



KAYA
ADVENTURE

PRODUCT CATALOGUE

2024 | ENG





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 is now preparing to celebrate its 40th year of operation. 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.

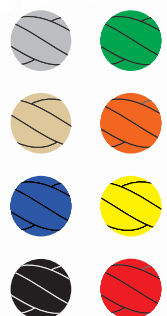
Mission Statement;

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 ROPES KAYA TRAINING KAYA SAFETY KAYA CONSTRUCTION KAYA LIFTING KAYA DEFENCE
KAYA ADVENTURE KAYA SPORT KAYA CONSULTING KAYA RESCUE KAYA ARCHITECTURE KAYA NATURAL



LUPES® PG+FC

APPLICATIONS

Climbing Nets
Fencing

BENEFITS / FEATURES

Good Grip
Gentle on Hands
Good Wear Resistance

As an alternative, PG Ropes are offered in a **glued version** where the yarns of each strand are glued to the steel wire. This option is used mainly **against vandalism** thanks to the increased integrity of the strands even in localised damages and cuts.

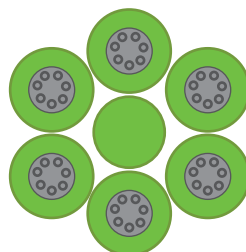
SPECIFICATIONS

Material	:	HT Polyester Fiber & Galvanized Steel Fiber
Construction	:	6 Strand Plaited + Fiber Core (FC)
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	:	250-500 m Wooden Spool

Other Colours on Request

ROPE DIA (mm)	Construction	Wire DIA (mm)	Core (FC)	Weight (kg/m)	Min. B.Load (Kgf)
16	6x7	2,6 (1x7)	6,5 RR PES	0,37	3.250
18	6x9	3,5 (1x9)	6,5 RR PES	0,45	4.250
20	6x9	3,5 (1x9)	8,0 RR PES	0,50	5.200

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



LUPES® PG+IWRC

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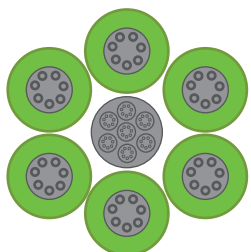
SPECIFICATIONS

Material	: HT Polyester Fiber & Galvanized Steel Fiber
Construction	: 6 Strand Plaited + Steel Core (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
Standard	: -
Length	: 250-500 m Wooden Spool

Other Colours on Request

ROPE DIA (mm)	Construction	Wire DIA (mm)	Core (IWRC)	Weight (kg/m)	Min. B.Load (Kgf)
16	6x7	2,6 (1x7)	6,0 (7x7)	0,42	5.250
18	6x9	3,5 (1x9)	6,0 (7x7)	0,50	6.500
20	6x9	3,5 (1x9)	8,0 (7x7)	0,59	8.250

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



LUPES® PLAYGROUND+IWRC ▲ ADVENTURE ROPES

LUPES® PG 3D+FC

APPLICATIONS

Climbing Nets
Fencing

BENEFITS / FEATURES

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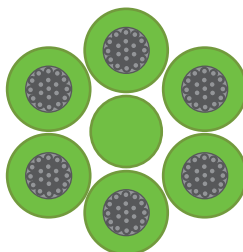
SPECIFICATIONS

Material	: HT Polyester Fiber & Galvanized Steel Fiber
Construction	: 6 Strand Plaited + Fiber Core (FC)
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	: 250-500 m Wooden Spool

Other Colours on Request

ROPE DIA (mm)	Construction	Wire DIA (mm)	Core (FC)	Weight (kg/m)	Min. B.Load (Kgf)
16	6x19	2,6 (1x19)	6,5 RR PES	0,36	3.250
18	6x19	3,5 (1x19)	6,5 RR PES	0,44	4.250
20	6x19	3,5 (1x19)	8,0 RR PES	0,49	5.200

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



LUPES® PG 3D+IWRC

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Fencing

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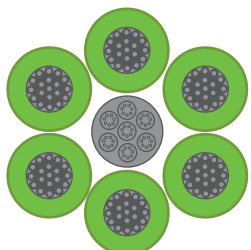
SPECIFICATIONS

Material	:	HT Polyester Fiber & Galvanized Steel Fiber
Construction	:	6 Strand Plaited + Steel Core (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
Standard	:	-
Length	:	250-500 m Wooden Spool

Other Colours on Request

ROPE DIA (mm)	Construction	Wire DIA (mm)	Core (IWRC)	Weight (kg/m)	Min. B.Load (Kgf)
16	6x19	2,6 (1x19)	6,0 (7x7)	0,41	5.250
18	6x19	3,5 (1x19)	6,0 (7x7)	0,49	6.500
20	6x19	3,5 (1x19)	8,0 (7x7)	0,58	8.250

