 3,200	7,190 7,190	n.a.	n.a.	2,600 2,600	5,840 5,840	n.a.	n.a.	1,800 1,800	4,040 4,040	Polyamide	Polyamide	✓	✓

Braided Safety Blue®

[slaice]®

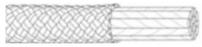


Braided Safety Blue® is the trendsetter among 16-strand climbing ropes. It combines features that ensure unparalleled safety, ergonomics, and durability. The blue core of Braided Safety Blue® is exposed when the rope sustains deep damage or has worn down to the point where it must be discarded. Being a full 12.7mm rope, Braided Safety Blue® goes easy on your hands. This allows you to work longer and avoid injury. Where durability is concerned, Braided Safety Blue®'s design and detailed workmanship are in a class of its own. The additional step of plying the yarns of each cover strand results in the strands in a firmer, rounder, and more durable strand. Other 16-strand ropes skip this step, which makes them more susceptible to abrasion and shorter-living.



Specifications

- Length:** 35m, 45m, 60m; each available with one or two [slaice]® rope end terminations.
- Standard:** ANSI Z133
- Core:** Polyamide
- Cover:** Polyester
- Braid:** 16



Features

- Proprietary “blue” safety core
- Plied strand yarns for improved abrasion resistance
- Protective coating improves durability and grip
- Easy to splice

12.7 mm

Hi Vee®: Orange/White



12.7 mm

Ultra Vee: Green/White



12.7 mm

T Vee: Green/White/Black



12.7 mm

White



Ø		Elongation 50-150 kg		Knotability	Min. breaking strength Free length				Spliced		Knotted		Weight	
mm	inch	%			daN	lbf	[slaice]® daN	lbf	daN	lbf	daN	lbf	g/m	lbs/100
12.7	½	3.0	0.56		2,580	5,800	1,645	3,700	2,400	5,400	2,350	5,290	105.6	7.10

Trecare

Arbor Elite

[slaice]®



Arbor Elite, the ideal entry level climbing rope, offers excellent value for money. Arbor Elite consists of a 16-strand braided polyester cover and parallel nylon cores. It features excellent knot holding ability and feels good to hold when climbing. The durability of this rope was increased by a strong twist of the cover material. In use, the cover is compacted onto the core, which further enhances stability.



Specifications

- Length:** 35m, 45m, 60m; each available with one or two [slaice]® rope end terminations.
- Braid:** 16



- Standard:** ANSI Z133
- Core:** Polyamide
- Cover:** Polyester

12.7 mm

White/Red/Black



Ø		Elongation 50-150 kg		Knotability	Min. breaking strength Free length				Spliced		Knotted		Weight	
mm	inch	%			daN	lbf	[slaice]® daN	lbf	daN	lbf	daN	lbf	g/m	lbs/100
12.7	½	3.0	0.56		2,580	5,800	1,645	3,700	2,400	5,400	2,350	5,290	105.6	7.10

Tachyon

[slaice]®

In arborist circles, Tachyon has quickly become the most popular among 24-strand ropes. Thanks to its unparalleled feel and its exceptional performance, it is ideal for use with the latest mechanical systems. Its firm and yet flexible design featuring a polyester cover significantly improves friction hitch performance without "bagginess". The inner core keeps the diameter consistent, even in the loaded state, for improved grip and less hand fatigue.

Specifications

- Length:** 35m, 45m, 60m; each available with one or two [slaice]® rope end terminations.
- Standard:** EN 1891A, ANSI Z133
- Core:** Polyamide
- Cover:** Polyester
- Braid:** 24



Features

- Functions perfectly in combination with standard hardware designed for use with 11mm ropes
- 11.1mm diameter for improved grip and slower hand fatigue
- Low stretch at low loads for less bounce while climbing
- High stretch at high loads to minimize the shock effect in the event of a fall
- Consistent diameter while climbing ensures improved grip
- Easy to splice



11.5 mm

Ash



11.5 mm

Orange/Blue



11.5 mm

Green/Blue



11.5 mm

Orange/Yellow



11.5 mm

Green/Black/White



Ø		Elongation 50-150 kg	Knotability	Min. breaking strength						Weight			
mm	inch			Free length		[slaice]® Spliced		Knotted		daN		lbf	
11.5	7/16	2.2	0.60	2,445	5,500	1,655	3,725	2,400	5,400	2,185	4,920	94.0	6.30

Fly

[slaice]®

Fly features an ideally balanced structure made up of a polyester cover and a polyamide core. Fly is engineered to stay firm and round, which significantly reduces any glazing that can occur when ropes flatten out in hardware. Yet, the rope remains supple enough to offer good knotability and hold knots well.

Specifications

- Length:** 35m, 45m, 60m; each available with one or two [slaice]® rope end terminations.
- Standard:** EN 1891A, ANSI Z133
- Core:** Polyamide
- Cover:** Polyester
- Braid:** 24



11 mm

Fly: Red



11 mm

Dragonfly: Yellow



11 mm

Firefly: Orange



Ø		Elongation 50-150 kg	Knotability	Min. breaking strength						Weight			
mm	inch			Free length		[slaice]® Spliced		Knotted		daN		lbf	
11	7/16	1.6	0.50	2,685	6,035	1,710	3,845	2,400	5,400	1,500	3,370	87.0	5.90

KM Pro

KM Pro is specifically manufactured to the needs of the rope access industry and perfectly combines price and performance. The rope access world requires workhorse ropes that perform at the highest level under constant use in often challenging situations. KM copes with these challenges and offers superior strength, handling, tenacity, abrasion resistance and low elongation. In addition, we were able to produce this high functioning rope at a lower cost than similar ropes, especially those with the NFPA price tag. KM Pro is perfectly suited for tower climbing, solar installations, cleaning, inspections, maintenance or work on wind turbines.



