

KAYAK ROPES

KAYAROPES.COM

2019/ENG

LEISURE MARINE
ROPES





EXTREME
SAILING SERIES™

TREX

Lumber1

Lumber1



FSC
SGSCOC007953



%100



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KAYA COMPANIES.com

KAYA COMPANIES;

A LEADER IN ITS FIELD TODAY, THE KAYA GROUP BEGAN BUSINESS IN THE 1980'S AS KAYA CONSTRUCTION. NOW PREPARING TO CELEBRATE ITS 30TH YEAR OF OPERATION, THE KAYA GROUP CONCENTRATES ITS KNOWLEDGE AND EXPERIENCE IN FOUR MAIN AREAS OF ACTIVITY: TECHNICAL ROPES, INDUSTRIAL WORK SAFETY AND WORK AT HEIGHT, WORK HEALTH AND SAFETY TRAINING AND CONSULTING SERVICES. FULLY AWARE OF THE DIMENSION OF SOCIAL RESPONSIBILITY ATTACHED TO THE SECTOR, THE COMPANY OBTAINS NATIONAL AND INTERNATIONAL CERTIFICATES FOR ALL PRODUCTS IT DEVELOPS AND MANUFACTURES. THROUGH 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 30 YEARS OF 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.

LUPES® LS



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ROPE CONSTRUCTIONS

LAI D ROPES



3 STRAND



6 STRAND

PLAITED ROPE

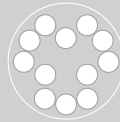


8 STRAND (SQUARE)

12 STRAND BRAIDED ROPES

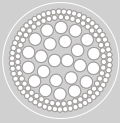


12 STRAND



12 STRAND (ROUND)

DOUBLE BRAIDED ROPES



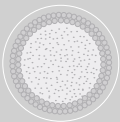
DOUBLE BRAIDED (16 - 20 - 24 - 32 - 36 - 40 - 48)

SOLID BRAIDED ROPE



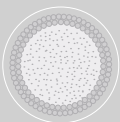
SOLID BRAIDED

PARALLEL STRAND ROPE



PARALLEL STRAND

KERNMANTEL ROPE



KERNMANTEL



OUR MATERIALS

DYNEEMA® FIBER



DYNEEMA® IS A REGISTERED TRADEMARK OF ROYAL DSM N.V.

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® FIBER



The power of Aramid

TECHNORA® IS A REGISTERED TRADEMARK OF TEIJIN ARAMID B.V.

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 COMMERCIALY 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® FIBER



VECTRAN® IS A REGISTERED TRADEMARK OF KURARAY CO.LTD

VECTRAN® IS A HIGH-PERFORMANCE MULTIFILAMENT YARN SPUN FROM LIQUID CRYSTAL POLYMER (LCP) PRODUCED BY KURURAY IN JAPAN. VECTRAN® IS CURRENTLY THE ONLY MELT SPUN LCP FIBER IN THE WORLD THAT IS COMMERCIALY 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.

KEVLAR® FIBER



DUPONT™ AND KEVLAR® ARE REGISTERED TRADEMARKS OF E. I. DU PONT DE NEMOURS AND COMPANY

IN THE 1960S DUPONT™ DEVELOPED KEVLAR® IN RESPONSE TO THE LIMITED BREAK STRENGTH AND INITIAL MODULUS OF THE, AT THAT TIME, LEADING MAN-MADE FIBERS, NYLON AND POLYESTER. DUPONT™ SUCCEEDED IN CREATING AN INNOVATIVE POLYMER CHAIN EXTENSION METHOD WHICH CAN BE CONSIDERED THE CORNERSTONE OF THE CURRENT FORMULATION. DUPONT™ KEVLAR® IS A SO-CALLED PARA-ARAMID FIBER. ITS PROPERTIES MAKE IT SUITABLE FOR THE MOST DIFFICULT AND DEMANDING APPLICATIONS IN SEVERAL INDUSTRIES. IT COMBINES HIGH STRENGTH AND MODULUS, TOUGHNESS, AND THERMAL STABILITY.

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.



CHOOSE YOUR CORE

DYNE K® 78/99



BENEFITS / FEATURES

SUPERIOR ABRASION RESISTANCE
EXCELLENT BREAKING LOAD (SK99)
BUOYANT
DURABLE
VERY LOW STRETCH
LIGHTWEIGHT
EASY TO SPLICE
DOES NOT KINK

DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*	
		SK78 (ART.NO: 005)	SK99 (ART.NO: 505)
2	0,25	425	502
3	0,50	950	1.121
4	0,95	1.650	1.947
5	1,50	2.600	3.068
6	2,30	3.750	4.425
8	4,00	6.600	7.788
10	6,10	10.400	12.272
12	8,70	16.600	17.700
14	11,70	23.300	24.072
16	15,10	26.520	31.294
18	19,00	31.620	37.312
20	23,20	38.760	45.737
22	28,10	45.900	54.162
24	33,10	53.000	62.540

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)

DYNE K® SBF 78/99



BENEFITS / FEATURES

SUPERIOR BENDING FATIGUE (SBF)
EXCELLENT BREAKING LOAD (SK99)
BUOYANT
DURABLE
VERY LOW STRETCH
LIGHTWEIGHT
EASY TO SPLICE
DOES NOT KINK

DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*	
		SK78 (ART.NO: 005)	SK99 (ART.NO: 505)
2	0,25	425	502
3	0,50	950	1.121
4	1,95	1.650	1.947
5	1,50	2.600	3.068
6	2,30	3.750	4.425
8	4,00	6.600	7.788
10	6,10	10.400	12.272
12	8,70	16.600	17.700
14	11,70	23.300	24.072
16	15,10	26.520	31.294
18	19,00	31.620	37.312
20	23,20	38.760	45.737
22	28,10	45.900	54.162
24	33,10	53.000	62.540

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)

VECT K®



BENEFITS / FEATURES

NO CREEP UNDER CONSTANT LOADS
HIGH BREAKING LOAD
EXTREMELY LOW STRETCH
IDEAL FOR STEERING SYSTEM
EASY TO SPLICE
PERFECT FOR STATIC APPLICATION
PU COATING FOR IMPROVED PROTECTION AGAINST ABRASION

DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
4	1,45	1.500
5	2,30	2.000
6	3,15	3.000
8	5,70	5.000
10	9,10	7.500
12	13,05	10.200
14	18,15	13.000
16	22,70	18.750
18	27,20	22.500
20	36,30	28.000
22	40,80	32.000
24	45,35	38.000

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)

CHOOSE YOUR COVER

TECHNORA® - POLYESTER COVER (TP)