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



LUPES® PLAYGROUND 3D+IWRC ▲ ADVENTURE ROPES



LUPES® PG PR 3D+FC

APPLICATIONS

Climbing Nets
Fencing

BENEFITS / FEATURES

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Excellent Wear Resistance

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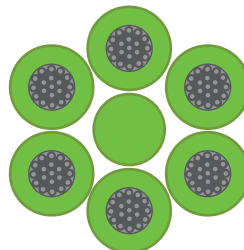
SPECIFICATIONS

Material	: HT Polyester Fiber & Galvanized Steel Fiber
Construction	: 6 Strand Plaited + Fiber Core (FC)
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	: 250-500 m Wooden Spool

Other Colours on Request

ROPE DIA (mm)	Construction	Wire DIA (mm)	Core (FC)	Weight (kg/m)	Min. B.Load (Kgf)
16	6x19	2,4 (1x19)	6,5 RR PES	0,37	3.250
18	6x19	3,5 (1x19)	6,5 RR PES	0,45	4.250
20	6x19	3,5 (1x19)	8,0 RR PES	0,50	5.200

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



LUPES® PG PR 3D+IWRC

APPLICATIONS

Climbing Nets
Fencing

BENEFITS / FEATURES

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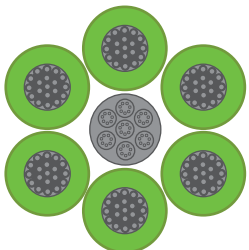
SPECIFICATIONS

Material	: HT Polyester Fiber & Galvanized Steel Fiber
Construction	: 6 Strand Plaited + Steel Core (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
Standard	: -
Length	: 250-500 m Wooden Spool

Other Colours on Request

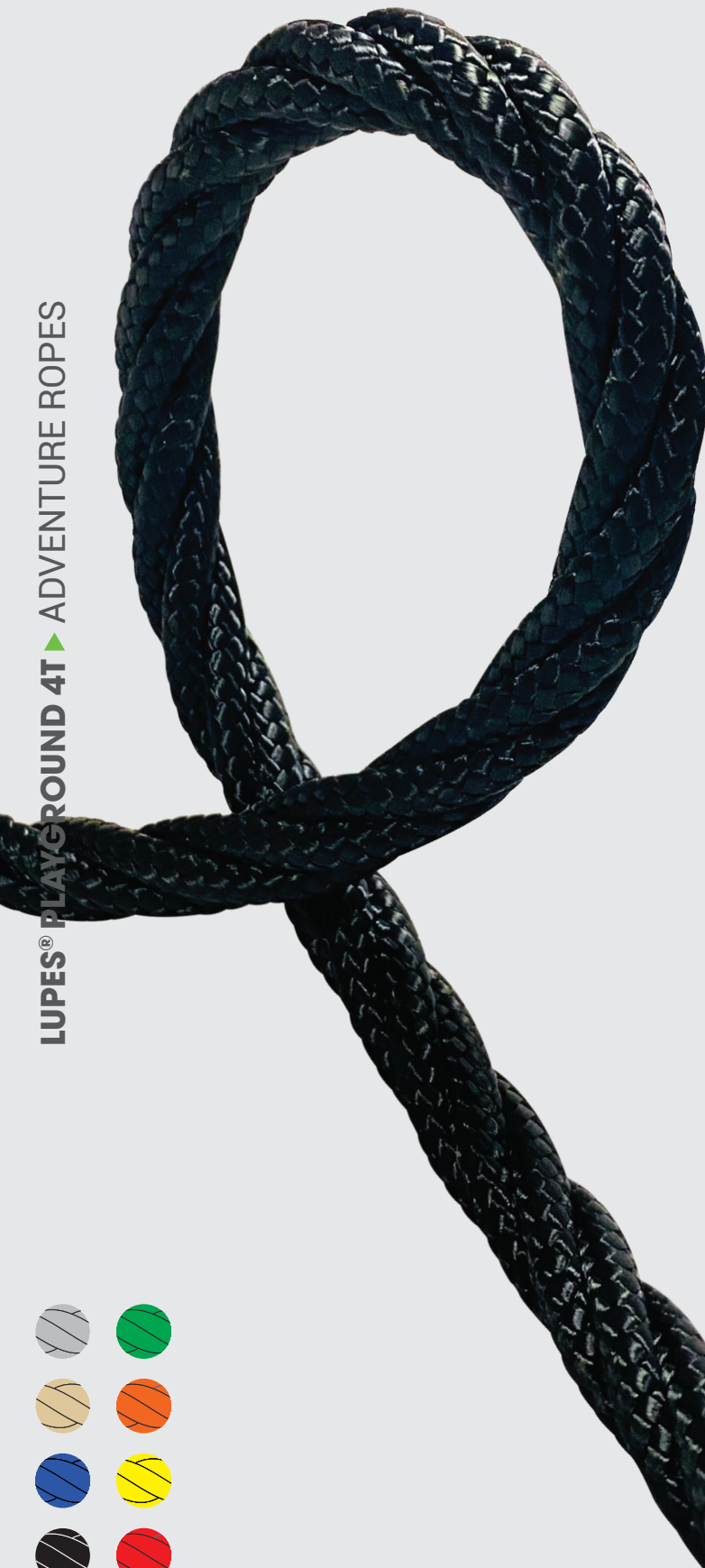
ROPE DIA (mm)	Construction	Wire DIA (mm)	Core (IWRC)	Weight (kg/m)	Min. B.Load (Kgf)
16	6x19	2,4 (1x19)	6,0 (7x7)	0,41	5.250
18	6x19	3,5 (1x19)	6,0 (7x7)	0,51	6.500
20	6x19	3,5 (1x19)	8,0 (7x7)	0,60	8.250

