







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/dm³

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 : EN 1891

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

Other Colours on Request

С	OIA	Weight		Elongation	Cover	B.Lo	oad
(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



HURACAN STATIC®

APPLICATIONS

BENEFITS / FEATURES

Climbing Line

Works with Hardware
Easy Handling/Flexibility

Excellent Knot-Holding Capability

Easy to Splice
Great for Footlocking
Water & Dirt Resistant
(Thermo Protector Process)

Huracan Static® rope provides a 24 strand cover and low stretch for perfect pairing with mechanical devices. This 11,5 mm diameter option delivers a firm yet flexible feel, yet stays round under load and offers abrasion resistance. Excellent knot-holding capability along with splicing options make Huracan Static® a great climbing rope option.

SPECIFICATIONS

Material : Cover: HT Polyester Fiber

Core: HT Polyamide Fiber

Type : A

Specific Gravity : $\sim 1,26 \text{ kg/dm}^3$ 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 : EN 1891

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

Other Colours on Request

DIA		Wei	Weight		Cover	B.Load			
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(50-150kg)	(%)	(lbs)	(kgf)		
7/16"	11,5	6,18	9,20	%2,0	57	6.800	3.084		
مطاله	All manifood Brook Load (All Toots are in Asserdance with ICO 2207)								







ASPEN STATIC®

APPLICATIONS

SRT Climbing Line (Single Rope Technique)

BENEFITS / FEATURES

Ultra Low-Stretch Tight Jacket SRT Ascent

Water & Dirt Resistant (Thermo Protector Process)

Similar to Horizon Static *this 11,7 mm static climbing line will provide the perfect diameter for the climber looking for smooth descents and retrieval with multiple redirects with very little effort. This 32 strand kernmantle rope has very low stretch and a thicker cover for reduced wear.

SPECIFICATIONS

Material : Cover: HT Polyester Fiber

Core: HT Polyamide Fiber

Type : A

Specific Gravity : $\sim 1,26 \text{ kg/dm}^3$

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 : EN 1891

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

DIA		Weight		Elongation	Cover	B.Load			
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(50-150kg)	(%)	(lbs)	(kgf)		
15/32"	11,7	7,12	10,60	%1,0	55	7.344	3.331		
*Uns	*Unspliced Break Load (All Tests are in Accordance with ISO 2307)								



THUNDER STATIC®

APPLICATIONS

BENEFITS / FEATURES

Climbing Line Static Rappelling Line Safety Lifeline High Heat Applications 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® Fiber

Core: HT Polyamide Fiber

Type : A

Specific Gravity : ~1,26 kg/dm³

Construction : Core: Parallel Braided

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

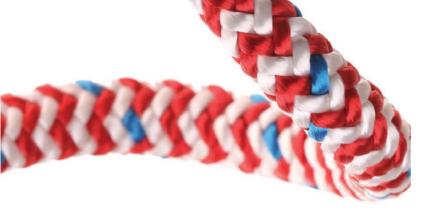
Length : 91 M-100 M-183 M-200 M Orange Spool

Other Colours on Request

DI	A	Weight		Elongation	Cover	B.L	oad	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(50-150kg)	(%)	(lbs)	(kgf)	
3/8"	9,5	3,89	5,80	%3,3	53	6.784	3.077	
7/16"	11	5,81	8,65	%1,3	45	8.563	3.884	







ARBOR FLEX®

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 : ~1,34 kg/dm³

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 : EN 1891

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

D	IA	Weight		Elongation	Cover	B.L	oad	
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(50-150kg)	(%)	(lbs)	(kgf)	
1/2"	12,7	7,82	11,65	%2,7	77	5.760	2.613	
*Uns	*Unspliced Break Load (All Tests are in Accordance with ISO 2307)							



RIG FLEX®

APPLICATIONS

BENEFITS / FEATURES

Climbing Line Easy Handling/Flexibility Rigging Line Firm Construction

Low Stretch

Retains Shape with use Water & Dirt Resistant (Thermo Protector Process)

