



ARBORIST ROPES

2025 | ENG

Upgrade Your Lines



KAYA COMPANIES

www.kayacompanies.com

Kaya Companies;

A leader in its field today, Kaya Group began business in the 1980's as Kaya Construction. Kaya Group concentrates its knowledge and experience in four main areas of activity; the production of technical ropes, industrial work safety and work at height, health and safety at work training and consulting services. Since being fully aware of the dimension of social responsibility attached to the sector, the company obtains national and international certificates for all products that are developed and manufactured. By providing education and consultation services concerning the correct use of its products, the Kaya Group has gained the knowledge, experience and level of competence that have given the company the confidence and resources to be able to make new advances from a sound base. With its 40+ year experience, the Kaya Group is the largest organization in the sector. In 2010, with new products, services and investments, the company is firmly on the path towards becoming an important brand in the international market.

Our Vision;

To make Kaya the undisputed world's strongest, most prestigious and trusted brand in its sector.

Mission Statement;

Our mission is to conduct research and development based on accurate analysis of needs in the sector and thereby develop new products; to employ modern machinery and a competent workforce in the manufacture of world-class, high quality goods; to provide training and consulting services to create knowledgeable workers and managers and help establish a culture of work safety in Turkey; and to provide complete solutions via our integrated services.

Company Philosophy;

Based on the value we place on human life, our goal is to design products that will safeguard human life on the job, to manufacture such products and to raise awareness about work safety by training workers and managers and providing consultation services in this regard.

KAYA SAFETY | KAYA ROPES | KAYA ARCHITECTURE | KAYA TRAINING | KAYA ADVENTURE | KAYA SCAFFOLDING
KAYA CONSTRUCTION | KAYA RESCUE | KAYA DEFENCE | KAYA SECURITY | KAYA SPORT | KAYA LIFTING | KAYA NATURAL

HORIZON STATIC®

APPLICATIONS

Rescue Line
 SRT Climbing Line
 (Single Rope Technique)
 Static Rappelling Line
 Safety Lifeline

BENEFITS / FEATURES

Works with Hardware
 Works Smooth Descents
 Water & Dirt Resistant
 (Thermo Protector Process)

Horizon Static® climbing line was designed for SRT climbing systems. This 11,2 mm, 32 strand kernmantle rope provides a smooth cover for sleek descents along with very low elongation. The climber can be confident in this ropes ability to work with your mechanical device of choice.

SPECIFICATIONS

Material	:	Cover: HT Polyester Fiber Core: HT Polyamide Fiber
Type	:	A
Specific Gravity	:	~1,24 kg/dm ³
Construction	:	Core: Parallel Braided Cover: 32 Plaited
UV Resistance	:	Excellent
Chemical Resistance	:	Good
Melting Point	:	214-256°C
Critical Temperature	:	170°C
Fiber Water Absorption	:	Approx. %2-3
Wet Abrasion	:	Good
Dry Abrasion	:	Good
Standard	:	-
Length	:	91 M-100 M-183 M-200 M Orange Spool

Other Colours on Request

DIA		Weight		Elongation	Cover	B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(50-150kg)	(%)	(lbs)	(kgf)
3/8"	9,5	4,46	6,60	%1,7	49	4.188	1.900
7/16"	11,2	6,09	9,05	%1,7	49	6.810	3.089
1/12"	13	8,06	12,00	%1,7	49	8.155	3.700

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)



HURACAN STATIC®

APPLICATIONS

Climbing Line

BENEFITS / FEATURES

- Works with Hardware
- Easy Handling/Flexibility
- Excellent Knot-Holding Capability
- Easy to Splice
- Great for Footlocking
- Water & Dirt Resistant
(Thermo Protector Process)

Features a 24-strand cover and low elongation, ensuring optimal compatibility with mechanical ascenders, descenders, and other rope access equipment. Maintains a firm yet flexible handling characteristic, preserves roundness under load, and offers high abrasion resistance for demanding use. Exhibits excellent knot stability and is suitable for splicing when required. Certified to EN 1891 Type A, the European standard for low-stretch kernmantle ropes used in rope access, rescue, and work-at-height applications.

SPECIFICATIONS

- Material : Cover: HT Polyester Fiber
Core: HT Polyamide Fiber
- Type : A
- Specific Gravity : ~1,26 kg/dm³
- Construction : Core: 16 Plaited
Cover: 24 Plaited
- UV Resistance : Excellent
- Chemical Resistance : Good
- Melting Point : 256°C
- Critical Temperature : 170°C
- Fiber Water Absorption : Approx. %2-3
- Wet Abrasion : Good
- Dry Abrasion : Good
- Standard : -
- Length : 91 M-100 M-183 M-200 M Orange Spool

Other Colours on Request

DIA		Weight		Elongation	Cover	B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(50-150kg)	(%)	(lbs)	(kgf)
15/32"	11,7	6,45	9,60	%1,8	58	6.878	3.120

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)



HURACAN STATIC® ARBORIST ROPES



ASPEN STATIC®

APPLICATIONS

SRT Climbing Line
(Single Rope Technique)

BENEFITS / FEATURES

Ultra Low-Stretch
Tight Jacket
SRT Ascent
Water & Dirt Resistant
(Thermo Protector Process)

Crafted with precision, this 32-strand braided kernmantle rope offers an ideal diameter for climbers seeking smooth descents and reliable performance through multiple redirects. Its exceptionally low stretch ensures stability, while the thicker, durable cover provides outstanding abrasion resistance for long-lasting use. Built to the highest standard, it conforms to EN 1891 Type A, delivering the safety and reliability you need.