Technora®

The power of Aramid

ABRASION RESISTANCE	★★★★☆
UV RESISTANCE	★★☆☆☆
WINCH PERFORMANCE	★★★★☆
CLUTCH & JAMMER PERFORMANCE	★★★★☆
HEAT RESISTANCE	★★★★☆

VECTRAN® - POLYESTER COVER (VP)



Vectran

ABRASION RESISTANCE	★★★★☆
UV RESISTANCE	★★☆☆☆
WINCH PERFORMANCE	★★★★☆
CLUTCH & JAMMER PERFORMANCE	★★☆☆☆
HEAT RESISTANCE	★★★★☆

ARAMID® - POLYESTER COVER (AP)



KEVLAR®

ABRASION RESISTANCE	★★★★☆
UV RESISTANCE	★★☆☆☆
WINCH PERFORMANCE	★★★★☆
CLUTCH & JAMMER PERFORMANCE	★★★★☆
HEAT RESISTANCE	★★★★☆

DYNEEMA® - TECHNORA® COVER (DT)



Dyneema®

Technora®

The power of Aramid

ABRASION RESISTANCE	★★★★☆
UV RESISTANCE	★★★★☆
WINCH PERFORMANCE	★★★★☆
CLUTCH & JAMMER PERFORMANCE	★★★★☆
HEAT RESISTANCE	★★★★☆

DYNEEMA® - POLYESTER COVER (DP)



Dyneema®

ABRASION RESISTANCE	★★★★☆
UV RESISTANCE	★★★★☆
WINCH PERFORMANCE	★★☆☆☆
CLUTCH & JAMMER PERFORMANCE	★★☆☆☆
HEAT RESISTANCE	★★☆☆☆

POLYESTER COVER



ABRASION RESISTANCE	★★★★☆
UV RESISTANCE	★★★★☆
WINCH PERFORMANCE	★★☆☆☆
CLUTCH & JAMMER PERFORMANCE	★★☆☆☆
HEAT RESISTANCE	★★☆☆☆

GP ROCK D® MIX TP

Technora®
The power of Aramid



Dyneema®



RACING LINES



CRUISING LINES



DINGHY LINES



MOORING LINES



WATER SPORTS LINES



SAILMAKER LINES

RACING LINES





GP ROCK D® MIX TP

APPLICATIONS

MAIN HALYARD
 GENOA HALYARD
 SPI HALYARD
 REEFING LINES
 MAIN SHEET
 GENOA SHEET
 SPI SHEET
 SPI GUYS
 SEE PAGE 29

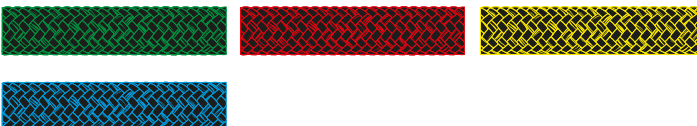
SPECIFICATIONS

MATERIAL	COVER: %50 TECHNORA® FIBER %50 HIGH TENACITY POLYESTER FIBER CORE: COATED DYNEEMA® SK 78/99
SPECIFIC GRAVITY	0,99-1,20 KG/DM ³
CONSTRUCTION	COVER: 24-32 PLAITED CORE: 12 PLAITED
UV RESISTANCE	SUFFICIENT
CHEMICAL RESISTANCE	EXCELLENT
MELTING POINT	147°C-256°C
CRITICAL TEMPERATURE	65°C
WORKING STRETCH	<1,5%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	EXCELLENT
DRY ABRASION	EXCELLENT
STANDARD	-
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*	
			TP78 (ART.NO: 710)	TP99 (ART.NO: 712)
710-712	8	4,75	4.250	5.200
710-712	10	7,05	6.300	7.600
710-712	12	10,00	9.000	10.800
710-712	14	13,15	12.000	14.250
710-712	16	16,60	15.300	18.250
710-712	18	20,50	19.000	22.500
710-712	20	24,85	23.000	27.250
710-712	22	27,75	26.500	31.500
710-712	24	33,60	30.500	36.500

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



710-712 GP ROCK D® MIX TP 78/99



BENEFITS / FEATURES

GOOD GRIP ON WINCHES
 VERY GOOD PERFORMANCE IN JAMMERS
 EXCELLENT BREAKING LOAD (SK99)
 VERY GOOD HEAT RESISTANCE
 LOW STRETCH
 EASY TO SPLICE



GP ROCK D® MIX VP



720-722 GP ROCK D® MIX VP 78/99



BENEFITS / FEATURES

- EXCELLENT GRIP ON WINCHES
- EXCELLENT BREAKING LOAD (SK99)
- GOOD HEAT RESISTANCE
- LOW STRETCH
- EASY TO SPLICE

APPLICATIONS

- MAIN SHEET
- GENOA SHEET
- SPI SHEET
- SPI GUYS
- GENNAKER TACK-LINE
- BACKSTAYS

SEE PAGE 29

SPECIFICATIONS

MATERIAL	COVER: %50 VECTRAN® FIBER %50 HIGH TENACITY POLYESTER FIBER CORE: COATED DYNEEMA® SK 78/99
SPECIFIC GRAVITY	0,99-1,20 KG/DM³
CONSTRUCTION	COVER: 24-32 PLAITED CORE: 12 PLAITED
UV RESISTANCE	POOR
CHEMICAL RESISTANCE	EXCELLENT
MELTING POINT	147°C-256°C
CRITICAL TEMPERATURE	65°C
WORKING STRETCH	<1,5%
FIBER WATER ABSORPTION	APPROX. %0-1
WET ABRASION	EXCELLENT
DRY ABRASION	EXCELLENT
STANDARD	-
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B. LOAD (kgf)*	
			VP78 (ART.NO: 720)	VP99 (ART.NO: 722)
720-722	8	4,75	4.250	5.200
720-722	10	7,05	6.300	7.600
720-722	12	10,00	9.000	10.800
720-722	14	13,15	12.000	14.250
720-722	16	16,60	15.300	18.250
720-722	18	20,50	19.000	22.500
720-722	20	24,85	23.000	27.250
720-722	22	27,75	26.500	31.500
720-722	24	33,60	30.500	36.500

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)