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



LUPES® PLAYGROUND PREMIER 3D+IWRC ADVENTURE ROPES





LUPES® PG 4T

APPLICATIONS

Joy Ring

BENEFITS / FEATURES

- Flexible
- Good Grip
- Gentle on Hands
- Good Wear Resistance

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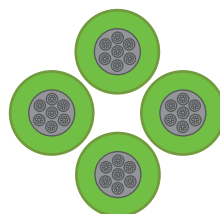
SPECIFICATIONS

Material	:	HT Polyester Fiber & Galvanized Steel Fiber
Construction	:	4 Strand Plaited
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	:	250-500 m Wooden Spool

Other Colours on Request

ROPE DIA (mm)	Construction	Wire DIA (mm)	Core (FC)	Weight (kg/m)	Min. B.Load (Kgf)
14	4x7	2,0 (7x7)	-	0,30	3.000

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







LUPES® TWIST

APPLICATIONS

Bridges
Fencing
Climbing Line

BENEFITS / FEATURES

Does not Harden
Soft Hand
Durable
High Breaking Load
Easy to Splice
Excellent Abrasion Resistance

SPECIFICATIONS

Material	:	100% HT Polyester Fiber
Type	:	A
Specific Gravity	:	1,38 kg/dm ³
Construction	:	3 Strand Plaited
UV Resistance	:	Excellent
Chemical Resistance	:	Good
Melting Point	:	265°C
Critical Temperature	:	170°C
Elongation At Break	:	Approx. %15-20
Fiber Water Absorption	:	Approx. %1-2
Wet Abrasion	:	Good
Dry Abrasion	:	Good
Standard	:	EN ISO 1141
Length	:	200 m Plastic/Wooden Spool or Coil

Other Colours on Request

DIA (mm)	Weight (kg/m)	Min. B.Load (kgf)	DIA (inch)	Weight (lbs/100ft)	Min. B.Load (lbs)
4	1,21	325	5/32"	0,81	715
5	1,90	515	3/16"	1,28	1.133
6	2,73	720	1/4"	1,83	1.584
8	4,85	1.300	5/16"	3,26	2.860
10	7,58	2.060	3/8"	5,09	4.532
12	10,90	2.875	1/2"	7,32	6.325
14	14,90	3.875	9/16"	10,01	8.525
16	19,40	5.000	5/8"	13,04	11.000
18	24,60	6.250	3/4"	16,53	13.750
20	30,30	8.250	13/16"	20,36	18.150
22	36,70	10.000	7/8"	24,66	22.000
24	43,70	11.500	1"	29,37	25.300
26	51,20	13.500	1-1/16"	34,41	29.700
28	59,40	15.500	1-1/8"	39,92	34.100
30	68,20	17.750	1-1/4"	45,83	39.050
32	77,60	20.000	1-5/16"	52,15	44.000
36	98,40	25.000	1-1/2"	66,12	55.000
40	121,00	33.000	1-5/8"	81,31	72.600
48	175,00	46.000	2"	117,60	101.200
56	238,00	62.000	2-1/4"	159,94	136.400
64	310,00	80.000	2-5/8"	208,99	176.000

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

LUPP® TWIST

APPLICATIONS

Bridges
Fencing
Climbing Line

BENEFITS / FEATURES

Does not Harden
Soft Hand
Economically Priced
Buoyant
Easy to Splice

SPECIFICATIONS

Material	: 100% HT Polypropylene Fiber
Type	: A
Specific Gravity	: 0,91 kg/dm3
Construction	: 3 Strand Plaited
UV Resistance	: Sufficient
Chemical Resistance	: Very Good
Melting Point	: 165°C
Critical Temperature	: 80°C
Elongation at Break	: Approx. %23
Fiber Water Absorption	: None
Wet Abrasion	: Sufficient
Dry Abrasion	: Sufficient
Standard	: EN ISO 1346
Length	: 100-200 m Plastic/Wooden Spool or Coil