SPECIFICATIONS

Material	:	Cover: HT Polyester Fiber Core: HT Polyamide Fiber
Type	:	A
Specific Gravity	:	~ 1,25 kg/dm ³
Construction	:	Core: Parallel Braided Cover: 32 Plaited
UV Resistance	:	Excellent
Chemical Resistance	:	Good
Melting Point	:	256°C
Critical Temperature	:	170°C
Fiber Water Absorption	:	Approx. %2-3
Wet Abrasion	:	Good
Dry Abrasion	:	Good
Standard	:	-
Length	:	91 M-100 M-183 M-200 M Orange Spool

Other Colours on Request

DIA		Weight		Elongation	Cover	B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(50-150kg)	(%)	(lbs)	(kgf)
7/16"	11,7	6,60	9,70	%1,9	46	7.060	3.200

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)



LUPES® CIRCUS TIGHT

APPLICATIONS

Rigging Line

BENEFITS / FEATURES

Easy to Splice
 Durable
 Very Long Service Life
 Shares the Load Equally
 Between Cover and Core
 Stretches Less Than the
 Standard Polyester
 Flexible

This rope is highly resistant to abrasion and easy to handle. It is available in five different diameters and a variety of color patterns for each diameter

SPECIFICATIONS

Material	:	Cover: HT Polyester Fiber Core: HT Polyester Fiber
Type	:	A
Specific Gravity	:	~ 1,38 kg/dm ³
Construction	:	Core: 16 Plaited Cover: 32 Plaited
UV Resistance	:	Excellent
Chemical Resistance	:	Good
Melting Point	:	256°C
Critical Temperature	:	170°C
Working Stretch	:	<4%
Wet Abrasion	:	Good
Dry Abrasion	:	Good
Standard	:	-
Length	:	91 M-100 M-183 M-200 M Orange

Other Colours on Request

DIA		Weight		Cover	B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(%)	(lbs)	(kgf)
3/8"	10	4,70	6,90	42	5060	2.300
1/2"	12	7,20	10,70	44	7.110	3.230
9/16"	14	10,10	15,00	44	9.930	4.510
5/8"	16	13,00	19,30	44	12.760	5.800
3/4"	18	15,80	23,50	44	15.600	7.090
13/16"	20	20,10	29,90	44	19.850	9.020

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)



LUPES® CIRCUS TIGHT ▶ ARBORIST ROPES



THUNDER STATIC®

APPLICATIONS

Climbing Line
 Static Rappelling Line
 Safety Lifeline
 High Heat Applications

BENEFITS / FEATURES

Excellent Heat Applications
 Arc Flash Protection
 Excellent Cut Resistance
 Water & Dirt Resistant
 (Thermo Protector Process)

Designed with a unique Technora® cover and polyamide fiber core, Thunder Static® is robust and durable, yet supple enough to work position easily. Thunder Static® is abrasion resistant, rugged and may offer resistance to nicks without the weight of a metal core and it is non-conductive.

SPECIFICATIONS

Material	:	Cover: Technora® & Aramid Fiber Inner Cover: HT Polyamide Fiber Core: HT Polyamide Fiber
Type	:	A
Specific Gravity	:	~1,26 kg/dm3
Construction	:	Core: Parallel Braided Inner Cover: 48 Plaited Cover: 32 Plaited
UV Resistance	:	Poor
Chemical Resistance	:	Excellent
Melting Point	:	500°C
Critical Temperature	:	350°C
Fiber Water Absorption	:	Approx. %3-4
Wet Abrasion	:	Excellent
Dry Abrasion	:	Excellent
Standard	:	EN 1891
Length	:	91 M-100 M-183 M-200 M Orange Spool

Other Colours on Request

DIA		Weight		Elongation	Cover	B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(50-150kg)	(%)	(lbs)	(kgf)
7/16"	11	6,30	9,35	%1,5	48	11.000	5.000

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)



Technora®

THUNDER STATIC® SPECIAL

APPLICATIONS

Climbing Line
 Static Rappelling Line
 Safety Lifeline
 High Heat Applications

BENEFITS / FEATURES

Excellent Heat Applications
 Arc Flash Protection
 Excellent Cut Resistance
 Water & Dirt Resistant
 (Thermo Protector Process)

SPECIFICATIONS

Material : Cover: Technora® & Aramid Fiber
 Inner Cover: UHMWPE Fiber
 Core: HT Polyamide Fiber

Type : A

Specific Gravity : ~1,22 kg/dm³

Construction : Core: Parallel Braided
 Inner Cover: 48 Plaited
 Cover: 32 Plaited

UV Resistance : Poor

Chemical Resistance : Excellent

Melting Point : 500°C

Critical Temperature : 350°C

Fiber Water Absorption : Approx. %3-4

Wet Abrasion : Excellent

Dry Abrasion : Excellent

Standard : EN 1891

Length : 91 M-100 M-183 M-200 M Orange Spool

Other Colours on Request

DIA		Weight		Elongation	Cover	B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(50-150kg)	(%)	(lbs)	(kgf)
7/16"	11	6,10	9,00	%1,5	47	11.000	5.000

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)



THUNDER STATIC® SPECIAL ▲ ARBORIST ROPES



RIG FLEX®

APPLICATIONS

Climbing Line
Rigging Line

BENEFITS / FEATURES

Easy Handling/Flexibility
Firm Construction
Low Stretch
Retains Shape with use
Water & Dirt Resistant
(Thermo Protector Process)

Built to stay round, this 12 strand 12,7mm diameter rope allows for better hand control. This polyester option is lightweight and high-strength with wear resistance for climbing or rigging.