APPLICATIONS

- MAIN SHEET
- GENOA SHEET
- SPI SHEET
- SPI GUYS
- GENNAKER TACK-LINE
- BACKSTAYS

SEE PAGE 29

SPECIFICATIONS

MATERIAL	COVER: %50 KEVLAR® FIBER %50 HIGH TENACITY POLYESTER FIBER CORE: COATED DYNEEMA® SK 78/99
SPECIFIC GRAVITY	0,99-1,20 KG/DM³
CONSTRUCTION	COVER: 24-32 PLAITED CORE: 12 PLAITED
UV RESISTANCE	POOR
CHEMICAL RESISTANCE	EXCELLENT
MELTING POINT	147°C-256°C
CRITICAL TEMPERATURE	65°C
WORKING STRETCH	<1,5%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	EXCELLENT
DRY ABRASION	EXCELLENT
STANDARD	-
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*	
			AP78 (ART.NO: 730)	AP99 (ART.NO: 732)
730-732	8	4,70	4.250	5.200
730-732	10	6,95	6.300	7.600
730-732	12	9,90	9.000	10.800
730-732	14	13,00	12.000	14.250
730-732	16	16,35	15.300	18.250
730-732	18	20,20	19.000	22.500
730-732	20	24,50	23.000	27.250
730-732	22	27,40	26.500	31.500
730-732	24	33,15	30.500	36.500

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



730-732 GP ROCK D® MIX AP 78/99



BENEFITS / FEATURES

- GOOD GRIP ON WINCHES
- EXCELLENT PERFORMANCE IN JAMMERS
- EXCELLENT BREAKING LOAD (SK99)
- VERY GOOD HEAT RESISTANCE
- LOW STRETCH
- EASY TO SPLICE



GP ROCK D®



BENEFITS / FEATURES

- GOOD PERFORMANCE IN JAMMERS
- LOW STRETCH
- EASY TO SPLICE

APPLICATIONS

- MAIN HALYARD
- GENOA HALYARD
- SPI HALYARD
- REEFING LINES
- MAIN SHEET
- GENOA SHEET
- SPI SHEET
- SPI GUYS
- SEE PAGE 29

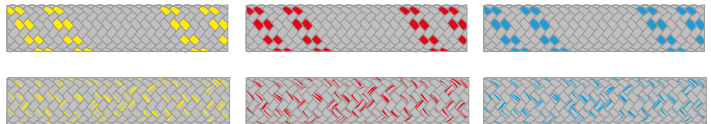
SPECIFICATIONS

MATERIAL	COVER: HT POLYESTER FIBER INNER COVER: - CORE: COATED DYNEEMA® SK 78
SPECIFIC GRAVITY	0,99-1,20 KG/DM ³
CONSTRUCTION	COVER: 24-32 PLAITED CORE: 12 PLAITED
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	147°C-256°C
CRITICAL TEMPERATURE	65°C
WORKING STRETCH	<1,5%
FIBER WATER ABSORPTION	APPROX. %0-1
WET ABRASION	GOOD
DRY ABRASION	GOOD
STANDARD	-
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B. LOAD (kgf)*
112-113	8	5,15	4.250
112-113	10	7,10	6.300
112-113	12	10,00	9.000
112-113	14	13,25	12.000
112-113	16	17,15	15.300
112-113	18	21,05	19.000
112-113	20	25,70	23.000
112-113	22	28,65	26.500
112-113	24	33,80	30.500

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)





APPLICATIONS

- MAIN HALYARD
- GENOA HALYARD
- SPI HALYARD
- REEFING LINES
- SPI POLE UPHAUL
- SPI POLE FOREGUY
- GENNAKER TACK-LINE
- ROLLER REEFING LINE

SEE PAGE 29

SPECIFICATIONS

MATERIAL	COVER: %50 DYNEEMA® SK 78 FIBER %50 HIGH TENACITY POLYESTER FIBER CORE: COATED DYNEEMA® SK 78/99
SPECIFIC GRAVITY	0,99-1,20 KG/DM³
CONSTRUCTION	COVER: 24-32 PLAITED CORE: 12 PLAITED
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	147°C
CRITICAL TEMPERATURE	65°C
WORKING STRETCH	<1,5%
FIBER WATER ABSORPTION	APPROX. %0-1
WET ABRASION	EXCELLENT
DRY ABRASION	EXCELLENT
STANDARD	-
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*	
			DP78 (ART.NO:770)	DP99 (ART.NO:772)
770-772	8	4,95	4.250	5.200
770-772	10	7,40	6.300	7.600
770-772	12	10,35	9.000	10.800
770-772	14	13,65	12.000	14.250
770-772	16	17,20	15.300	18.250
770-772	18	21,20	19.000	22.500
770-772	20	25,80	23.000	27.250
770-772	22	28,80	26.500	31.500
770-772	24	35,00	30.500	36.500

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



BENEFITS / FEATURES

- GOOD PERFORMANCE IN JAMMERS
- EXCELLENT BREAKING LOAD (SK99)
- EXCELLENT ABRASION RESISTANCE
- LOW STRETCH
- EASY TO SPLICE



GP ROCK V®



APPLICATIONS

- MAIN HALYARD
- GENOA HALYARD
- MAIN SHEET
- SPI GUYS
- CUNNINGHAM
- MAIN OUTHAUL

SEE PAGE 29

SPECIFICATIONS

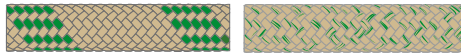
MATERIAL	COVER: HT POLYESTER FIBER INNER COVER: - COATED: VECTRAN® FIBER
SPECIFIC GRAVITY	APPROX. 1,38 KG/DM ³
CONSTRUCTION	COVER: 24-32 PLAITED CORE: 12 PLAITED
UV RESISTANCE	POOR
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
WORKING STRETCH	<1%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	GOOD
DRY ABRASION	GOOD
STANDARD	-
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST



ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
101-111	8	5,75	3.400
101-111	10	7,85	5.100
101-111	12	11,20	7.250
101-111	14	14,75	9.000
101-111	16	19,50	11.900
101-111	18	24,20	14.500
101-111	20	29,20	18.000
101-111	22	32,75	21.000
101-111	24	38,50	25.000

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



BENEFITS / FEATURES
GOOD PERFORMANCE IN JAMMERS
HIGH BREAKING LOAD
EXTREMELY LOW STRETCH
EASY TO SPLICE





APPLICATIONS

- SPI POLE UPHAUL
- SPI POLE FOREGUY
- VANG
- CUNNINGHAM
- MAIN OUTHAUL

SEE PAGE 29

SPECIFICATIONS

MATERIAL	COATED VECTRAN® FIBER
SPECIFIC GRAVITY	1,40 KG/DM³
CONSTRUCTION	12 STRAND BRAIDED
UV RESISTANCE	POOR
CHEMICAL RESISTANCE	EXCELLENT
MELTING POINT	300°C
CRITICAL TEMPERATURE	200°C
WORKING STRETCH	<1%
FIBER WATER ABSORPTION	APPROX. %1
WET ABRASION	EXCELLENT
DRY ABRASION	EXCELLENT
STANDARD	-
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
004	3	0,85	800
004	4	1,45	1.500
004	5	2,30	2.000
004	6	3,15	3.000
004	8	5,70	5.000
004	10	9,10	7.500
004	12	13,05	10.200
004	14	18,15	13.000
004	16	22,70	18.750
004	18	27,20	22.500
004	20	36,30	28.000
004	22	40,80	32.000
004	24	45,35	38.000