Specifications

Core: Nylon
Cover: Polyester
Standards: EN 1891A
 CI 1801
Braid: 32



Features

- Specially made for rope access industry
- High strength construction
- UV and chemical resistant sheath
- Perfect blend of price and performance

11 mm
White-Black



11 mm
Blue-White



11 mm
Red-White



11 mm
Black-White



CE test results per EN 1891

Ø		Shrinkage	Elongation	Min. breaking strength						Cover		Weight	
mm	inch			50-150 kg	Free length		Knotted		Sewn		%	g/m	lbs/100
		%	%	daN	lbf	daN	lbf	daN	lbf				
11	7/16	1.1	2.0	3,500	7,865	1,800	4,045	3,000	6,740	47.0	86.0	5.78	

drenaLINE

One rope equally efficient! Either on single or double rope configurations, this rope gives ultimate freedom to the climber to choose the right technique for the task.

The spLIFEable drenaLINE works perfectly and reliably in single or double rope configurations. Its extremely light construction and 32-strand cover allow super smooth precision during ascents and descents. With drenaLINE you can always be confident that the hardware you bought will be the right one. This rope has been extensively tested in the field with a vast range of hardware in single and double rope climbing techniques by experienced tree climbers around the world.



Specifications

Diameter: 11.8 mm (15/32")
Cover: Polyester
Core: Nylon
Plait number: 32

Lengths: 45m, 60m, 80m and 500m
Version: With spLIFE
Standards: EN 1891A, ANSI Z133

11.8 mm
drenaLINE



11.8 mm
charityLINE



Ø		Elongation	Knotability	Min. breaking strength						Weight			
mm	inch			50-150 kg	Free length		[slaiçe]*		Spliced		Knotted		g/m
		%		daN	lbf	daN	lbf	daN	lbf	daN	lbf		
11.8	15/32	2.30	1.10	3,500	7,865	1,650	3,705	1,650	3,705	1,800	4,045	96.5	6.50

Xstatic

With Xstatic Teufelberger designed a perfectly static rope specifically for Single Rope Technique (SRT) climbing. The special kernmantle construction of Xstatic maintains high tensile strength with minimum elongation. Xstatic provides better control for sleek descents and makes retrieval smooth and easy even with multiple redirects. With this rope you will focus your strength and skills where they belong: efficiently taking care of the tree, not worrying about climbing. It is the perfect choice for both an SRT access line and work positioning line. It's been successfully tested with all common hardware in the field by experienced tree climbers around the world.



11.7 mm
Xstatic



Specifications

- Diameter:** 11.7 mm (15/32")
- Cover:** Polyester
- Core:** Nylon
- Plait number:** 32
- Lengths:** 45m, 60m, 70m, 100m, 183m, 366m and 549m
- Standards:** EN 1891A, ANSI Z133

Ø		Elongation 50-150 kg %	Knotability	Min. breaking strength Free length		Knotted		Weight	
mm	inch			daN	lbf	daN	lbf	g/m	lbs/100
11.7	15/32	1.40	1.10	3,200	7,190	1,700	3,820	105.6	7.10



Xstatic for Single Rope

Technique climbing -

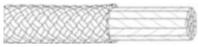
straight to the point!

KM III®

KM III® is another excellent product for single rope technique climbing. It has a polyamide core enveloped in a polyester cover. The polyester in the cover absorbs less water, has lower stretch, and also exhibits enhanced abrasion resistance and increased strength. Ascenders grab onto the rugged polyester cover, and the climber is able to move up the rope without the bounce one usually encounters on an all-polyamide climbing rope. KM III® conforms to both NFPA 1983 and CE EN 1891 A standards. This makes it the only dual certified static rope on the market. Additional colors and diameters are also available.

Specifications

Length:	183m
Standard:	EN 1891A, NFPA 1983, ANSI Z133
Core:	Polyamide
Cover:	Polyester
Braid:	32



All diameters

Orange



All diameters

Green



All diameters

White/Blue



Ø		Elongation 50-150 kg		Knotability	Min. breaking strength				Weight	
mm	inch	%			Free length		Stitched		g/m	lbs/100
					daN	lbf	daN	lbf		
11.0	7/16	1.8		0.97	3,765	8,465	3,085	6,935	91,0	6.12
13.0	1/2	1.8		0.83	5,015	11,275	3,680	8,265	117,0	7.90

KM III® Max

KM III® Max is well balanced, low rotating and features a unique twill design. It is a perfect static rope for work positioning tasks and smooth descents. What sets KM III® Max apart is our Twill Pattern Technology (TPT). It makes the cover smoother, thus reducing creep and providing better control during descents. Its smooth, low profile cover enables better braking, faster ascending, and offers ultimate abrasion resistance. Originally designed for work positioning applications, KM III® Max also constitutes an excellent choice for heavy exposure fixed lines, big wall hauling, caving, and a variety of rescue applications.