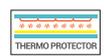
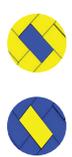
SPECIFICATIONS

Material	:	100% HT Polyester Fiber
Specific Gravity	:	~1,38 kg/dm ³
Construction	:	12 Strand Braided
UV Resistance	:	Excellent
Chemical Resistance	:	Good
Melting Point	:	256°C
Critical Temperature	:	170°C
Fiber Water Absorption	:	Approx. %1-2
Wet Abrasion	:	Good
Dry Abrasion	:	Good
Standard	:	-
Length	:	91 M-100 M-183 M-200 M Orange Spool

Other Colours on Request

DIA		Weight		B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(lbs)	(kgf)
1/2"	12,7	8,13	12,10	4.189	1.900

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)



ARBOR FLEX® II

APPLICATIONS

Climbing Line

BENEFITS / FEATURES

Easy Handling/Flexibility
Excellent Knot-Holding Capability
Low Stretch
Sized for Easy Grip
Water & Dirt Resistant
(Thermo Protector Process)

This 16 strand 12,7mm diameter climbing line was designed to offer superior abrasion resistance. Its durable cover and parallel core provide low stretch while maintaining its round shape. The larger strands allow for plenty of grip providing less fatigue to the climber. Available spliced or sewn.

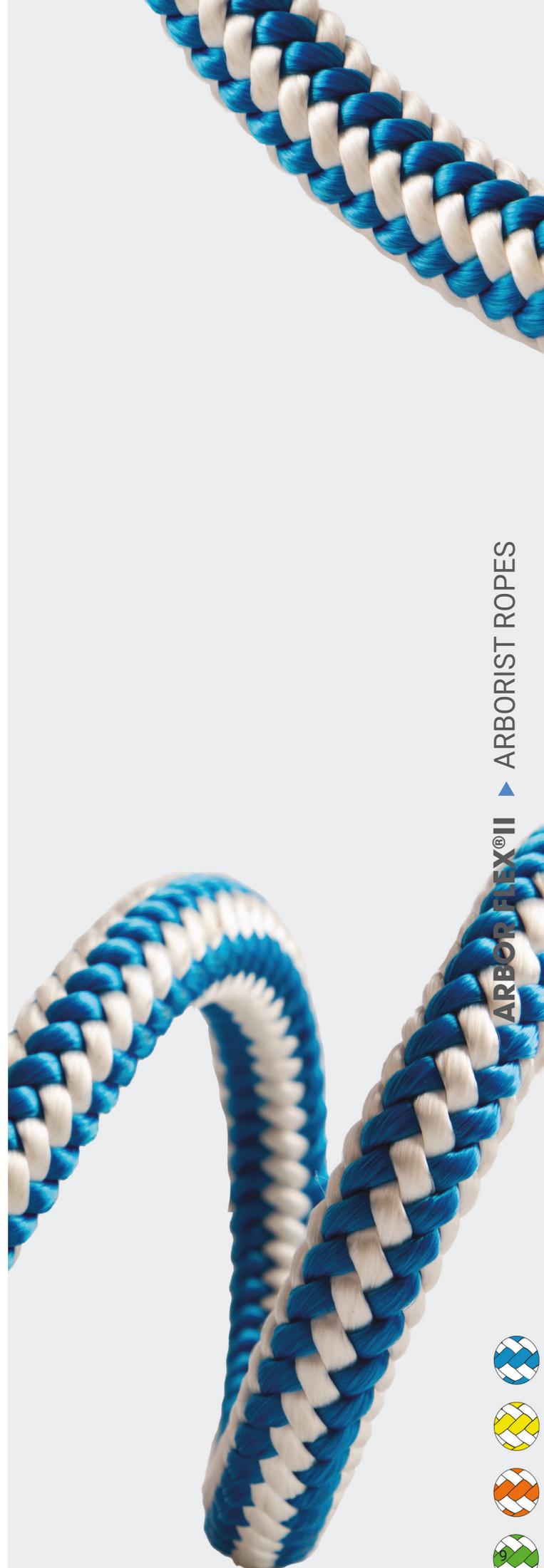
SPECIFICATIONS

Material	:	Cover: HT Polyester Fiber Core: HT Polyamide Fiber
Type	:	A
Specific Gravity	:	~ 1,31 kg/dm ³
Construction	:	Core: Parallel Braided Cover: 16 Plaited
UV Resistance	:	Excellent
Chemical Resistance	:	Good
Melting Point	:	256°C
Critical Temperature	:	170°C
Fiber Water Absorption	:	Approx. %2-3
Wet Abrasion	:	Good
Dry Abrasion	:	Good
Standard	:	-
Length	:	91 M-100 M-183 M-200 M Orange Spool

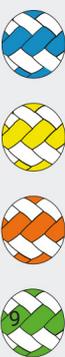
Other Colours on Request

DIA		Weight		Elongation	Cover	B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(50-150kg)	(%)	(lbs)	(kgf)
1/2"	12,7	7,85	11,68	%2,7	73	7.716	3.500

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)



ARBOR FLEX® II ▲ ARBORIST ROPES





PINE FLEX

APPLICATIONS

Rigging Line

BENEFITS / FEATURES

- Easy to Splice
- Good Grip
- Snag Resistant
- Easy to Inspect

SPECIFICATIONS

Material	:	100% HT Coated Polyester Fiber
Specific Gravity	:	~ 1,38 kg/dm ³
Construction	:	12 Strand Braided
UV Resistance	:	Excellent
Chemical Resistance	:	Good
Melting Point	:	256°C
Critical Temperature	:	170°C
Fiber Water Absorption	:	Approx. %1-2
Wet Abrasion	:	Very Good
Dry Abrasion	:	Very Good
Standard	:	-
Length	:	91 M-100 M-183 M-200 M Orange Spool

Other Colours on Request

DIA		Weight		B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(lbs)	(kgf)
5/16"	8	3,20	4,80	4.200	1.900
3/8"	9	4,30	6,40	5.500	2.500
7/16"	11	6,50	9,70	8.600	3.900
1/2"	12	9,20	13,70	11.800	5.300
5/8"	16	14,80	22,00	16.900	7.700
3/4"	18	17,70	26,30	22.300	10.100
7/8"	22	26,70	39,70	30.800	14.000
1"	24	34,70	51,60	40.100	18.200
1-1/4"	30	55,00	81,80	55.800	25.300