Other Colours on Request

DIA (mm)	Weight (kg/m)	Min. B.Load (kgf)	DIA (inch)	Weight (lbs/100ft)	Min. B.Load (lbs)
4	0,72	320	5/32"	0,48	704
5	1,13	480	3/16"	0,76	1.056
6	1,63	680	1/4"	1,10	1.496
8	2,89	1.200	5/16"	1,94	2.640
10	4,52	1.730	3/8"	3,04	3.806
12	6,51	2.550	1/2"	4,37	5.610
14	8,86	3.410	9/16"	5,95	7.502
16	11,60	4.330	5/8"	7,80	9.526
18	14,60	5.400	3/4"	9,81	11.880
20	18,10	6.500	13/16"	12,16	14.300
22	21,90	7.740	7/8"	14,72	17.028
24	26,00	9.180	1"	17,47	20.196
26	30,60	10.810	1-1/16"	20,56	23.782
28	35,40	12.900	1-1/8"	23,79	28.380
30	40,70	14.600	1-1/4"	27,35	32.120
32	46,30	16.400	1-5/16"	31,11	36.080
36	58,60	20.100	1-1/2"	39,38	44.220
40	72,30	24.300	1-5/8"	48,59	53.460
48	104,00	34.170	2"	69,89	75.174
56	142,00	44.600	2-1/4"	95,42	98.120
64	185,00	57.120	2-5/8"	124,32	125.664

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



LUPP® TWIST ADVENTURE ROPES

CLASSIC LOOK





HORIZON STATIC®

APPLICATIONS

Climbing Line

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	:	256°C
Critical Temperature	:	170°C
Fiber Water Absorption	:	Approx. %2-3
Wet Abrasion	:	Good
Dry Abrasion	:	Good
Standard	:	EN 1891
Length	:	91-100-183-200 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
1/2"	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)

Huracan Static® rope provides a 24 strand cover and low stretch for perfect pairing with mechanical devices. This 7mm 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 : ~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 : EN 1891
 Length : 91-100-183-200 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)