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



004 VECT K®



BENEFITS / FEATURES

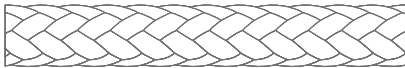
- NO CREEP UNDER CONSTANT LOADS
- HIGH BREAKING LOAD
- EXTREMELY LOW STRETCH
- IDEAL FOR STEERING SYSTEM
- EASY TO SPLICE
- PERFECT FOR STATIC APPLICATION
- PU COATING FOR IMPROVED PROTECTION AGAINST ABRASION



Vectran



005-505 DYNE K® 78/99



BENEFITS / FEATURES

- SUPERIOR ABRASION RESISTANCE
- EXCELLENT BREAKING LOAD (SK99)
- BUOYANT
- DURABLE
- VERY LOW STRETCH
- LIGHTWEIGHT
- EASY TO SPLICE
- DOES NOT KINK

APPLICATIONS

- SPI POLE UPHAUL
- SPI POLE FOREGUY
- BACKSTAYS
- VANG
- CUNNINGHAM
- MAIN OUTHAUL

SEE PAGE 29

SPECIFICATIONS

MATERIAL	COATED DYNEEMA® SK 78/99
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%
FIBER WATER ABSORPTION	NONE
WET ABRASION	EXCELLENT
DRY ABRASION	EXCELLENT
STANDARD	ISO 10325
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*	
			SK78 (ART.NO: 005)	SK99 (ART.NO:505)
005-505	2	0,25	425	502
005-505	3	0,50	950	1.121
005-505	4	0,95	1.650	1.947
005-505	5	1,50	2.600	3.068
005-505	6	2,30	3.750	4.425
005-505	8	4,00	6.600	7.788
005-505	10	6,10	10.400	12.272
005-505	12	8,70	15.000	17.700
005-505	14	11,70	20.400	24.072
005-505	16	15,10	26.520	31.294
005-505	18	19,00	31.620	37.312
005-505	20	23,20	38.760	45.737
005-505	22	28,10	45.900	54.162
005-505	24	33,10	53.000	62.540

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)





APPLICATIONS

- SPI POLE UPHAUL
- SPI POLE FOREGUY
- BACKSTAYS
- VANG
- CUNNINGHAM
- MAIN OUTHAUL

SEE PAGE 29

SPECIFICATIONS

MATERIAL	COATED DYNEEMA® SK 78/99
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%
FIBER WATER ABSORPTION	NONE
WET ABRASION	EXCELLENT
DRY ABRASION	EXCELLENT
STANDARD	ISO 10325
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*	
			SK78 (ART.NO: 405)	SK99 (ART.NO: 605)
405-605	2	0,25	425	502
405-605	3	0,50	950	1.121
405-605	4	0,95	1.650	1.947
405-605	5	1,50	2.600	3.068
405-605	6	2,30	3.750	4.425
405-605	8	4,00	6.600	7.788
405-605	10	6,10	10.400	12.272
405-605	12	8,70	15.000	17.700
405-605	14	11,70	20.400	24.072
405-605	16	15,10	26.520	31.294
405-605	18	19,00	31.620	37.312
405-605	20	23,20	38.760	45.737
405-605	22	28,10	45.900	54.162
405-605	24	33,10	53.000	62.540

*UNSPLICED BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



BENEFITS / FEATURES

- SUPERIOR BENDING FATIGUE (SBF)
- EXCELLENT BREAKING LOAD (SK99)
- BUOYANT
- DURABLE
- VERY LOW STRETCH
- LIGHTWEIGHT
- EASY TO SPLICE
- DOES NOT KINK



STORM D PRO®



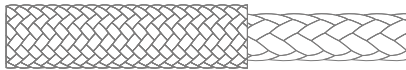
APPLICATIONS

- MAIN HALYARD
- GENOA HALYARD
- SPI HALYARD
- REEFING LINES
- MAIN SHEET
- GENOA SHEET
- SPI SHEET
- SPI GUYS
- SEE PAGE 29

SPECIFICATIONS

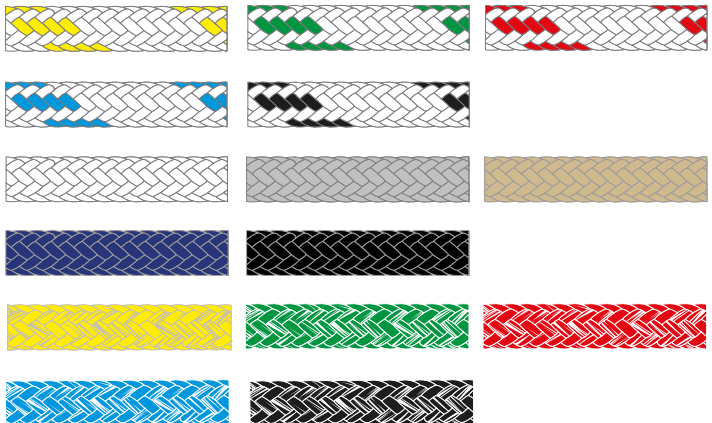
MATERIAL	COVER: HT POLYESTER FIBER INNER COVER: - CORE: COATED DYNEEMA® SK 78/99
SPECIFIC GRAVITY	0,99-1,20 KG/DM ³
CONSTRUCTION	COVER: 24-32 PLAITED CORE: 12 PLAITED
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	147°C-256°C
CRITICAL TEMPERATURE	65°C
WORKING STRETCH	<1,5%
FIBER WATER ABSORPTION	APPROX. %0-1
WET ABRASION	GOOD
DRY ABRASION	GOOD
STANDARD	-
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST



ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*	
			SK78 (ART.NO: 302-312)	SK99 (ART.NO: 372-382)
302-312-372-382	8	4,60	3.600	4.300
302-312-372-382	10	6,35	5.650	6.700
302-312-372-382	12	8,95	8.000	9.600
302-312-372-382	14	11,75	10.400	12.500
302-312-372-382	16	15,50	14.000	16.750
302-312-372-382	18	19,75	18.000	21.500
302-312-372-382	20	24,00	22.000	26.400
302-312-372-382	22	26,80	25.000	30.000
302-312-372-382	24	31,75	29.000	34.750