Specifications

Length:	45m, 80m, 91m and 183m
Standard:	EN 1891A, ANSI Z133
Core:	Polyamide
Cover:	Polyester
Braid:	32



Features

- TPT construction
- Abrasion resistant



11 mm

Black/Yellow



Ø		Elongation 50-150 kg		Knotability	Min. breaking strength				Weight	
mm	inch	%			Free length		Stitched		g/m	lbs/100
					daN	lbf	daN	lbf		
11.0	7/16	1.8		1.11	3,765	8,465	3,085	6,935	91.0	6.12

Patron treeACCESS

Certified to EN 1891 A, Patron treeACCESS is designed as an access rope and offers compelling value for money. Thanks to its 32-plait cover of high quality polyamide, this semi-static rope is suited for single rope technique climbing with ascenders as well as for footlocking using a friction hitch.

Specifications

Length:	200m, 700m
Standard:	EN 1891A
Core:	Polyamide
Cover:	Polyamide
Braid:	32



Ø		Elongation 50-150 kg %	Knota- bility	Min. breaking strength						Weight	
				Free length		Stitched		Knotted		g/m	lbs/100
mm	inch			daN	lbf	daN	lbf	daN	lbf		
11	7/16	3	0.51	3,300	7,415	2,700	6,070	1,800	4,045	75.0	5.04



11 mm
White/Red/Black



Chameleon

The new Chameleon is a robust, all-round rope with an ecological footprint. It is an access rope certified to EN 1891A and perfectly suited for Single and Double rope technique. For its production, high-quality yarns left over during color change in the extrusion process is used. Therefore the rope's color is flexible and changes based on the raw material provided. This upcycling helps to reduce waste in the fiber production process. The Chameleon range offers the same great handling and strength you would expect from Teufelberger ropes.

Specifications

Length:	35m, 45m, 50m, 100m, 200m and 700m
Core:	Nylon
Cover:	Nylon
Standard:	EN 1891 A
Braid:	32



Features

- All-round rope
- Robust and long-lasting
- Ecological footprint
- Flexible colors



All Dimensions
Color Sample



Ø		Elongation 50-150 kg %	Knota- bility	Min. breaking strength						Weight	
				Free length		Stitched		Knotted		g/m	lbs/100
mm	inch			daN	lbf	daN	lbf	daN	lbf		
10.5	13/32	3	0.8	3,200	7,190	2,600	5,840	1,800	4,040	72,0	4.84
11.0	7/16	3	0.8	3,200	7,190	2,600	5,840	1,800	4,040	75,0	5.04



Hitch Line

When push comes to shove, the ropes of the Hitch Line are your perfect choice. They successfully combine our leading edge technologies with high tech fibers. And they have also benefited from our 225 years of experience in braiding and our extensive knowledge of materials. With our Hitch Line, we offer arborists hitch cords with maximum heat protection, high breaking loads, and exceptional functionality.



Overview of

	Name	Page #	Rope Color	Ø		Weight	
				mm	inch	g/m	lbs/100
	ePiCORD	60	Orange 	8.0	5/16	52.1	3.5
	ePiCORD	60	Blue 	9.3	11/32	59.5	4.0
	ePiCORD	60	Green 	10.0	3/8	62.5	4.2
	Ocean Polyester	60	Green/Yellow 	8.0	5/16	50.1	3.37
	Ocean Polyester	60	Orange/Red 	10.0	3/8	72.1	4.75
	Sirius Accessory Cord	61	Black/Green  Black/Red  Grey/Green 	8.0	5/16	50.0	3.4
	Sirius Accessory Cord	61	Black/Red  Black/Red  Grey/Green 	10.0	3/8	71.0	4.77
	HRC ThermaShield Prusik	61	White/Brown 	8.0	5/16	49.1	3.3

rope portfolio

Standard	Min. breaking strength				Material	
	Free length		Stitched		Core	Cover
	daN	lbf	daN	lbf		
ANSI Z133	2,400	5,395	n.a.	n.a.	Technora®/Dyneema®	Polyester/Technora®
ANSI Z133	3,250	7,305	n.a.	n.a.	Technora®/Dyneema®	Polyester/Technora®
ANSI Z133	4,080	9,170	n.a.	n.a.	Technora®/Dyneema®	Polyester/Technora®
EN 564	2,200	4,945	n.a.	n.a.	Polyester	Polyester/Aramid
No PPE standard, ANSI Z133	3,300	7,415	n.a.	n.a.	Polyester	Polyester/Aramid
EN 564	1,440	3,235	n.a.	n.a.	Polyester	Polyester
No PPE standard, ANSI Z133	2,400	5,395	n.a.	n.a.	Polyester	Polyester
No PPE standard, ANSI Z133	2,670	6,000	2,000	4,500	Vectran®	Technora®/Nomex

epiCORD

Only available in the USA

epiCORD is the latest addition to the Teufelberger hitchcord range. epiCORD comes with a tight cover of a polyester/Technora® mix that offers increased protection to the lightweight but heat sensitive core. The cover is flexible enough to allow the climber to tie hitches easily. The core of epiCORD is a blend of Technora® and Dyneema® braided in a special balance that allows your hitch to release when you need it to. epiCORD comes in three sizes (8mm, 9.3mm, and 10mm) and thus accommodates the different preferences of arborists!

Specifications

- Length:** 183mm
- Standard:** ANSI Z133
- Core:** Technora®/Dyneema®
- Cover:** Polyester/Technora®
- Braid:** 32

Warning!