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)



PINE DUAL FLEX

APPLICATIONS

Rigging Line

BENEFITS / FEATURES

- Easy to Splice
- Good Grip
- Snag Resistant
- Easy to Inspect

SPECIFICATIONS

Material	:	100% HT Coated Polyester Fiber
Specific Gravity	:	~1,38 kg/dm ³
Construction	:	12 Strand Braided
UV Resistance	:	Excellent
Chemical Resistance	:	Good
Melting Point	:	256°C
Critical Temperature	:	170°C
Fiber Water Absorption	:	Approx. %1-2
Wet Abrasion	:	Very Good
Dry Abrasion	:	Very Good
Standard	:	-
Length	:	91 M-100 M-183 M-200 M Orange Spool

Other Colours on Request

DIA		Weight		B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(lbs)	(kgf)
5/16"	8	3,20	4,80	4.200	1.900
3/8"	9	4,30	6,40	5.500	2.500
7/16"	11	6,50	9,70	8.600	3.900
1/2"	12	9,20	13,70	11.800	5.300
5/8"	16	14,80	22,00	16.900	7.700
3/4"	18	17,70	26,30	22.300	10.100
7/8"	22	26,70	39,70	30.800	14.000
1"	24	34,70	51,60	40.100	18.200
1-1/4"	30	55,00	81,80	55.800	25.300

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)



PINE DUAL FLEX ▶ ARBORIST ROPES



LUPES® SWIFT MCF

APPLICATIONS

Rigging Line

BENEFITS / FEATURES

Does not Harden
Does not Kink
Soft Hand
Durable
Flexible Cover

This rugged, durable rigging line has a strong abrasion resistant cover, low stretch, good knotability and it can be spliced. Available in 8-24 diameters.

SPECIFICATIONS

Material	:	Cover: HT Coated Polyester Fiber Core: HT Polyester Fiber
Specific Gravity	:	~1,38 kg/dm ³
Construction	:	Core: 16 Plaited Cover: 16-20-24 Plaited
UV Resistance	:	Excellent
Chemical Resistance	:	Good
Melting Point	:	256°C
Critical Temperature	:	170°C
Elongation at Break	:	Approx. %15
Fiber Water Absorption	:	Approx. %1-2
Wet Abrasion	:	Very Good
Dry Abrasion	:	Very Good
Standard	:	-
Length	:	91 M-100 M-183 M-200 M Orange Spool

Other Colours on Request

DIA		Weight		B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(lbs)	(kgf)
5/16"	8	3,40	5,00	3.310	1.500
3/8"	9	4,70	7,00	5.290	2.400
7/16"	11	6,40	9,60	7.280	3.300
½"	12	8,60	12,80	9.920	4.500
9/16"	14	11,60	17,20	12.570	5.700
5/8"	16	14,70	21,80	15.430	7.000
¾"	18	18,90	28,10	19.180	8.700
7/8"	22	28,40	42,30	28.220	12.800
1"	24	35,70	53,10	37.040	16.800

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)



BRAVON SWIFT MCF

APPLICATIONS

Rigging Line

BENEFITS / FEATURES

Excellent Abrasion Resistance
 Good Grip
 Energy Absorption
 Water & Dirt Resistant

SPECIFICATIONS

Material : Cover: Coated HT Polyester Fiber
 Core: HT Polyamide Fiber
 Specific Gravity : 1,27-1,28 kg/dm³
 Construction : Cover: 20-24 Plaited
 Core: 16 Plaited
 UV Resistance : Excellent
 Chemical Resistance : Good
 Melting Point : 218°C-256°C
 Critical Temperature : 130°C
 Working Stretch : <20%
 Fiber Water Absorption : Approx. %1-2
 Wet Abrasion : Good
 Length : 91 M-100 M-183 M-200 M Orange Spool

Other Colours on Request

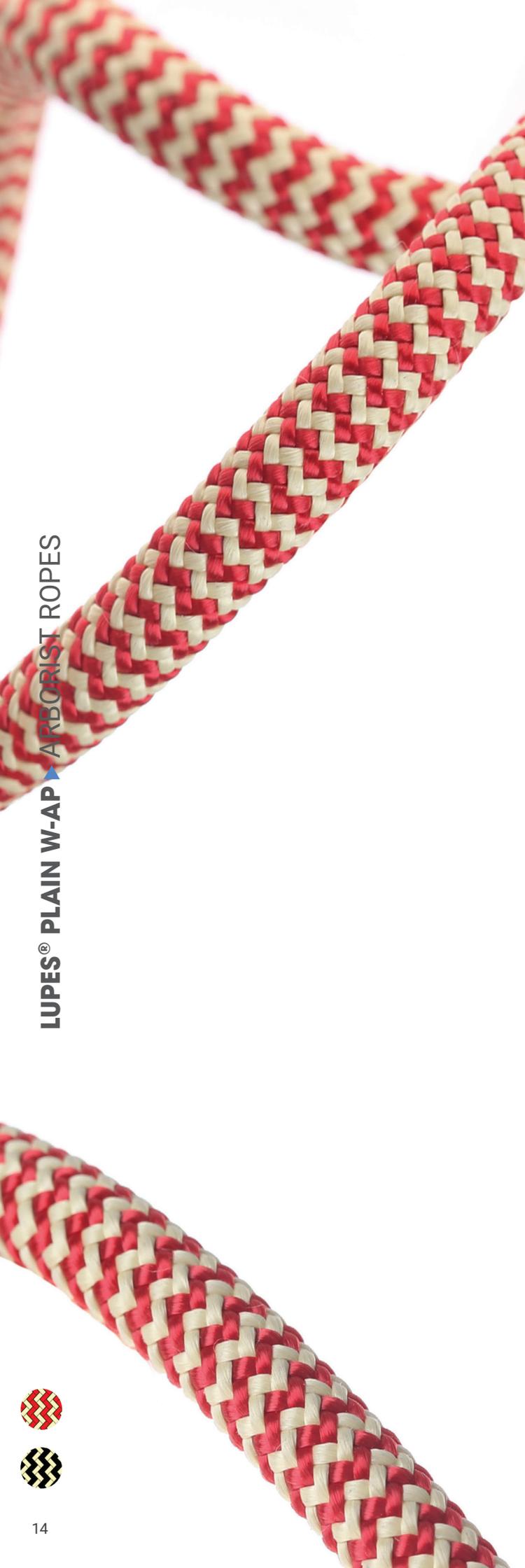
DIA		Weight		B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(lbs)	(kgf)
1/2"	12	8,00	11,90	9.900	4.500
9/16"	14	11,20	16,55	12.320	5.600
5/8"	16	13,70	20,30	13.420	6.100
3/4"	19	20,00	29,70	18.040	8.200