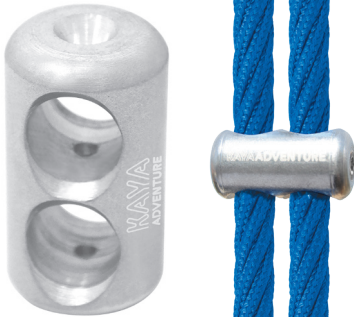
HURACAN STATIC® ADVENTURE ROPES





ADV.AL.H

ALUMINUM H CONNECTOR
ALÜMİNYUM H BAĞLANTI PARÇASI



Weight/Ağırlık: 52.72 gr

ADV.AL.T

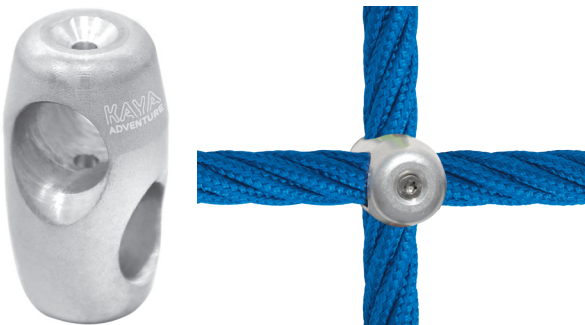
ALUMINUM T CONNECTOR
ALÜMİNYUM T BAĞLANTI PARÇASI



Weight/Ağırlık: 58.15 gr

ADV.AL.X

ALUMINUM X CONNECTOR
ALÜMİNYUM X BAĞLANTI PARÇASI



Weight/Ağırlık: 42.45 gr

ADV.AL.MIS

ALUMINUM HINGED ROPE END CONNECTOR
ALÜMİNYUM MAFSALLI İP SONU PARÇASI



Weight/Ağırlık: 78.78 gr

ADV.AL.IS

ALUMINUM ROPE END CONNECTOR
ALÜMİNYUM İP SONU BAĞLANTI PARÇASI



Weight/Ağırlık: 78.08 gr

ADV.AL.IB

ALUMINUM ROPE MERGING CONNECTOR
ALÜMİNYUM İP BİRLEŞTİRME PARÇASI



Weight/Ağırlık: 69.09 gr

ADV.KRS.14.16.T

T CONNECTOR FERRULES

T ALÜMİNYUM BAĞLANTI PARÇASI

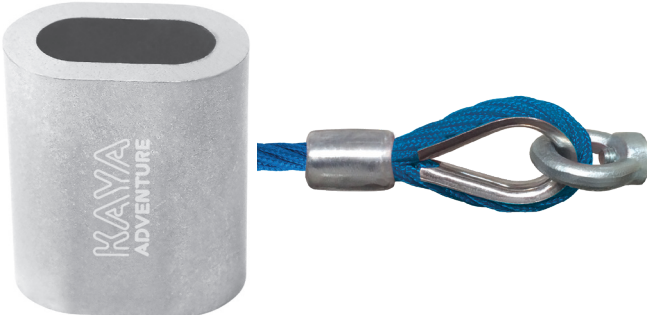


Weight/Ağırlık: 150 gr

ADV.KRS.14-16-18 OVL

OVAL SHAPE FERRULES

OVAL ALÜMİNYUM BAĞLANTI PARÇASI

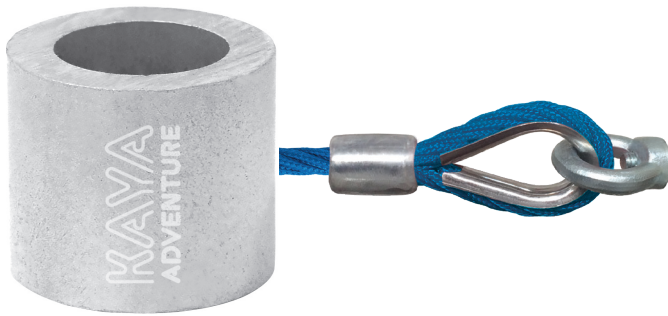


Weight/Ağırlık: 38.99 gr

ADV.KRS.14-16 DUZ

STANDARD TYPE FERRULES

DÜZ ALÜMİNYUM BAĞLANTI PARÇASI



Weight/Ağırlık: 24.34 gr

ADV.PL.X

PLASTIC X CONNECTOR

PLASTİK X BAĞLANTI PARÇASI

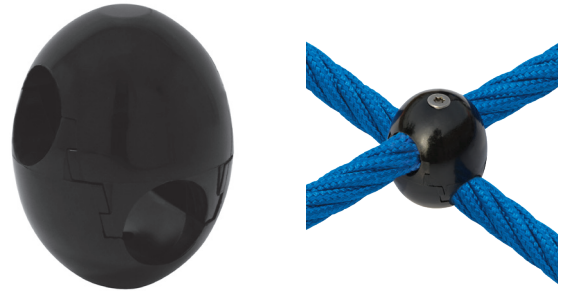


Weight/Ağırlık: 26.39 gr

ADV.PL.X2

PLASTIC TWO-PIECE X CONNECTOR

PLASTİK İKİ PARÇALI X BAĞLANTI PARÇASI



Weight/Ağırlık: 25.81 gr

ADV.PL.T

PLASTIC T CONNECTOR

PLASTİK T BAĞLANTI PARÇASI



Weight/Ağırlık: 45.6 gr

ADV.PL.MT

PLASTIC HINGED CONNECTOR
PLASTİK MAFSALLI BAĞLANTI PARÇASI



Weight/Ağırlık: 77.72 gr

ADV.PL.IB

PLASTIC ROPE MERGING CONNECTOR
PLASTİK İP BİRLEŞTİRME PARÇASI



Weight/Ağırlık: 55.99 gr

ADV.PL.IS

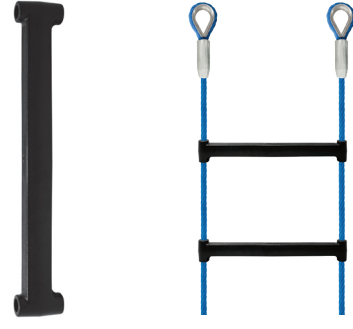
PLASTING ROPE AND CONNECTOR
PLASTİK İP SONU PARÇASI



Weight/Ağırlık: 40.10 gr

ADV.PL.MB

PLASTIC LEATHER STEP
PLASTİK MERDİVEN BASAMAĞI



Weight/Ağırlık: 77.72 gr

ZP-16

ZIPLINE PULLEY
ZIPLINE MAKARA



- Special design developed for zipline, block and tackle systems and tension lines
- Ability to be used with steel or wire rope
- Anchorage point for secondary lanyard and accessories

- Zipline, palanga sistemleri ve hava hatları (tension line) için geliştirilmiş özel tasarım
- Çelik veya ip halat ile kullanılabilme imkanı
- İkincil lanyard ve aksesuarlar için bağlantı noktası

Strength Mukavemet	Weight Ağırlık	Material Malzeme	Dia Çap	Standard Standart
25x2:50 kN	630 gr	Stainless Steel Paslanmaz Çelik	Ø 16 mm	EN 12278

ZP ELEPHANT

ZIPLINE PULLEY
ZIPLINE MAKARA



- Special design developed for zipline, block and tackle systems and tension lines
- Ability to be used with steel or wire rope
- Anchorage point for secondary lanyard and accessories
- Specially designed plastic that does not damage the stopper

- Zipline, palanga sistemleri ve hava hatları (tension line) için geliştirilmiş özel tasarım
- Çelik veya ip halat ile kullanılabilme imkanı
- İkincil lanyard ve aksesuarlar için bağlantı noktası
- Durdurucuya zarar vermeyen özel tasarım plastik

Strength Mukavemet	Weight Ağırlık	Material Malzeme	Dia Çap	Standard Standart
25x2:50 kN	1260 gr	Stainless Steel Paslanmaz Çelik	Ø 18 mm	EN 12278

P-455 Y

FALL ARREST, POSITIONING AND SUSPENSION HARNESS
DÜŞÜŞ DURDURMA, KONUMLANDIRMA VE SÜSPANSİYON
KEMERİ



- Easily adjustable manual buckles
- Greater control with the indicator in the ridge area providing fall traceability
- Freedom of movement in walking and climbing with elastic leg columns
- User-friendly D-rings with increased ergonomics
- Organized and comfortable operation with 6 materials and 8 hand tools carrying straps
- Protected label for periodic maintenance and monitoring of product life