This product can be damaged when exposed to heat. When exposed to temperatures $\geq 70^{\circ}\text{C}$, it will sustain a relevant loss in breaking strength. This can cause falls from a height, especially in the case of long descents. Therefore, never use epiCORD for rappelling from large heights! Users must assess for each individual case of use whether or not the product is suited for it. The rope must be stored at room temperature and must not be exposed to any heat sources.



Ø		Min. breaking strength Free length		Weight	
mm	inch	daN	lbf	g/m	lbs/100
8.0	5/16	2,400	5,395	52.1	3.50
9.3	11/32	3,250	7,305	59.5	4.00
10.0	3/8	4,080	9,170	62.5	4.20



8 mm
Orange



9.3 mm
Blue



10 mm
Green



Ocean Polyester

Ocean Polyester is our answer to the complex requirements imposed on hitch cords. A construction consisting of a polyester/aramid cover and a polyester core makes this rope highly abrasion and heat resistant and grippy. Thanks to its long service life, Ocean Polyester is great value for your money.

Specifications

- Length:** 200m
- Standards:** 8mm: EN 564
10mm: No PPE standard, ANSI Z133
- Core:** Polyester
- Cover:** Polyester/Aramid
- Braid:** 32



Ø		Min. breaking strength Free length		Weight	
mm	inch	daN	lbf	g/m	lbs/100
8	5/16	2,200	4,945	50.1	3.37
10	3/8	3,300	7,415	72.1	4.75



8 mm
Green/Yellow



10 mm
Orange/Red



Treecare

Sirius Accessory Cord

Sirius Accessory Cord is the classic Prusik cord in tree care. Its combination of good knottability and flexibility ensures supreme ease of handling.

Specifications

- Length:** 200m
- Standard:** 8mm: EN 564
10mm: No PPE standard, ANSI Z133
- Core:** Polyester
- Cover:** Polyester
- Braid:** 32



Ø		Min. breaking strength		Weight	
		Free length			
mm	inch	daN	lbf	g/m	lbs/100
8	5/16	1,440	3,235	50.0	3.36
10	3/8	2,400	5,395	71.0	4.77



All diameters

Black/Green



All diameters

Black/Red



All diameters

Gray/Green



HRC ThermaShield Prusik

HRC (ThermaShield Prusik) features a heat-resistant cover made from Technora® and spun Nomex®. These materials provide ultimate heat and abrasion resistance. HRC ThermaShield Prusik offers great ease of handling, maximum grip, and stays supple in use. Its Vectran® core offers the best of high strength and low stretch.

Specifications

- Length:** 91m, 183m
- Standard:** No PPE standard, ANSI Z133
- Core:** Vectran®
- Cover:** Technora®/Nomex
- Braid:** 24



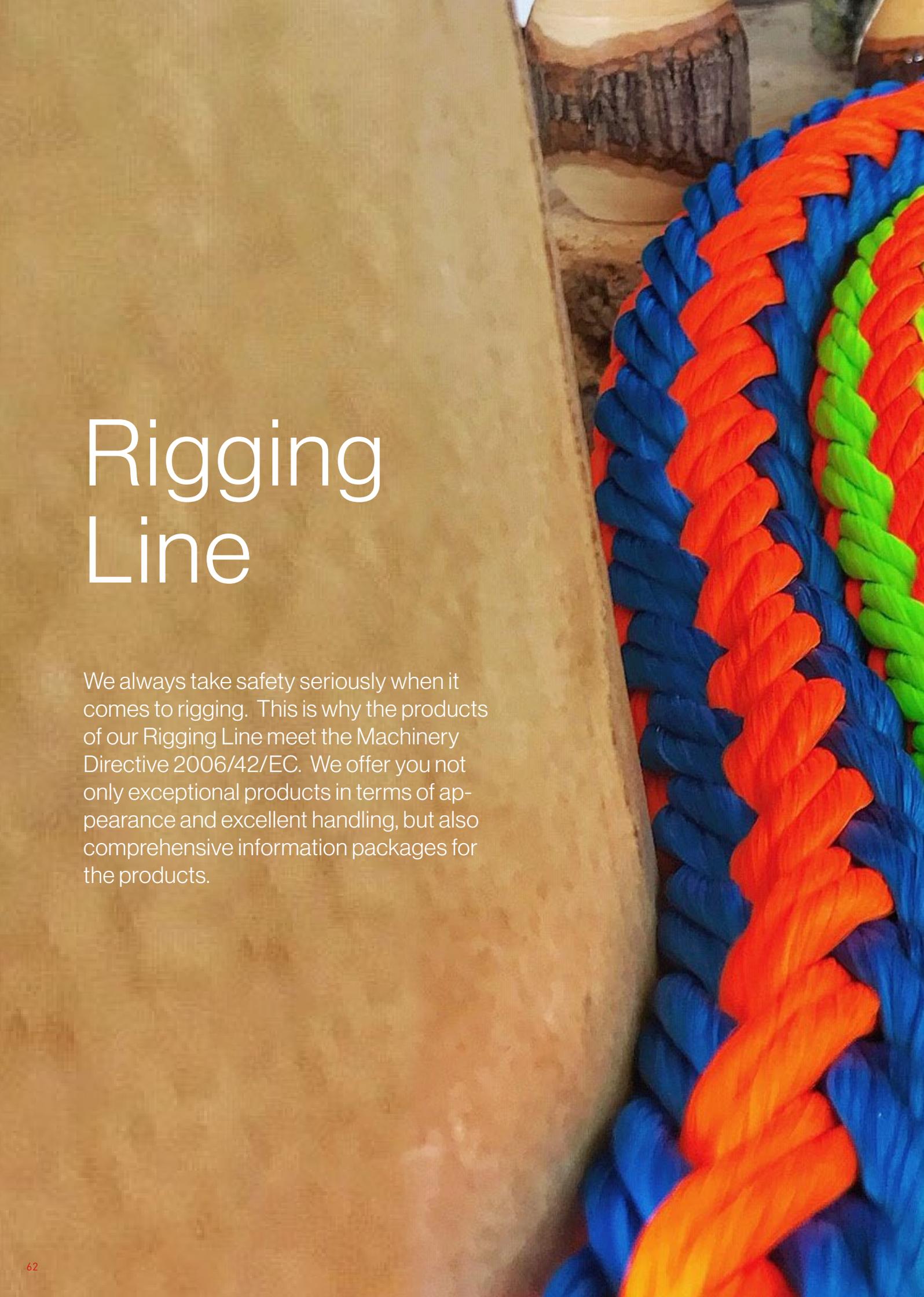
Ø		Min. breaking strength				Weight	
		Free length		Stitched			
mm	inch	daN	lbf	daN	lbf	g/m	lbs/100
8	5/16	2,670	6,000	2,000	4,500	49.1	3.30