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

SPECIFICATIONS

100% HT Polyester Fiber Material

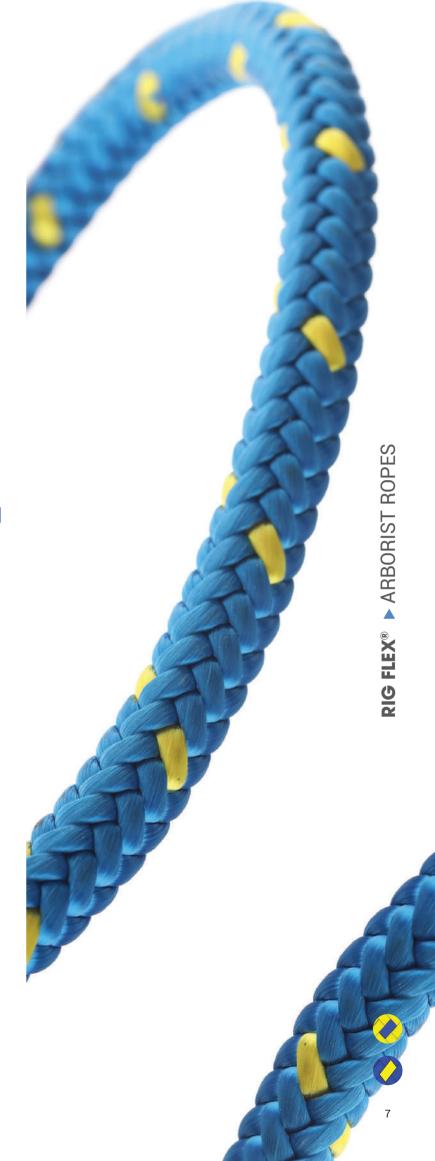
Specific Gravity ~1,38 kg/dm³ 12 Strand Braided Construction

UV Resistance Excellent Chemical Resistance Good Melting Point 256°C Critical Temperature 170°C Approx. %1-2 Fiber Water Absorption :

Wet Abrasion Good Dry Abrasion Good Standard

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

D	DIA Weight			B.Load				
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(Ibs)	(kgf)			
1/2"	12,7	8,13	12,10	4.189	1.900			
*Uns	*Unspliced Break Load (All Tests are in Accordance with ISO 2307)							







LUPES® PLAIN W-AP

APPLICATIONS

BENEFITS / FEATURES

Hitch Cord Accessory Cord 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 10,5 mm diameters, the combined aramid and polyester sheath and polyester core, allow for just enough bite, but smooth decent.

SPECIFICATIONS

Material : Cover: %50 Twaron® Fiber

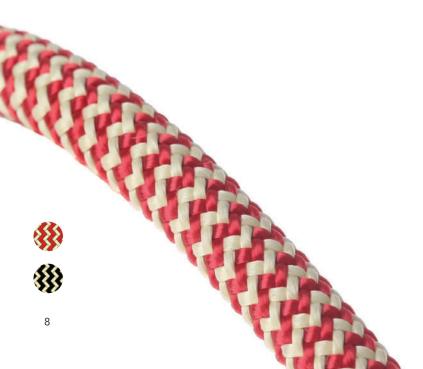
%50 HT Polyester Fiber Core: HT Polyester Fiber

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

DI	A	Weight		Cover	B.L	oad		
(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		
+l Inci	*Unenliced Break Load (All Tests are in Accordance with ISO 2307)							





STORM H PRO® MIX TP

APPLICATIONS

BENEFITS / FEATURES

Hitch Cord Accessory Cord 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

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

DI	A	Weight		Cover	В	.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	

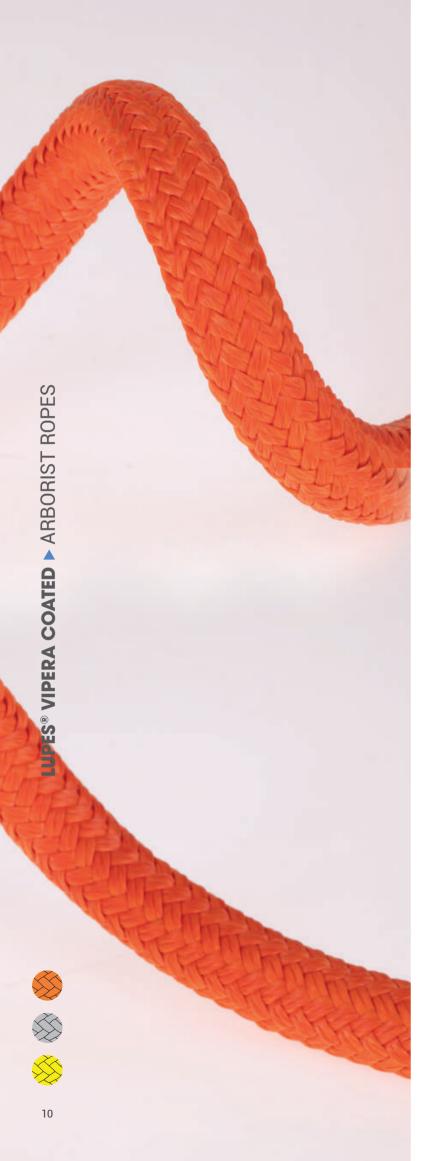












LUPES® VIPERA COATED

APPLICATIONS

BENEFITS / FEATURES

Rigging Line

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/dm³ 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		Wei	ght	B.Load		
(Inch)	(mm)	(lbs/100ft)	(lbs/100ft) (kg/100m)		(kgf)	
5/16"	8	3,36	5,00	2.904	1.320	
3/8"	10	5,17	7,70	4.510	2.050	
1/2"	12	7,59	11,30	6.380	2.900	
9/16"	14	10,21	15,20	8.602	3.910	
5/8"	16	13,37	19,90	11.154	5.070	
3/4"	18	17,14	25,50	14.014	6.370	
13/16"	20	21,00	31,25	17.160	7.800	
7/8"	22	25,43	37,85	20.636	9.380	
1"	24	30,12	44,85	24.442	11.110	