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)



BRAVON SWIFT MCF ▲ ARBORIST ROPES





LUPES® PLAIN W-AP ARBORIST ROPES

LUPES® PLAIN W-AP

APPLICATIONS

Hitch Cord
Accessory Cord

BENEFITS / FEATURES

Very Good Heat Resistance
Easy to Splice
Good Grip
Water & Dirt Resistant
(Thermo Protector Process)

The need for heat resistance and grip is perfectly attained by the Lupes® Eye-and-Eye. Available in 8 mm and 10,5mm diameters, the combined aramid and polyester sheath and polyester core, allow for just enough bite, but smooth decent.

SPECIFICATIONS

Material	:	Cover: %50 Twaron® Fiber %50 HT Polyester Fiber Core: HT Polyester Fiber
Specific Gravity	:	~1,40 kg/dm ³
Construction	:	Core: 12 Plaited Cover: 32 Plaited
UV Resistance	:	Poor
Chemical Resistance	:	Excellent
Melting Point	:	256°C
Critical Temperature	:	170°C
Fiber Water Absorption	:	Approx. %2-3
Wet Abrasion	:	Very Good
Dry Abrasion	:	Very Good
Standard	:	EN 564 (Only Applies to 8 mm)
Length	:	91 M-100 M-183 M-200 M Orange Spool

Other Colours on Request

DIA		Weight		Cover	B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(%)	(lbs)	(kgf)
5/16"	8	3,52	5,25	53	4.526	2.053
13/32"	10,5	5,55	8,25	45	6.587	2.988

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)



Twaron

FORCE K[®] THROWLINE

APPLICATIONS

Throw Line

BENEFITS / FEATURES

- Superior Abrasion Resistance
- Buoyant
- Durable
- Very Low Stretch
- Lightweight
- Easy to Splice
- Does not Kink

This lightweight 2 mm 12 strand UHMWPE throwline has low stretch and is coated for smooth movement over rough bark.

This hollow-braid is easily spliced and available in hi-vis yellow.

SPECIFICATIONS

Material	: Coated UHMWPE Fiber
Specific Gravity	: 0,97 kg/dm ³
Construction	: 12 Strand Braided
UV Resistance	: Excellent
Chemical Resistance	: Excellent
Melting Point	: 147°C
Critical Temperature	: 65°C
Working Strerch	: <1,5%
Fiber Water Absorption	: None
Wet Abrasion	: Excellent
Dry Abrasion	: Excellent
Standard	: -
Length	: 91 M-100 M-183 M-200 M Orange Spool

Other Colours on Request

DIA		Weight		B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(lbs)	(kgf)
5/64"	2	0,77	0,25	888	404

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)



FORCE K[®] THROWLINE ▴ ARBORIST ROPES



FORCE K[®] MAX

APPLICATIONS

Towing Line
Winch Line

BENEFITS / FEATURES

Superior Abrasion Resistance
Buoyant
Durable
Very Low Stretch
Lightweight
Easy to Splice
Does not Kink

SPECIFICATIONS

Material	: Coated UHMWPE Fiber
Specific Gravity	: 0,97 kg/dm ³
Construction	: 12 Strand Braided
UV Resistance	: Excellent
Chemical Resistance	: Excellent
Melting Point	: 147°C
Critical Temperature	: 65°C
Working Stretch	: <1,5%
Fiber Water Absorption	: None
Wet Abrasion	: Excellent
Dry Abrasion	: Excellent
Standard	: ISO 10325
Length	: 91 M-100 M-183 M-200 M Orange Spool

Other Colours on Request

DIA		Weight		B. Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(lbs)	(kgf)
1/4"	6	1,55	2,30	8.976	4.080
5/16"	8	2,69	4,00	15.477	7.035
3/8"	10	4,10	6,10	23.562	10.710
1/2"	12	5,85	8,70	33.660	15.300
9/16"	14	7,86	11,70	44.880	20.400
5/8"	16	10,15	15,10	57.222	26.010
3/4"	18	12,77	19,00	70.686	32.130

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)



FORCE K[®] MAX EXTREME

APPLICATIONS

Vessel Primary Mooring Line
 General Working Line
 Tug Pendant
 Tug Main Tow Line
 Tug Messenger Line
 Davit Rope
 ETS Rope
 Lifting Sling (Static)

BENEFITS / FEATURES

Superior Abrasion Resistance
 Superior Breaking Load
 Buoyant
 Durable
 Extremely Low Stretch
 Lightweight
 Easy to Splice
 Does not Kink

SPECIFICATIONS

Material : Coated UHMWPE Fiber
 Specific Gravity : 0,97 kg/dm³
 Construction : 12 Strand Braided
 UV Resistance : Excellent
 Chemical Resistance : Excellent
 Melting Point : 147°C
 Critical Temperature : 65°C
 Working Stretch : <1,5%
 Fiber Water Absorption : None
 Wet Abrasion : Excellent
 Dry Abrasion : Excellent
 Standard : EN ISO 10325
 Length : Upon Request