8 mm

White/Brown





Rigging Line

We always take safety seriously when it comes to rigging. This is why the products of our Rigging Line meet the Machinery Directive 2006/42/EC. We offer you not only exceptional products in terms of appearance and excellent handling, but also comprehensive information packages for the products.



Overview of

Name	Page #	Rope Color	Ø		Weight		Standard
			mm	inch	g/m	lbs/100	
Sirus Bull Rope	66	Red/White 	12.0	1/2	103	6.92	Machinery Directive 2006/42/EC
Sirus Bull Rope	66	Orange/White 	14.0	9/16	151	10.15	Machinery Directive 2006/42/EC
Sirus Bull Rope	66	Yellow/White 	16.0	5/8	185	12.43	Machinery Directive 2006/42/EC
Sirus Bull Rope	66	Green/White 	18.0	23/32	227	15.26	Machinery Directive 2006/42/EC
Sirus Bull Rope	66	Blue/White 	20.0	25/32	285	19.16	Machinery Directive 2006/42/EC
tREX	67	Orange/Gray 	9.5	3/8	69.9	4.7	Machinery Directive 2006/42/EC
tREX	67	Orange/Red 	11.1	7/16	98.2	6.6	Machinery Directive 2006/42/EC
tREX	67	Orange/White 	12.7	1/2	129.4	8.7	Machinery Directive 2006/42/EC
tREX	67	Orange/Yellow 	15.9	5/8	203.8	13.7	Machinery Directive 2006/42/EC
tREX	67	Orange/Green 	19.1	3/4	267.8	18.0	Machinery Directive 2006/42/EC
tREX	67	Orange/Blue 	22.2	7/8	347.7	23.3	Machinery Directive 2006/42/EC
 Sta Set*	69	Orange 	12.7	1/2	116	7.8	Machinery Directive 2006/42/EC
 Sta Set*	69	Blue 	15.9	5/8	177.1	11.9	Machinery Directive 2006/42/EC
 Sta Set*	69	Red 	19.1	3/4	252.9	17.0	Machinery Directive 2006/42/EC

rope portfolio

	Min. breaking strength						Material	
	Free length daN	lbf	Spliced daN	lbf	Knotted daN	lbf	Core	Cover
	3,500	7,860	3,000	6,740	n.a.	n.a.	Polyester	Polyester
	5,200	11,680	4,420	9,930	n.a.	n.a.	Polyester	Polyester
	6,300	14,160	5,350	12,000	n.a.	n.a.	Polyester	Polyester
	7,700	17,300	6,540	14,700	n.a.	n.a.	Polyester	Polyester
	8,800	19,780	7,500	16,860	n.a.	n.a.	Polyester	Polyester
	2,600	5,840	2,300	5,170	1,300	2,920	—	Polyester
	3,400	7,640	3,000	6,740	1,700	3,820	—	Polyester
	4,400	9,890	3,900	8,765	2,200	4,945	—	Polyester
	6,600	14,835	5,900	13,260	3,300	7,415	—	Polyester
	9,100	20,455	8,100	18,205	4,500	10,115	—	Polyester
	12,800	28,770	11,500	25,850	6,400	14,385	—	Polyester
	3,935	8,850	3,200	7,190	1,600	3,590	Polyester	Polyester
	5,780	13,000	5,500	12,360	2,900	6,510	Polyester	Polyester
	9,875	22,000	7,400	16,630	3,900	8,760	Polyester	Polyester

Sirius Bull Rope

For years now, the Sirius Bull Rope has been a must-have item for arborists. This highly abrasion resistant and easy to handle rope comes in five different diameters and various color patterns.

Specifications

- Length:** 50m, 60m, 70m, 200m, 300m and 500m
- Standard:** Machinery Directive 2006/42/EC
- Core:** Polyester
- Cover:** Polyester
- Braid:** 32



Features

This product is available in boxes, or cut to lengths, with or without spliced eye.