- Kolay ayarlanabilir manuel tokalar
- Düşüş izlenebilirliği sağlayan sırt bölgesindeki gösterge ile daha fazla kontrol imkanı
- Elastik bacak kolonlarıyla yürüme ve tırmanmada hareket özgürlüğü
- Ergonomisi arttırılmış dışa bakan kullanıcı dostu D halkalar
- 6 adet malzeme ve 8 adet el aleti taşıma askısıyla düzenli ve rahat çalışma
- Periyodik bakımların ve ürün ömrünün takibi için korunaklı etiket

Size/Beden: S/M, L/XL, XXL/XXXL

Standard/Standart: EN 361, EN 358, EN 813, EN 12277, EN 1497

ZH-01

ZIPLINE HARNESS
ZIPLINE KEMERİ



- Special design dual high tenacity webbing on abdominal for Easy and Safe Connection to the Other Elements of a system for ziplining
- User friendly d-ring on dorsal point for restraint or easy-safe connection to the system
- Maximum comfort by virtue of Breathing, Antibacterial, Ergonomic pads.
- Safe and best ziplining experience, thanks to the padded seat.
- Quick Buckles For Fast Connection and Release.
- Fast wearing and high level security thanks to aluminium automatic buckles with indicator
- UV Resistant High Strength Bonded Type Yarns and Contrastive Color Sewing for Quick Eye Control.

- Zipline için karın hizasında, kolay ve güvenli bağlantı sağlayan yüksek mukavemetli ikili kolon
- Sırt bölgesinde, alan sınırlandırması veya sisteme bağlantı için kullanıcı dostu D halkaları.
- Breath-Tech antibakteriyel, nefes alabilen ergonomik bacak ve bel desteği sayesinde maksimum konfor. Padli oturak sayesinde en iyi ve güvenli zipline deneyimi
- Kolay giyilip çıkarılmayı sağlayan hızlı tokalar. İndikatörlü alüminyum otomatik tokaları sayesinde hızlı kuşanma ve üst düzey güvenlik
- UV dayanımlı bonded tip, gözle kontrol kolaylığı sağlayan zıt renkli dikiş iplikler.

Size/Beden: S/M, L/XL, XXL/XXXL

Weight/Ağırlık: 900 gr (S/M), 970 gr (L/XL)

Color/Renk: Black

Standard/Standart: EN 12277

I-451

RESCUE HARNESS KURTARMA KEMERİ



- 1 x special design abdominal aluminium D-Ring for Fast, Easy and Safe Connection to the Other Elements of a Personal Fall Arrest System.
 - Maximum comfort by virtue of Breathing, Antibacterial, Ergonomic Waist and Leg Pads.
 - Quick Buckles For Fast Connection and Release.
 - UV Resistant High Strength Bonded Type Yarns and Contrastive Color Sewing for Quick Eye Control.
 - 4 x Gear Loops.
- Kurtarma çalışmaları için karın hizasından bağlantı sağlayan, 1 adet özel tasarım alüminyum eğik D güvenli bağlantı noktası (EN 12277).
- Breath-Tech antibakteriyel, nefes alabilen ergonomik bacak ve bel desteği sayesinde maksimum konfor.
- Kolay giyilip çıkarılmayı sağlayan hızlı tokalar.
- UV dayanımlı bonded tip, gözle kontrol kolaylığı sağlayan zıt renkli dikiş iplikler.
- 4 adet malzeme taşıma halkası.

Size/Beden: S/M, L/XL, XXL/XXXL

Weight/Ağırlık: 900 gr (S/M), 970 gr (L/XL)

Color/Renk: Black

Standard/Standart: EN 12277

G-18 A

RAPPELING / SAILING GLOVE (3-FINGER CUT) İP/YELKEN ELDİVENİ (3 PARMAK KESİK)



- Special design inner-leather surface that increases friction resistance in rope work
 - Adjustable wrist region from elastic fabric
 - Fingertip open design that allows comfortable working with materials nuts, bolts, etc.
- İple yapılan çalışmalar için özel tasarım ve sürtünme dayanımını arttıran deri içi yüzey
- Elastik kumaştan ayarlanabilir bilek bölgesi
- Somun, cıvata vb. malzemeler ile rahat çalışabilmeyi sağlayan parmak ucu açık tasarım

Standard/Standart: EN 388 (2442)

G-18

RAPPELING / SAILING GLOVE İP/YELKEN ELDİVENİ



- Special design to work done with ropes
- Internal surface increases friction resistance
- Adjustable wrist from elastic fabric

- İp ile yapılan çalışmalar için özel tasarım
- Sürtünme dayanımını arttıran deri içi yüzey
- Elastik kumaştan ayarlanabilir bilek bölgesi

Standard/Standart: EN 388 (2442)