LUPEX® ROUND

APPLICATIONS

BENEFITS / FEATURES

Rigging Line

Easy to Splice Good Grip Snag Resistant Easy to Inspect

SPECIFICATIONS

Material : 100% HT Coated Polyester Fiber

Specific Gravity : ~1,38 kg/dm³
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		Wei	ght	B.Load		
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(Ibs)	(kgf)	
5/16"	8	3,26	4,85	4.200	1.900	
3/8"	9	4,13	6,15	5.500	2.500	
7/16"	11	6,55	9,75	8.600	3.900	
1/2"	12	9,14	13,60	11.800	5.300	
5/8"	16	14,58	21,70	16.900	7.700	
3/4"	18	17,40	25,90	22.300	10.100	
7/8"	22	26,11	38,85	30.800	14.000	
1"	24	33,93	50,50	40.100	18.200	
1-1/4"	30	54,83	81,60	55.800	25.300	







FORCE K® THROWLINE > ARBORIST ROPES 12

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/dm³ 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		Wei	ght	B.Load		
(Inch)	(mm)	(lbs/100ft)	(kg/100m)	(lbs)	(kgf)	
5/64"	2	0,77	0,25	888	404	



FORCE K[®]

APPLICATIONS

BENEFITS / FEATURES

Superior Abrasion Resistance

Towing Line Winch Line

Buoyant

Durable

Very Low Stretch Lightweight Easy to Splice Does not Kink

SPECIFICATIONS

Material : Coated UHMWPE Fiber

Specific Gravity : 0,97 kg/dm³ Construction : 12 Strand Braided

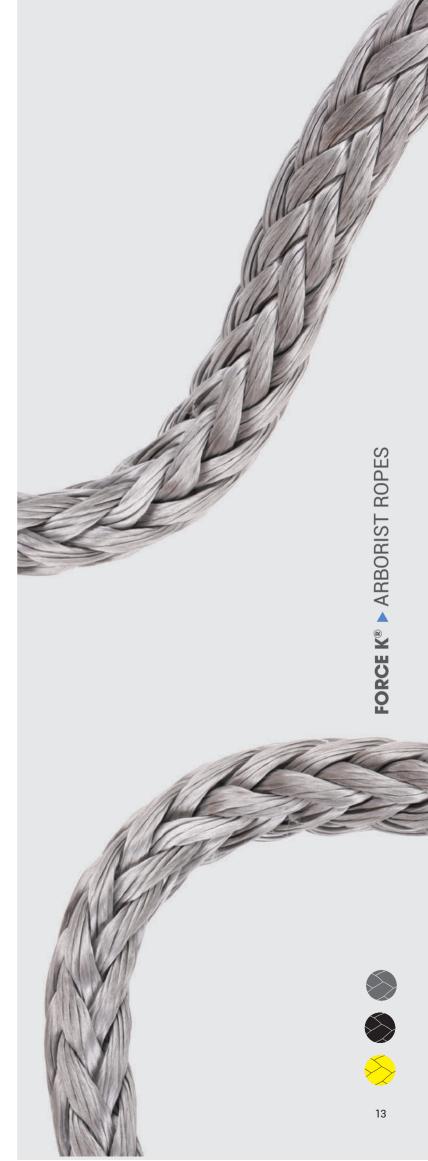
UV Resistance : Excellent Chemical Resistance : Excellent Melting Point : 147°C Critical Temperature : 65°C Working Stretch : <1,5% Fiber Water Absorption : None Wet Abrasion : Excellent Dry Abrasion : Excellent

Standard : -

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

Other Colours on Request

DI	IA	Weight		B.L	oad
(Inch)	(mm)	(lbs/100ft)	(lbs/100ft) (kg/100m)		(kgf)
1/4"	6	1,55	2,30	7.838	3.563
5/16"	8	2,69	4,00	13.794	6.270
3/8"	10	4,10	6,10	21.736	9.880
1/2"	12	5,85	8,70	31.350	14.250
9/16"	14	7,86	11,70	42.636	19.380
5/8"	16	10,15	15,10	55.427	25.194
3/4"	18	12,77	19,00	66.086	30.039





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	Fiber 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

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 - TEST

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-GL and Bureau Veritas upon special request from their clients.



































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