12 mm
Red/White



14 mm
Orange/White



16 mm
Yellow/White



18 mm
Green/White



20 mm
Blue/White



Ø	Min. breaking strength				Weight		
	Free length		Spliced				
mm	inch	daN	lbf	daN	lbf	g/m	lbs/100
12	1/2	3,500	7,860	3,000	6,740	103	6.92
14	9/16	5,200	11,680	4,420	9,930	151	10.15
16	5/8	6,300	14,160	5,350	12,000	185	12.43
18	23/32	7,700	17,300	6,540	14,700	227	15.26
20	25/32	8,800	19,780	7,500	16,860	285	19.16



tREX

tREX is a low-stretch hollow braid rope consisting of 12 strands. Thus, it is specifically designed for use as a standard rigging line, soft eye sling, or loopie.

This hi-vis rigging line is easy to splice while maintaining a supple feel and excellent abrasion resistance. tREX's distinguishing features include its color design: each hi-vis strand is solution-dyed to prevent loss of color throughout use. Furthermore, our tREX is wax coated, which keeps it from getting rough fast, prevents the 'snagging' typically encountered with such ropes and also increases the rope's service life significantly. tREX comes in diameters from 9.5 mm to 22.2 mm as well as different colors.

Specifications

Length:	50m, 70m, 183m and 366m
Standard:	Machinery Directive 2006/42/EC
Cover:	Polyester
Braid:	12



Ø	Min. breaking strength						Weight		
	Free length		Spliced		Knotted				
mm	inch	daN	lbf	daN	lbf	daN	lbf	g/m	lbs/100
9.5	3/8	2,600	5,840	2,300	5,170	1,300	2,920	69.9	4.7
11.1	7/16	3,400	7,640	3,000	6,740	1,700	3,820	98.2	6.6
12.7	1/2	4,400	9,890	3,900	8,765	2,200	4,945	129.4	8.7
15.9	5/8	6,600	14,835	5,900	13,260	3,300	7,415	203.8	13.7
19.1	3/4	9,100	20,455	8,100	18,205	4,500	10,115	267.8	18.0
22.2	7/8	12,800	28,770	11,500	25,850	6,400	14,385	347.7	23.3

Features

- Easy to splice
- Supple
- Abrasion resistant
- Hi-vis
- Colorfast



9.5 mm
Orange/Gray



11.1 mm
Orange/Red



12.7 mm
Orange/White



15.9 mm
Orange/Yellow



19.1 mm
Orange/Green



22.2 mm
Orange/Blue



tREX Ploopies

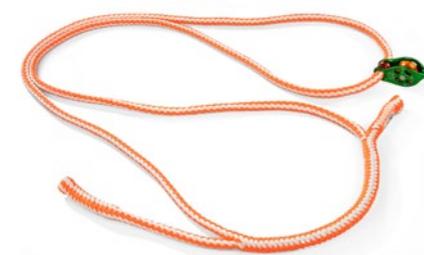
For more lightweight rigging applications, we now have our tREX adjustable slings with pulley – the tREX Ploopies. This sling comes with a pre-installed DMM Rig Pulley. tREX Ploopies are available in the following diameters: 11.1mm (7/16 inch) and 12.7mm (1/2 inch). Please keep in mind that the breaking strength of 12.7mm (1/2 inch) ploopies is limited to 50kN because of the pulley.

Specifications

Length:	1m, 2m
Standard:	Machinery Directive 2006/42/EC
Cover:	Polyester
Braid:	12



Ø	Min. breaking strength		
	Pull in 0°		
mm	inch	daN	lbf
11.1	7/16	3,700	8,315
12.7	1/2	4,800	10,790



tREX Loopies

tREX Loopies are our endless slings for rigging applications developed by Teufelberger. The adjustable endless slings are made up of the new tREX ropes for rigging applications. They are ideally suited for the knotless attachment of a block to the top of a tree, or for the installation of deflection points. These endless slings are available in many different sizes.



Specifications

Length: 1m, 1.5m, 2.5m, 3m, 3.5m, 4.5m
Standard: Machinery Directive 2006/42/EC
Cover: Polyester
Braid: 12



Ø		Min. breaking strength		Pull in 0°	
		Pull in 90°			
mm	inch	daN	lbf	daN	lbf
9.5	3/8	2,800	6,290	3,300	7,415
11.1	7/16	3,700	8,315	4,400	9,890
12.7	1/2	4,800	10,790	5,700	12,810
15.9	5/8	7,200	16,185	8,500	19,105
19.1	3/4	10,000	22,480	11,800	26,525
22.2	7/8	14,000	31,470	16,600	37,315

tREX Soft Eye Sling

The tREX Soft Eye Sling allows you to set hardware to the ideal length for your intended use in practically no time at all. The loose end is tapered in a special procedure and bent at an optimum angle such that the end can be pulled through easily and with minimal effort. The various available lengths and the 35cm eye offer you several configuration options.



Specifications

Length: 3m, 4m, 5m, 6m, 6.5m
Standard: Machinery Directive 2006/42/EC
Cover: Polyester
Braid: 12



Ø		Min. breaking strength		Pull in 0°	
		Pull in 90°			
mm	inch	daN	lbf	daN	lbf
9.5	3/8	1,400	3,145	1,600	3,595
11.1	7/16	1,800	4,045	2,200	4,945
12.7	1/2	2,400	5,395	2,800	6,290
15.9	5/8	3,600	8,090	4,200	9,440
19.1	3/4	5,000	11,240	5,900	13,260
22.2	7/8	7,000	15,735	8,300	18,655

Sta-Set®

Sta-Set® is a durable premium grade double braided polyester bull rope. Its stronger cover featuring a high degree of twist in the yarns makes Sta-Set® a flexible and highly resistant rigging rope. Its use is particularly recommended for cases where blocks are employed. Our urethane coating imparts greater abrasion resistance to Sta-Set®. Sta-Set® exhibits good knot holding ability and can be readily spliced into slings.