DYNAMO HYBRID

INDUSTRIAL HELMET
ENDÜSTRİYEL KASK



- Visor free design for more comfortable visibility
- Absorbs shock with outer shell deformation
- Perfectly fits on head thanks to 4-point textile suspension system
- Up/down adjustment for ear area and adjustable/removable chin band
- Special slots and clips for attaching headlight, headphones and visor
- Climbing and industrial helmet design

- Daha rahat görüş için siperliksiz tasarım
- Dış kabuk deformasyonu ile şok emici özelliği
- 4 noktadan oluşturulmuş tekstil süspansiyon sistemi sayesinde kaskın ile mükemmel uyumu
- Kulak bölgesi için yukarı/aşağı ayarlama özelliği ve ayarlanabilir/çıkarılabilir çene bandı
- Kafa lambası, kulaklık ve vizör takılabilen özel yuvalar ve klipsler
- Dağcılık ve endüstriyel kask standardına uygun tasarım

Size/Beden: 54-62 cm Adjustable/54-62 cm ayarlanabilir beden

Weight/Ağırlık: 420 gr

Standard/Standart: EN 12492:2012,

Optional requirements from EN 397 standard/EN 397 standardı için opsiyonel gereksinimler

- Electrical isolation/Elektrik yalıtımı EN 50365:2002 (class)

ACCESSORIES/AKSESUARLAR



DYNAMO LUMINO

INDUSTRIAL HELMET
ENDÜSTRİYEL KASK



- Visor free up to 8 hours at night with natural energy from daylight
- Peakless design for more comfortable visibility
- Shock absorber with outer shell deformation
- Perfectly fits on head thanks to 4-point textile suspension system
- Up/down adjustment for ear area and adjustable/removable chin band
- Special slots and clips for attaching headlight, headphones and visor

- Gün ışığından aldığı enerjiyle geceleri 8 saate varan doğal görünürlük
- Daha rahat görüş için siperliksiz tasarım
- Dış kabuk deformasyonu ile şok emici özelliği
- 4 noktadan oluşturulmuş tekstil süspansiyon sistemi sayesinde kaskın başa ile mükemmel uyumu
- Kulak bölgesi için yukarı/aşağı ayarlama özelliği ve ayarlanabilir/çıkarılabilir çene bandı
- Kafa lambası, kulaklık ve vizör takılabilmesi için özel yuvalar ve klipsler

Color/Renk: Lumino

Size/Beden: 54-62 cm Adjustable/54-62 cm ayarlanabilir beden

Weight/Ağırlık: 420 gr

Standard/Standart: EN 397

ACCESSORIES/AKSESUARLAR



SKYLINE

CLIMBER HELMETS

DAĞCI KASK



- Recommended for Mountaineering, Rock climbing, Ski Mountaineering
- Quick Release Buckle
- Ventilation through 11 holes
- Adjustable Chinstrap
- Headlamp clips
- New UP/DOWN adjustable size system

- Dağcılık, Kaya tırmanışı, Dağ kayağı için uygundur.
- Hızlı bağlantı tokası
- 11 Noktadan havalandırma deliği
- Ayarlanabilir çene bandı
- Kafa lambası klipsleri
- Yeni Yukarı/Aşağı ayarlanabilir beden sistemi

Size/Beden: One-size-fits-all 54/62 cm/54-62 cm ayarlanabilir beden

Weight/Ağırlık: 240 gr

Standard/Standart: EN 12492:2012/ CE EN 12492 UIAA

CE EN 12492 UIAA/EN 397 standardı için

External shell/Dış kabuk: Polycarbonate/Polikarbonat (ABS)



MORPHEUS

CLIMBER HELMETS

DAĞCI KASK



- Recommended for Mountaineering, Rock climbing, Ski Mountaineering
- Quick Release Buckle
- Ventilation through 17 holes
- Adjustable Chinstrap
- Headlamp clips
- New UP/DOWN adjustable size system

- Dağcılık, Kaya tırmanışı, Dağ kayağı için uygundur.
- Hızlı bağlantı tokası
- 17 Noktadan ventilasyon deliği ile etkin havalandırma
- Ayarlanabilir çene bandı
- Kafa lambası klipsleri
- Yeni Yukarı/Aşağı ayarlanabilir beden sistemi
- Teknolojik malzemesi ile ultra hafif kullanım

Size/Beden: 54-62 cm Adjustable/54-62 cm ayarlanabilir beden

Weight/Ağırlık: 420 gr

Standard/Standart: CE EN 12492 UIAA/CE EN 12492 UIAA

External shell/Dış kabuk: Polycarbonate/Polikarbonat (ABS)





OUR MATERIALS



DYNEEMA® FIBER

Dyneema® is an UHMWPE fiber. DSM invented Dyneema® more than 30 years ago and it has been in production since 1990. The fiber is incredibly versatile with virtually limitless applications. The fiber is manufactured by means of a gel-spinning process that combines extreme strength with incredible softness. Dyneema® is a super-strong fiber based on UHMWPE. It offers maximum strength combined with minimum weight.