* Other Colours & Larger Diameters Upon Request

DIA		Weight		B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(lbs)	(kgf)
1/4"	6	1,55	2,30	8.976	4.080
5/16"	8	2,69	4,00	15.477	7.035
3/8"	10	4,10	6,10	23.562	10.710
1/2"	12	5,85	8,70	33.660	15.300
9/16"	14	7,86	11,70	44.880	20.400
5/8"	16	10,15	15,10	57.222	26.010
3/4"	18	12,77	19,00	70.686	32.130

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)



FORCE K[®] MAX EXTREME ▲ ARBORIST ROPES





STORM H PRO® MIX TP

APPLICATIONS

Hitch Cord
Accessory Cord

BENEFITS / FEATURES

Excellent Breaking Load
Very Good Heat Resistance
Low Stretch
Easy to Splice

Storm H Pro® Mix TP is a blended cover of aramid and polyester with HMPE core providing heat resistance and very low stretch. The supple cover offers the grip you are looking for in an eye-and-eye configuration that will last. Available in 8 mm and 10 mm in the configuration you are looking for.

SPECIFICATIONS

Material	:	Cover: 50% Technora® Fiber %50 HT Polyester Fiber Core: Coated UHMWPE Fiber
Specific Gravity	:	~0,99-1,20 kg/dm ³
Construction	:	Core: 12 Plaited Cover: 24 Plaited
UV Resistance	:	Sufficient
Chemical Resistance	:	Excellent
Melting Point	:	147-256°C
Critical Temperature	:	65°C
Working Temperature	:	< 1,5%
Fiber Water Absorption	:	Approx. %1-2
Wet Abrasion	:	Excellent
Dry Abrasion	:	Excellent
Standard	:	-
Length	:	91 M-100 M-183 M-200 M Orange Spool

Other Colours on Request

DIA		Weight		Cover	B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(%)	(lbs)	(kgf)
5/16"	8	2,92	4,35	59	7.920	3.600
3/8"	10	4,37	6,50	56	12.430	5.650

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)

STORM H PRO® MIX TP ▴ ARBORIST ROPES



Technora®

LUPES® TWIST TOUGH

APPLICATIONS

Climbing Line

BENEFITS / FEATURES

Easy Handling/Flexibility
Firm Construction
Low Stretch
Retains Shape with use
Water & Dirt Resistant
(Thermo Protector Process)

SPECIFICATIONS

Material	:	100% HT Polyester Fiber
Specific Gravity	:	~ 1,38 kg/dm ³
Construction	:	3 Strand Braided
UV Resistance	:	Excellent
Chemical Resistance	:	Good
Melting Point	:	256°C
Critical Temperature	:	170°C
Fiber Water Absorption	:	Approx. %1-2
Wet Abrasion	:	Good
Dry Abrasion	:	Good
Standard	:	-
Length	:	91 M-100 M-183 M-200 M Orange Spool

Other Colours on Request

DIA		Weight		B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(lbs)	(kgf)
1/2"	13	8,60	12,80	6.600	3.000
5/8"	16	7,80	11,60	9.526	4.330

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)



LUPES® TWIST TOUGH ▲ ARBORIST ROPES

PHOENIX HDG WIRE

APPLICATIONS

Climbing Line
Flipline

BENEFITS / FEATURES

Ultra Low-Stretch
Rigid
Lightweight

SPECIFICATIONS

Material	:	Cover: HT Polyester Fiber Core: HDG Steel Wire
Construction	:	Cover: 12 Strand Plaited Core: 6x19 + IWRC
UV Resistance	:	Excellent
Chemical Resistance	:	Good
Melting Point	:	256°C
Critical Temperature	:	170°C
Fiber Water Absorption	:	Approx. %1-2
Wet Abrasion	:	Good
Dry Abrasion	:	Good
Length	:	100-200 M Plastic/Wooden Spool or Coil

Other Colours on Request

DIA		Weight		Cover	B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(%)	(lbs)	(kgf)
5/16"	12,2	2,92	4,35	59	7.920	3.600

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)



APPLICATIONS

Tree Climbing Rope

BENEFITS / FEATURES

Easy Handling/Flexibility
 Minimum Sheath Slippage
 Great Abrasion Resistance
 Water & Dirt Resistant
 (Thermo Protector Process)