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



BENEFITS / FEATURES

- GOOD PERFORMANCE IN JAMMERS
- EXCELLENT BREAKING LOAD (SK99)
- LOW STRETCH
- EASY TO SPLICE



STORM D PRO® MIX TP

APPLICATIONS

MAIN HALYARD
 GENOA HALYARD
 SPI HALYARD
 REEFING LINES
 MAIN SHEET
 GENOA SHEET
 SPI SHEET
 SPI GUYS
 SEE PAGE 29

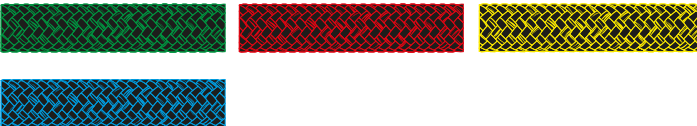
SPECIFICATIONS

MATERIAL	COVER: %50 TECHNORA® FIBER %50 HIGH TENACITY POLYESTER FIBER CORE: COATED DYNEEMA® SK 78/99
SPECIFIC GRAVITY	0,99-1,20 KG/DM ³
CONSTRUCTION	COVER: 24-32 PLAITED CORE: 12 PLAITED
UV RESISTANCE	SUFFICIENT
CHEMICAL RESISTANCE	EXCELLENT
MELTING POINT	147°C-256°C
CRITICAL TEMPERATURE	65°C
WORKING STRETCH	<1,5%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	EXCELLENT
DRY ABRASION	EXCELLENT
STANDARD	-
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

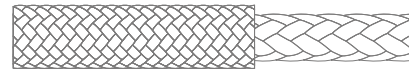
OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*	
			TP78 (ART.NO: 362)	TP99 (ART.NO: 365)
362-365	8	4,25	3.600	4.300
362-365	10	6,40	5.650	6.700
362-365	12	8,95	8.000	9.600
362-365	14	11,80	10.400	12.500
362-365	16	15,55	14.000	16.750
362-365	18	19,35	18.000	21.500
362-365	20	23,35	22.000	26.400
362-365	22	26,20	25.000	30.000
362-365	24	31,85	29.000	34.750

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



362-365 STORM D PRO® MIX TP 78/99



BENEFITS / FEATURES

GOOD GRIP ON WINCHES
 VERY GOOD PERFORMANCE IN JAMMERS
 EXCELLENT BREAKING LOAD (SK99)
 VERY GOOD HEAT RESISTANCE
 LOW STRETCH
 EASY TO SPLICE



STORM D PRO® MIX DT



BENEFITS / FEATURES

- GOOD GRIP ON WINCHES
- VERY GOOD PERFORMANCE IN JAMMERS
- EXCELLENT BREAKING LOAD (SK99)
- GOOD HEAT RESISTANCE
- EXCELLENT ABRASION RESISTANCE
- LOW STRETCH
- EASY TO SPLICE

APPLICATIONS

- MAIN SHEET
- GENOA SHEET
- SPI SHEET
- SPI GUYS
- GENNAKER TACK-LINE
- BACKSTAYS

SEE PAGE 29

SPECIFICATIONS

MATERIAL	COVER: %50 TECHNORA® FIBER %50 DYNEEMA® SK 78 FIBER CORE: COATED DYNEEMA® SK 78/99
SPECIFIC GRAVITY	0,99-1,20 KG/DM ³
CONSTRUCTION	COVER: 24-32 PLAITED CORE: 12 PLAITED
UV RESISTANCE	GOOD
CHEMICAL RESISTANCE	EXCELLENT
MELTING POINT	147°C
CRITICAL TEMPERATURE	65°C
WORKING STRETCH	<1,5%
FIBER WATER ABSORPTION	APPROX. %0-1
WET ABRASION	EXCELLENT
DRY ABRASION	EXCELLENT
STANDARD	-
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*	
			DT78 (ART.NO: 392)	DT99 (ART.NO: 395)
392-395	8	4,55	3.600	4.300
392-395	10	6,65	5.650	6.700
392-395	12	8,90	8.000	9.600
392-395	14	11,70	10.400	12.500
392-395	16	14,45	14.000	16.750
392-395	18	18,20	18.000	21.500
392-395	20	22,25	22.000	26.400
392-395	22	25,80	25.000	30.000
392-395	24	30,05	29.000	34.750

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)





APPLICATIONS

- GENOA SHEET
- SPI SHEET
- GENNAKER TACK-LINE

SEE PAGE 29

SPECIFICATIONS

MATERIAL	BLENDED DYNEEMA® SK 78 -POLYESTER STAPLE FIBER
SPECIFIC GRAVITY	0,99-1,20 KG/DM ³
CONSTRUCTION	8 PLAITED (HOLLOW BRAID)
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	147°C
CRITICAL TEMPERATURE	65°C
WORKING STRETCH	<2%
FIBER WATER ABSORPTION	APPROX. %0-1
WET ABRASION	GOOD
DRY ABRASION	GOOD
STANDARD	-
LENGTH	100-200 M PLASTIC SPOOL OR COIL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
205	3	1,00	550
205	4	1,15	800
205	5	1,50	900
205	6	3,00	1.650
205	8	3,70	2.350
205	10	5,85	3.700

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



205 ROCK SOFT-D



BENEFITS / FEATURES

- VERY SUITABLE FOR JAMMERS
- COMFORTABLE HANDLING
- LOW STRETCH
- LIGHTWEIGHT
- EXCELLENT DINGHY SHEET
- HIGH KNOTTED STRENGTH

DYNE COVER



105 DYNE COVER



BENEFITS / FEATURES
IDEAL FOR PROTECTION AGAINST ABRASION
EXCELLENT PERFORMANCE IN JAMMERS
EASY HANDLING
BUOYANT

APPLICATIONS
SPECIAL COVER

SPECIFICATIONS	
MATERIAL	100% DYNEEMA® SK 78 FIBER
SPECIFIC GRAVITY	0,97 KG/DM ³
CONSTRUCTION	24-32 PLAITED
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	EXCELLENT
MELTING POINT	147°C
CRITICAL TEMPERATURE	65°C
WORKING STRETCH	<3%
WET ABRASION	EXCELLENT
DRY ABRASION	EXCELLENT
STANDARD	-
LENGTH	100-200 M PLASTIC SPOOL

LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
105	4-6	-	-
105	5-7	-	-
105	6-8	-	-
105	7-10	-	-
105	8-12	-	-
105	10-16	-	-
105	12-20	-	-

***UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)**

VECT COVER



741 VECT COVER



BENEFITS / FEATURES
IDEAL FOR PROTECTION AGAINST ABRASION
EXCELLENT GRIP ON WINCHES
EASY HANDLING
GOOD HEAT RESISTANCE

APPLICATIONS
SPECIAL COVER

SPECIFICATIONS	
MATERIAL	100% VECTRAN® FIBER
SPECIFIC GRAVITY	1,40 KG/DM ³
CONSTRUCTION	24-32 PLAITED
UV RESISTANCE	POOR
CHEMICAL RESISTANCE	EXCELLENT
MELTING POINT	500°C
CRITICAL TEMPERATURE	350°C
WORKING STRETCH	<3%
WET ABRASION	EXCELLENT
DRY ABRASION	EXCELLENT
STANDARD	-
LENGTH	100-200 M PLASTIC SPOOL

LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
741	4-6	-	-
741	5-7	-	-
741	6-8	-	-
741	7-10	-	-
741	8-12	-	-
741	10-16	-	-
741	12-20	-	-

***UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)**

TECH COVER

APPLICATIONS
SPECIAL COVER

SPECIFICATIONS	
MATERIAL	100% TECHNORA® FIBER
SPECIFIC GRAVITY	1,44 KG/DM³
CONSTRUCTION	24-32 PLAITED
UV RESISTANCE	SUFFICIENT
CHEMICAL RESISTANCE	EXCELLENT
MELTING POINT	500°C
CRITICAL TEMPERATURE	350°C
WORKING STRETCH	<3%
WET ABRASION	EXCELLENT
DRY ABRASION	EXCELLENT
STANDARD	-
LENGTH	100-200 M PLASTIC SPOOL

LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
740	4-6	-	-
740	5-7	-	-
740	6-8	-	-
740	7-10	-	-
740	8-12	-	-
740	10-16	-	-
740	12-20	-	-

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



BENEFITS / FEATURES

- IDEAL FOR PROTECTION AGAINST ABRASION
- VERY GOOD PERFORMANCE IN JAMMERS
- EASY HANDLING
- EXCELLENT HEAT RESISTANCE

TP COVER

APPLICATIONS
SPECIAL COVER

SPECIFICATIONS	
MATERIAL	50% TECHNORA® FIBER-50% HT POLYESTER FIBER
SPECIFIC GRAVITY	APPROX. 1,40 KG/DM³
CONSTRUCTION	24-32 PLAITED
UV RESISTANCE	SUFFICIENT
CHEMICAL RESISTANCE	EXCELLENT
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
WORKING STRETCH	<3%
WET ABRASION	VERY GOOD
DRY ABRASION	VERY GOOD
STANDARD	-
LENGTH	100-200 M PLASTIC SPOOL

LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
742	4-6	-	-
742	5-7	-	-
742	6-8	-	-
742	7-10	-	-
742	8-12	-	-
742	10-16	-	-
742	12-20	-	-

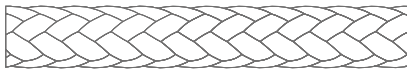
*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



BENEFITS / FEATURES

- IDEAL FOR PROTECTION AGAINST ABRASION
- GOOD GRIP ON WINCHES
- EASY HANDLING
- VERY GOOD HEAT RESISTANCE
- VERY GOOD PERFORMANCE IN JAMMERS

DYNE K® SHACKLE



BENEFITS / FEATURES
SHACKLES ARE LOADED TO 1/2 OF ITS BREAKING STRENGTH
BUOYANT
VERY LOW STRETCH
LIGHT SHACKLES ARE MADE OUT OF DYNEEMA®

APPLICATIONS

WINCH SHACKLE

SPECIFICATIONS

MATERIAL	COATED DYNEEMA® SK 78
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%
WET ABRASION	EXCELLENT
DRY ABRASION	EXCELLENT
STANDARD	ISO 10325
LENGTH	-

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	SHACKLE DIA (Ø)	B.LOAD (kgf)*	SWL (kgf)*	LENGTH CM
305	4	855	478	8,50
305	6	1.150	575	9,50
305	8	2.340	1.170	11,00
305	10	3.375	1.688	11,50
305	12	4.670	2.375	12,50
305	14	5.980	2.990	15,00
305	18	9.380	4.690	17,50

*SPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



ROPE APPLICATIONS FOR RACING

ROPE NAMES	PAGE	HALYARDS				SHEETS				CONTROL LINES													
		MAIN	GENOA	SPI HALYARD	REEFING LINES	MAIN	GENOA	SPI SHEET	SPI GUYS	SPI POLE UPHAUL	SPI POLE FOREGUY	GENNAKER TACK-LINE	ROLLER REEFING LINE	BACKSTAYS	VANG	CUNNINGHAM	MAIN OUTHAUL	GENOA CAR TRAVELLER	MAIN CAR TRAVELLER	CONTROL LINE			
GP ROCK D® MIX TP	13	✓	✓	✓	✓	✓	✓	✓	✓			✓		✓									
GP ROCK D® MIX VP	14					✓	✓	✓	✓			✓		✓									
GP ROCK D® MIX AP	15					✓	✓	✓	✓			✓		✓									
GP ROCK D®/MIX	16	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GP ROCK D® MIX DP	17	✓	✓	✓	✓		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GP ROCK V®/MIX	18	✓	✓			✓			✓							✓	✓						
VECT K®	19									✓	✓				✓	✓	✓						
DYNE K®	20									✓	✓			✓	✓	✓	✓						
DYNE K® SBF	21									✓	✓			✓	✓	✓	✓						
STORM D PRO®	22	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
STORM D PRO® MIX TP	23	✓	✓	✓	✓	✓	✓	✓	✓			✓		✓									
STORM D PRO® MIX DT	24	✓	✓	✓	✓		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ROCK SOFT-D	25						✓	✓				✓											



CRUISING LINES





APPLICATIONS

- MAIN SHEET
- GENOA SHEET
- SPI SHEET
- SPI GUYS
- SPI POLE UPHOUL
- GENOVA CAR TRAVELLER
- MAIN CAR TRAVELLER

SEE PAGE 37

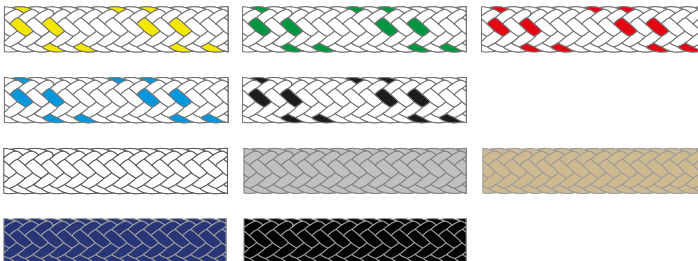
SPECIFICATIONS

MATERIAL	COVER: HT POLYESTER FIBER INNER COVER: - CORE: HT POLYESTER FIBER
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	COVER: 24-32 PLAIED CORE: 12 PLAIED
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
WORKING STRETCH	<6%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	GOOD
DRY ABRASION	GOOD
STANDARD	ISO 10547
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
206	6	3,15	1.080
206	8	5,30	1.550
206	10	8,20	2.330
206	12	11,45	3.270
206	14	15,45	4.370
206	16	19,65	5.630
206	18	25,70	7.000
206	20	31,30	8.600
206	22	38,25	10.300
206	24	44,80	13.100