Dyneema® SK75 is an extremely high-strength, low-stretch fiber.

Dyneema® SK78 fiber from DSM Dyneema® proved its superior performance under extreme conditions. The high modulus fiber, SK78 has a better stability under constant loads, improved creep feature than its prototype.

Dyneema® SK90 is one of the most advanced high-tech fibers with 12-13% greater strength, has same creep feature as SK-75 fiber. It is a perfect fiber for extreme sailors who are in search of outstanding performance.

Dyneema® SK99 is the newest fiber in Dyneema's SK range - 99 sailing inspirations with Dyneema® spotlights and shares the many ways the world's strongest fiber is extending performance and giving professional and recreational sailors a winning, and safety, edge. SK99 has nearly 20% higher strength than SK78 and keeps the same elongation and creep features as SK75.

Technora®

TECHNORA® FIBER

Technora® is a para-aramid fiber made from co-polymers and produced from poly-paraphenylene terephthalamide (ppta). It was independently developed by Teijin and has been commercially available since 1987. This high performance fiber has a range of excellent properties, including high tensile strength, good fatigue resistance, long-term dimensional stability and good resistance to corrosion, heat, chemicals and saltwater.

Vectran™

VECTRAN® FIBER

Vectran® is a high-performance multifilament yarn spun from liquid crystal polymer (LCP) produced by Kuraray in Japan. Vectran® is currently the only melt spun lcp fiber in the world that is commercially available. The unique combination of characteristics of Vectran® fibers make it superior to many other materials and enable it to perform under conditions in which other materials fail.

Twaron®

TWARON® FIBER

Twaron® is a para-aramid, high- performance yarn. Offering well-balanced performance in terms of mechanical properties, chemical resistance and thermal stability, Twaron® is recognized across a wide range of industries as an extremely valuable material with excellent durability. Their experience in aramid production, which extends back more than 30 years, not only guarantees a technically well-established product, it is also the basis for developments, often in close cooperation with our customers, to tailor Twaron® to the specific requirements of various applications.

POLYESTER

POLYESTER

First commercial polyester fiber production: 1953, Dupont company. Polyester is a category of polymers which contain the ester functional group in their main chain. Polyester is the most durable of the common materials. It has good breaking load and a low elongation. It has good resistance against sunlight, external abrasion. Polyester does not lose strength rapidly due to cyclic loading. Polyester has a low co-efficient of friction. Polyester is used as a material for the cover (protection against UV radiation) in the hig-tech ropes and is most widely used fiber in yachting ropes as well as for anchoring lines.

POLYAMIDE

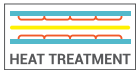
POLYAMIDE

First commercial nylon fiber production: 1939, Dupont company. A manufactured fiber in which the fiber forming substance is a long-chain synthetic polyamide in which less than 85% of the amide-linkages are attached directly (-co nh-) to two aliphatic groups. Polyamides-of its strength when wet. The abrasion resistance of polyamide is better in wet conditions than in dry conditions. Polyamide can become stiff (kept in wet condition for too long). The most important polyamides are PA 6 and PA 6.6. Polyamide is used for mooring lines, sport climbing ropes, safety and rescue ropes.

OUR TREATMENTS



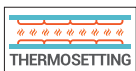
This special polyurethane coating known as long lasting- most efficient kind of protective coating that is being applied to each of our high-tech lines to improve abrasion resistance on the ropes and avoids slippage between cover and core. This particular process offers excellent substrate protection to get better results, which also makes the splicing much easier.



This particular thermal process increases efficiency and strength of Dyneema® ropes, which also achieves significant improvements in the break load of the rope and almost eliminates the 'creep' that helps ropes to have better performance. This procedure contracts the yarns and increases the net fiber density of the rope as well. The ropes become stronger and more durable than standard production performance ropes through these processes.



Dyneema® fiber currently has a lowest stretch among all the other synthetic fibers. However, the constructional elongation will occur during twisting and braiding processes of basic rope manufacturing procedure. Pre-Stretch method is used to minimize this constructional elongation and improve rope strength. When the heat set and Pre-Stretch process applied on the rope together, the both constructional and structural elongation will be reduced yet further increase in strength is also obtained by making the polymer to linear array. We apply this method to all of our high-tech and mid-tech lines to have an excellent product that exceeds our customer's needs.



This Thermo Setting process not only extends the lifespan of the rope but also enhances its strength and flexibility, making it ideal for various applications. With its exceptional thermal performance and ability to withstand extreme conditions, Thermo Setting treated ropes offer extra durability and reliability as well as extra softness in hand, providing peace of mind to users in demanding environments.



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
EN ISO 10547	Polyester Fibre Ropes - Double Braid Construction
EN ISO 10554	Polyamide Fibre Ropes - Double Braid Construction
EN ISO 10572	Mixed Polyolef in Fibre Ropes
EN 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 - 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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