Only available in the USA



Specifications

- Length:** 50m, 70m, with or without eye, and 183m in a box
- Standard:** Machinery Directive 2006/42/EC
- Core:** Polyester
- Cover:** Polyester
- Braid:** 24



Features

- Coating and improved abrasion resistance
- Easy to splice
- Good knot holding ability
- Low stretch
- This product is available in boxes, or cut to lengths, with or without spliced eye.

12.7 mm
Orange



15.9 mm
Blue



19.1 mm
Red



Ø		Min. breaking strength				Weight			
		Free length		Spliced		Knotted			
mm	inch	daN	lbf	daN	lbf	daN	lbf	g/m	lbs/100
12.7	1/2	3,935	8,850	3,200	7,190	1,600	3,590	116	7.80
15.9	5/8	5,780	13,000	5,500	12,360	2,900	6,510	177.1	11.90
19.1	3/4	9,875	22,000	7,400	16,630	3,900	8,760	252.9	17.00

Flexible and highly resistant, double premium rigging rope.





Winch Line

Long standing experience in the timber processing industry allows us to offer you an excellent range of winch ropes for arborists. Our users get to enjoy the benefit of proven and certified ropes.



Overview of

Name	Page	Rope Color	Ø		Weight		Standard
			mm	inch	g/m	lbs/100	
arborWINCH	74	Yellow/Orange 	12.0	½	98	6.6	Machinery Directive 2006/42/EC
Endura 12®	74	Orange 	10.0	¾	50.6	3.4	No standard
Endura 12®	74	Orange 	11.0	7/16	59.5	4.0	No standard
Endura Braid®	75	White 	10.0	¾	56.5	3.8	No standard
Endura Braid®	75	White 	11.0	7/16	80.3	5.4	No standard

rope portfolio

Free length daN	Min. breaking strength		Material		
	lbf	Spliced daN	lbf	Core	Cover
7,000	15,735	5,700	12,810	Dyneema®	Polyester/ Polyester
7,470	16,800	n.a.	n.a.	HMPE	-
9,875	22,200	n.a.	n.a.	HMPE	-
3,955	8,900	n.a.	n.a.	HMPE	Polyester
5,735	12,900	n.a.	n.a.	HMPE	Polyester

arborWINCH

The arborWINCH 12mm rope has been developed specifically for winch applications in tree care. Featuring a braided Dyneema® SK78 core, free lengths of this rope are capable of supporting loads of up to 7000daN. Its intermediate cover made of polyester staple fibers effectively prevents any core/cover displacement. Its red and yellow signal colors make arborWINCH your ideal choice for work in forests. The standard version of the arborWINCH 12mm rope comes in lengths of 50m and with a spliced eye.

Specifications

Length:	40m, 50m, 60m, 90m and 600m
Standard:	Machinery Directive 2006/42/EC
Core:	Dyneema®
Cover:	Polyester/Polyester
Braid:	32



Ø		Min. breaking strength				Weight	
		Free length		Spliced			
mm	inch	daN	lbf	daN	lbf	g/m	lbs/100
12	1/2	7,000	15,735	5,700	12,810	98	6.6



12 mm
Yellow/Orange



Endura 12®

Endura 12® is a 100% HMPE fiber rope characterized by extremely high tensile strength and ultra-low stretch. The rope is coated with a urethane coating to enhance its abrasion resistance. Because Endura 12® has extremely low stretch, there is low recoil energy in the event of rope failure due to overloading.

Specifications

Standard:	No standard
Core:	HMPE
Braid:	12



Features

- Extremely high tensile strength
- Coated to improve abrasion resistance
- No snapback for improved safety

Ø		Min. breaking strength		Weight	
		Free length + spliced			
mm	inch	daN	lbf	g/m	lbs/100
10	3/8	7,470	16,800	50.6	3.4
11	7/16	9,875	22,200	59.5	4.0



All diameters
Orange



Endura Braid®

Endura Braid® is a double braid rope featuring extremely high strength and an extremely low-stretch HMPE core which is protected by a durable polyester cover. The higher strength-to-diameter ratio of Endura Braid® makes the use of smaller diameter ropes possible. This can be an advantage when the winch drum takeup length is a limiting factor.

Specifications

- Standard:** No standard
- Core:** HMPE
- Cover:** Polyester
- Braid:** 24



Features

- An optional urethane coating can be applied to entire assembly or to eyes only.



All diameters
White



Ø		Min. breaking strength		Weight	
		Free length + spliced			
mm	inch	daN	lbf	g/m	lbs/100
10	3/8	3,955	8,900	56.5	3.8
11	7/16	5,735	12,900	80.3	5.4





Replacement parts / Enhance- ments



Replacement parts & enhancements

1 Sirius 10mm Pinto Rig Loop

Product	Ø		Min. breaking strength		Standard
	mm	inch	daN	lbf	
Name					
pulleySAVER	10	3/8	2,450	5,505	EN 795B, ANSI Z133 (Prusik), AS/NZS 5532



1 Sirius 10mm Pinto Rig Loop

2 Sirius 10mm Pinto Loop

Product	Ø		Min. breaking strength		Standard
	mm	inch	daN	lbf	
Name					
pulleySAVER	10	3/8	2,450	5,505	EN 795B, ANSI Z133 (Prusik), AS/NZS 5532