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



BENEFITS / FEATURES

- OUTSTANDING FLEXIBILITY
- EASY TO SPLICE
- GREAT VALUE FOR MONEY
- DURABLE
- VERY LONG SERVICE LIFE

LUPES® PLAIN TIGHT



BENEFITS / FEATURES

- OUTSTANDING FLEXIBILITY
- EASY HANDLING
- GREAT VALUE FOR MONEY
- DURABLE
- VERY LONG SERVICE LIFE

APPLICATIONS

- MAIN SHEET
- GENOA SHEET
- SPI SHEET
- SPI GUYS
- SPI POLE UPHAUL
- GENOVA CAR TRAVELLER
- MAIN CAR TRAVELLER

SEE PAGE 37

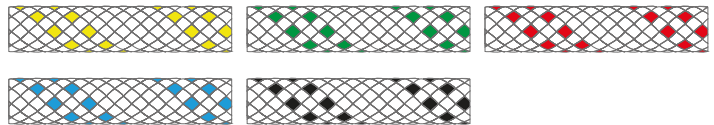
SPECIFICATIONS

MATERIAL	COVER: HT POLYESTER FIBER INNER COVER: - CORE: HT POLYESTER FIBER
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	COVER: 32 PLAITED CORE: 12 PLAITED
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
WORKING STRETCH	<6%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	GOOD
DRY ABRASION	GOOD
STANDARD	ISO 10547
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
306	6	3,15	1.080
306	8	5,30	1.550
306	10	8,45	2.330
306	12	11,25	3.270
306	14	15,45	4.370
306	16	19,65	5.630
306	18	25,70	7.000
306	20	30,85	8.600
306	22	38,25	10.300
306	24	44,80	13.100

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)





APPLICATIONS

- MAIN SHEET
- GENOA SHEET
- SPI SHEET

SEE PAGE 37

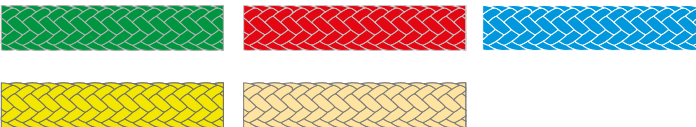
SPECIFICATIONS

MATERIAL	COVER: POLYESTER STAPLE FIBER INNER COVER: - CORE: HT POLYESTER FIBER
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	COVER: 16-20-24 PLAITED CORE: 12 PLAITED
UV RESISTANCE	GOOD
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
WORKING STRETCH	<6%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	SUFFICIENT
DRY ABRASION	SUFFICIENT
STANDARD	-
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
011	6	2,70	1.080
011	8	4,10	1.550
011	10	6,65	2.330
011	12	9,50	3.270
011	14	13,60	4.370
011	16	17,15	5.630

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



BENEFITS / FEATURES

- OUTSTANDING FLEXIBILITY
- EASY TO SPLICE
- SUITABLE FOR WINCHES
- EXCELLENT GRIP
- SUPPLE SURFACE

LUPES® LS 



- BENEFITS / FEATURES**
- EASY TO SPLICE
 - DURABLE
 - VERY LONG SERVICE LIFE
 - HIGH BREAKING LOAD
 - SHARES THE LOAD EQUALLY BETWEEN COVER AND CORE
 - STRETCHES LESS THAN THE STANDARD POLYESTER

- APPLICATIONS**
- MAIN HALYARD
 - GENOA HALYARD
 - SPI HALYARD
 - REEFING LINES
 - MAIN SHEET
 - GENOA SHEET
 - SPI SHEET
- SEE PAGE 37

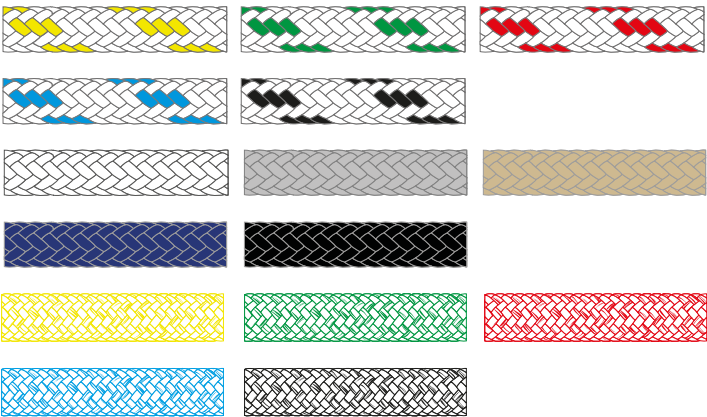
SPECIFICATIONS

MATERIAL	COVER: HT POLYESTER FIBER INNER COVER: - CORE: COATED HT POLYESTER FIBER
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	COVER: 24-32 PLAITED CORE: 12 PLAITED
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
WORKING STRETCH	<4%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	GOOD
DRY ABRASION	GOOD
STANDARD	ISO 10547
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
207-227	6	3,10	1.200
207-227	8	5,25	1.700
207-227	10	8,10	2.560
207-227	12	11,35	3.600
207-227	14	15,30	4.800
207-227	16	19,45	6.500
207-227	18	25,45	8.200
207-227	20	31,00	10.000
207-227	22	37,90	12.000
207-227	24	44,40	14.250

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)





APPLICATIONS

- MAIN HALYARD
- GENOA HALYARD
- SPI HALYARD
- REEFING LINES
- MAIN SHEET
- GENOA SHEET
- SPI SHEET

SEE PAGE 37

SPECIFICATIONS

MATERIAL	COVER: HT POLYESTER FIBER INNER COVER: - CORE: COATED HT POLYESTER FIBER
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	COVER: 24 PLAITED CORE: 12 PLAITED
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
WORKING STRETCH	<4%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	GOOD
DRY ABRASION	GOOD
STANDARD	ISO 10547
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST



ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
237	6	3,10	1.200
237	8	5,25	1.700
237	10	8,10	2.560
237	12	11,35	3.600
237	14	15,30	4.800
237	16	19,45	6.500
237	18	25,45	8.200
237	20	31,00	10.000
237	22	37,90	12.000
237	24	44,40	14.250