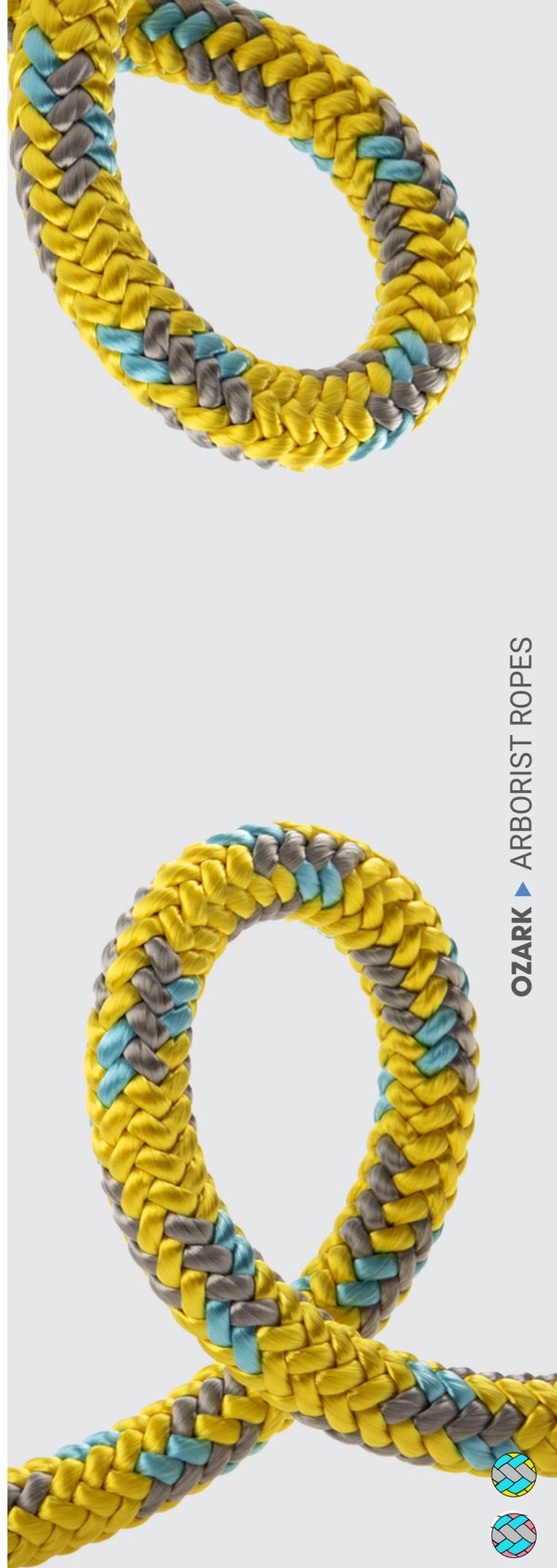
SPECIFICATIONS

Material	:	Cover: HT Polyamide Fiber Core: HT Polyamide Fiber
Type	:	A
Specific Gravity	:	~ 1,31 kg/dm ³
Construction	:	Cover: 16 Plaited Core: Parallel Braided
UV Resistance	:	Excellent
Chemical Resistance	:	Good
Melting Point	:	256°C
Critical Temperature	:	170°C
Fiber Water Absorption	:	Approx. %2-3
Wet Abrasion	:	Good
Dry Abrasion	:	Good
Standard	:	-
Length	:	91 M-100 M-183 M-200 M Orange Spool

Other Colours on Request

DIA		Weight		Elongation	Cover	B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(50-150kg)	(%)	(lbs)	(kgf)
1/2"	12,1	7,00	10,30	%2,4	67	6.820	3.100

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)



LUPA® STATIC MAX

APPLICATIONS

Rope Access
 Ascending / Descending
 Rescue Line
 Work Positioning
 Safety Line
 Rigging Line

BENEFITS / FEATURES

Low Stretch
 Tight Jacket
 Excellent Hand Grip
 Water & Dirt Resistant
 (Thermo Protector Process)

Engineered for precision and durability, our kernmantle rope offers low stretch for maximum control. The tightly braided jacket enhances handling and provides superior abrasion resistance. Counting the tracer threads in the rope sheath indicates the rope diameter, allowing for quick and easy identification in the field. It conforms to EN 1891 Type A standard, ensuring reliable performance.

SPECIFICATIONS

Material	:	Cover: HT Polyamide Fiber Core: HT Polyamide Fiber
Type	:	A
Specific Gravity	:	~1,14 kg/dm ³
Construction	:	Cover: 48 Plaited Core: Parallel Braided
UV Resistance	:	Very Good
Chemical Resistance	:	Good
Melting Point	:	218°C
Critical Temperature	:	130°C
Fiber Water Absorption	:	Approx. %3-4
Wet Abrasion	:	Sufficient
Dry Abrasion	:	Good
Standard	:	EN 1891
Length	:	91 M-100 M-183 M-200 M Orange Spool

Other Colours on Request

DIA		Weight		Elongation	Cover	B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(50-150kg)	(%)	(lbs)	(kgf)
13/32"	10,5	4,70	6,90	%2,0	36	7.790	3.540
7/16"	11	5,30	7,80	%2,2	43	8.420	3.825
1/2"	12	6,20	9,20	%2,5	35	9.110	4.140
17/32"	13	7,20	10,70	%1,9	36	10.430	4.740
5/8"	15	9,40	13,87	%1,8	27	13.860	6.300

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)



LUPA® STATIC SPARTAN

APPLICATIONS

Rope Access
 Ascending / Descending
 Rescue Line
 Work Positioning
 Safety Line
 Rigging Line

BENEFITS / FEATURES

Low Stretch
 Tight Jacket
 Excellent Hand Grip
 Water & Dirt Resistant
 (Thermo Protecder Process)