2 Sirius 10mm Pinto Loop

3 equalIZA

Product	Ø		Min. breaking strength		Standard
	mm	inch	daN	lbf	
Name					
pulleySAVER	12	1/2	2,450	5,505	EN 795B, ANSI Z133



3 equalIZA

4 Retrieval Cone

Product	Packaging unit	Size	
		Name	pc
pulleySAVER flmbCLIMB	15	S	
multiANCHOR pulleySAVER flmbSAVER multiSAVER	15	L	



4 Retrieval Cone

Teufelberger stands for quality down to the smallest detail. This is why the new retrieval cones supplied by DMM have now taken the place of the previously used balls. Their optimized shape and two different sizes guarantee the safe retrieval of cambium savers. The yellow cone goes well with the new pulleySAVER and the flmbCLIMB, while the red cone fits all other Teufelberger products.

5 Ocean Polyester Loop T

Product	Ø		Min. breaking strength		Standard
	mm	inch	daN	lbf	
Name					
flmbSAVER	8	5/16	2,450	5,505	EN 795B



5 Ocean Polyester Loop T

6 ringLOOP

Product	Ø		Min. breaking strength		Standard
	mm	inch	daN	lbf	
Name					
multiANCHOR multiSAVER	8	5/16	1,800	4,045	EN 795B, ANSI Z133

This product is available in the following **Lengths:** 0.35m (small ring) and 0.43m (large ring)



6 ringLOOP

7 Ocean Polyester e2e

Product	Ø		Min. breaking strength		Standard
	mm	inch	daN	lbf	
Name					
CElanyard	8	5/16	1,800	4,045	EN 795B, ANSI Z133, AS/NZ 5532
CEclimb	8	5/16	1,800	4,045	EN 795B, ANSI Z133, AS/NZ 5532
CEclimb	10	3/8	2,500	5,620	EN 566, EN 795B, ANSI Z133, AS/NZ 5532



7 Ocean Polyester e2e

8 Ocean Dyneema® Loop T

Product Name	Ø		Min. breaking strength		Standard
	mm	inch	daN	lbf	
pulleySAVER CELanyard	7	¼	2,450	5,505	EN 795B, ANSI Z133 (Prusik), AS/NZS 5532
flmbICLIMB	7	¼	2,450	5,505	EN 795B, ANSI Z133 (Prusik), AS/NZS 5532



8 Ocean Dyneema® Loop T

9 hipSTAR Glide e2e & miniGLIDE e2e

Product Name	Standard
hipSTAR Glide e2e 11.5mm	EN 358:2018, EN 795B:2012, ANSI Z133-2017 (miniGLIDE e2e double strand only), AS/NZS 5532:2013, AS 1891.5:2020, CEN/TS 16415:2017 [2 Persons]
hipSTAR Glide e2e 12.9mm	EN 358:2018, EN 795B:2012, ANSI Z133-2017 (miniGLIDE e2e double strand only), AS/NZS 5532:2013, AS 1891.5:2020, CEN/TS 16415:2017 [2 Persons]
miniGLIDE e2e 10.5mm	EN 358:2018, EN 795B:2012, ANSI Z133-2017 (miniGLIDE e2e double strand only), AS/NZS 5532:2013, AS 1891.5:2020, CEN/TS 16415:2017 [2 Persons]



9 hipSTAR Glide e2e 10.5, hipSTAR Glide e2e 12.9, miniGLIDE e2e

10 multiTOOL

Product Name	Standard
multiTOOL prusikLOOP	EN 795B, CEN/TS 16415:2017 [2 Persons] ANSI Z133, AS/NZS5532
Rope end sleeve for canopyANCHOR ring	
Rope end sleeve for canopyANCHOR fimbler and chainANCHOR fimbler	



10 multiTOOL prusikLOOP, rope end sleeves

11 Bags

Product Name	Size
PES Bag	S, M, L
treeMOTION® Bag	one size

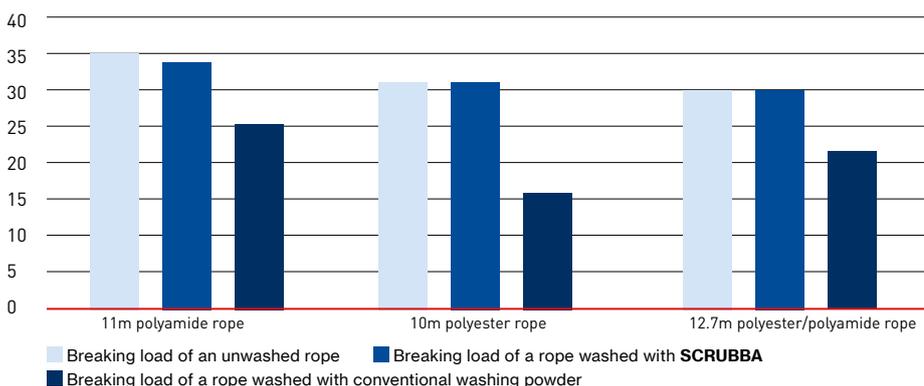


11 PES Bag & treeMOTION® Bag

SCRUBBA

SCRUBBA is a rope detergent specifically adapted to the requirements of fiber ropes and also easy to use. Its carefully balanced mix of ingredients ensures that your safety and climbing ropes are cleaned effectively and gently without compromising fiber integrity. This has been confirmed in washing tests carried out in the laboratory.

SCRUBBA test results



Test results and further product information:

[MORE INFO](#)



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