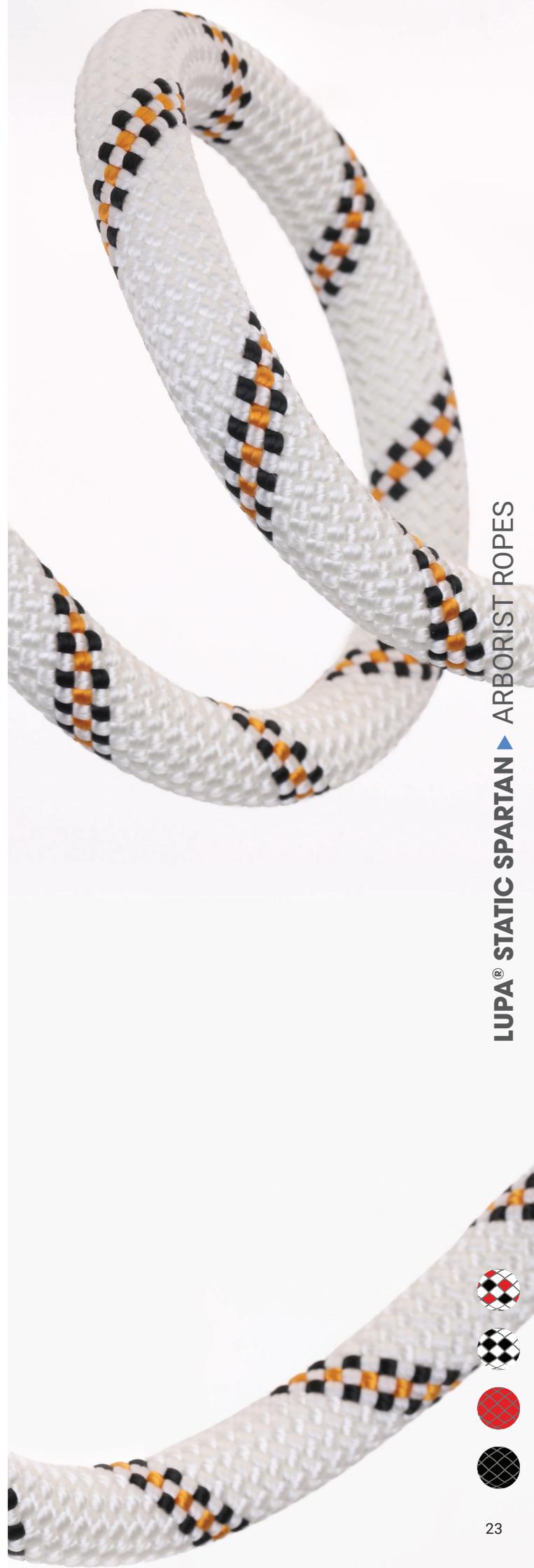
SPECIFICATIONS

Material : Cover: HT Polyamide Fiber
 Core: HT Polyamide Fiber
 Type : A
 Specific Gravity : ~1,14 kg/dm³
 Construction : Cover: 40 Plaited
 Core: Parallel Braided
 UV Resistance : Excellent
 Chemical Resistance : Good
 Melting Point : 218°C
 Critical Temperature : 130°C
 Fiber Water Absorption : Approx. %2-3
 Wet Abrasion : Sufficient
 Dry Abrasion : Good
 Standard : EN 1891
 Length : 100-200 M Orange Spool

Other Colours on Request

DIA		Weight		Elongation	Cover	B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(50-150kg)	(%)	(lbs)	(kgf)
7/16"	11	5,00	7,40	%3,0	35	7.460	3.390

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)



LUPA® STATIC SPARTAN ▶ ARBORIST ROPES





TWILIGHT STATIC

APPLICATIONS

SRT Climbing Line
(Single Rope Technique)

BENEFITS / FEATURES

Ultra Low-Stretch
Tight Jacket
SRT Ascent
Water & Dirt Resistant
(Thermo Protector Process)

SPECIFICATIONS

Material	:	Cover: HT Polyester Fiber Core: HT Polyamide Fiber
Type	:	A
Specific Gravity	:	~1,26 kg/dm ³
Construction	:	Core: Parallel Braided Cover: 32-40 Plaited
UV Resistance	:	Excellent
Chemical Resistance	:	Good
Melting Point	:	256°C
Critical Temperature	:	170°C
Fiber Water Absorption	:	Approx. %2-3
Wet Abrasion	:	Good
Dry Abrasion	:	Good
Standard	:	-
Length	:	91 M-100 M-183 M-200 M Orange Spool

Other Colours on Request

DIA		Weight		Elongation	Cover	B.Load	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(50-150kg)	(%)	(lbs)	(kgf)
3/8"	9,8	4,60	6,80	%3,2	38	5.910	2.686
13/32"	10,6	5,40	7,90	%2,8	41	6.200	2.815
7/16"	11	5,60	8,30	%2,5	39	6.490	2.950

* Unspliced Break Load (All Tests are in Accordance with ISO 2307)

STANDARDS OF ROPES

EN ISO 9554	Fibre Ropes - General Specifications
EN ISO 1968	Fibre Ropes and Cordage - Vocabulary
EN ISO 2307	Fibre Ropes - Determination of Certain Physical and Mechanical Properties
EN ISO 1140	Fibre Ropes - Polyamide - 3, - 4 and - 8 Strand Ropes
EN ISO 1141	Fibre Ropes - Polyester - 3, - 4 and - 8 Strand Ropes
EN ISO 1346	Fibre Ropes - Polypropylene - 3, - 4 and - 8 Strand Ropes
EN ISO 1181	Fibre Ropes - Manila and Sisal - 3, - 4 and - 8 Strand Ropes
ISO 10547	Polyester Fibre Ropes - Double Braid Construction
ISO 10554	Polyamide Fibre Ropes - Double Braid Construction
ISO 10572	Mixed Polyolef in Fibre Ropes
ISO 10325	Fibres Ropes - High Modulus Polyethylene - 8 Strand Braided Ropes, 12 Strand Braided Ropes and Covered Ropes
ISO 10556	Fibres Ropes of Polyester/Polyolef in Dual Fibres
EN 1891	Personel Protective Equipment for The Prevention of Falls From A Height - Low Stretch Kernmantel Ropes
EN 892	Mountaineering Equipment - Dynamic Mountaineering Ropes - Safety Requirements and Test Methods
EN 564	Mountaineering Equipment - Accessory Cord - Safety Requirements and Test Methods

STANDARDS OF ROPES

MIL-DTL 24050E	Polyamide Fibre Ropes - Double Braid Construction
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STANDARDS OF SLINGS

EN 1492-1+A1	Textile Slings - Safety - Part 1: Flat Woven Webbing Slings, Made of Man - Made Fibers for General Purpose Use
EN 1492-2+A1	Textile Slings - Safety - Part 2: Roundslings, Made of Man - Made Fibers for General Purpose Use

QUALITY - TESTING

Kaya Ropes manufactures all kinds of ropes with technical specifications that are suitable for all kind of conditions & ropes made for a specific field with international quality certifications also offering a wide range of construction type and raw materials for every field where the safety of human life and property is of prime concern.

For certain type of products, Kaya Ropes has the type approval and inspection certificates from Turk Loydu. Additionally, Kaya Ropes offers inspection certificates from DNV and Bureau Veritas upon special request from their clients.







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