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



TURKEY



USA



UK



GERMANY



ITALY



FRANCE



GREECE



SWISS



HOLLAND



SWEDEN



SPAIN



RUSSIA



BENEFITS / FEATURES

- EASY TO SPLICE
- DURABLE
- VERY LONG SERVICE LIFE
- HIGH BREAKING LOAD
- SHARES THE LOAD EQUALLY BETWEEN COVER AND CORE
- STRETCHES LESS THAN THE STANDARD POLYESTER



LUPES® LS TIGHT



BENEFITS / FEATURES

- EASY HANDLING
- DURABLE
- VERY LONG SERVICE LIFE
- HIGH BREAKING LOAD
- SHARES THE LOAD EQUALLY BETWEEN COVER AND CORE
- STRETCHES LESS THAN THE STANDARD POLYESTER

APPLICATIONS

- MAIN HALLYARD
- GENOA HALLYARD
- SPI HALLYARD
- REEFING LINES
- MAIN SHEET
- GENOA SHEET
- SPI SHEET

SEE PAGE 37

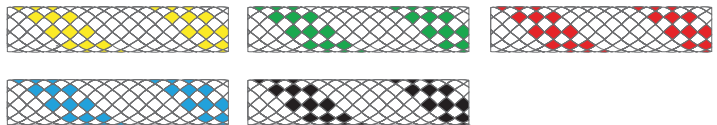
SPECIFICATIONS

MATERIAL	COVER: HT POLYESTER FIBER INNER COVER: - CORE: COATED HT POLYESTER FIBER
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	COVER: 32 PLAITED CORE: 12 PLAITED
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
WORKING STRETCH	<4%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	GOOD
DRY ABRASION	GOOD
STANDARD	ISO 10547
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
307	6	3,10	1.200
307	8	5,30	1.700
307	10	8,35	2.560
307	12	11,10	3.600
307	14	15,30	4.800
307	16	19,45	6.500
307	18	25,45	8.200
307	20	30,50	10.000
307	22	37,90	12.000
307	24	44,40	14.250

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



ROPE APPLICATIONS FOR CRUISING

ROPE NAMES	PAGE	HALYARDS				SHEETS				CONTROL LINES									
		MAIN	GENOA	SPI HALYARD	REEFING LINES	MAIN	GENOA	SPI SHEET	SPI GUYS	SPI POLE UPHAUL	SPI POLE FOREGUY	GENNAKER TACK-LINE	ROLLER REEFING LINE	BACKSTAYS	VANG	CUNNINGHAM	MAIN OUTHAUL	GENOA CAR TRAVELLER	MAIN CAR TRAVELLER
DYNE K®	20									✓		✓			✓		✓	✓	✓
DYNE K® SBF	21									✓		✓			✓		✓	✓	✓
STORM D PRO®/MIX	22	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LUPES® PLAIN	31					✓	✓	✓	✓	✓							✓	✓	
LUPES® PLAIN TIGHT	32					✓	✓	✓	✓	✓							✓	✓	
LUPES® SOFT	33					✓	✓	✓											
LUPES® LS/MIX	34	✓	✓	✓	✓	✓	✓	✓	✓	✓							✓		
LUPES® LS WORLD	35	✓	✓	✓	✓	✓	✓	✓	✓	✓							✓		
LUPES® LS TIGHT	36	✓	✓	✓	✓	✓	✓	✓	✓	✓							✓		



DINGHY LINES



**APPLICATIONS**

MAIN HALYARD

SEE PAGE 47

SPECIFICATIONS

MATERIAL	COATED DYNEEMA® SK 78/99
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%
FIBER WATER ABSORPTION	NONE
WET ABRASION	EXCELLENT
DRY ABRASION	EXCELLENT
LENGTH	100-200 M PLASTIC SPOOL

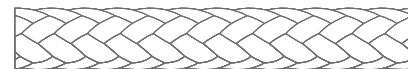
OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*	
			SK78 (ART.NO: 005)	SK99 (ART.NO: 505)
005-505	2	0,25	425	502
005-505	3	0,50	950	1.121
005-505	4	0,95	1.650	1.947
005-505	5	1,50	2.600	3.068
005-505	6	2,30	3.750	4.425
005-505	8	4,00	6.600	7.788

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



005-505 DYNE K® 78/99

**BENEFITS / FEATURES**

- SUPERIOR ABRASION RESISTANCE
- EXCELLENT BREAKING LOAD (SK99)
- BUOYANT
- DURABLE
- VERY LOW STRETCH
- LIGHTWEIGHT
- EASY TO SPLICE

**APPLICATIONS**

MAIN HALYARD

SEE PAGE 47

SPECIFICATIONS

MATERIAL	COVER: HT POLYESTER FIBER CORE: COATED VECTRAN® FIBER
SPECIFIC GRAVITY	APPROX. 1,38 KG/DM ³
CONSTRUCTION	COVER: 20-24 PLAITED, CORE: 12 PLAITED
UV RESISTANCE	POOR
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
WORKING STRETCH	<1%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	GOOD
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD
			(kgf)*
121	3	1,10	450
121	4	1,30	750
121	5	1,85	1.150
121	6	2,85	1.750
121	7	3,70	2.300

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)

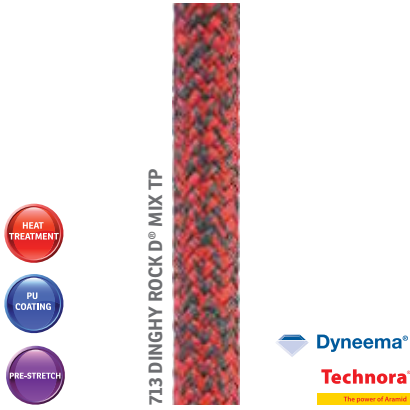


121 DINGHY ROCK V® MIX

**BENEFITS / FEATURES**

- GOOD PERFORMANCE IN JAMMERS
- HIGH BREAKING LOAD
- EXTREMELY LOW STRETCH
- EASY TO SPLICE

DINGHY ROCK D® MIX TP



BENEFITS / FEATURES
GOOD GRIP ON WINCHES
VERY GOOD PERFORMANCE IN JAMMERS
VERY GOOD HEAT RESISTANCE
LOW STRETCH
EASY TO SPLICE

APPLICATIONS

MAIN SHEET

SEE PAGE 47

SPECIFICATIONS

MATERIAL	COVER: TECHNORA® & HT POLYESTER FIBER CORE: COATED DYNEEMA® SK 78
SPECIFIC GRAVITY	0,99-1,20 KG/DM ³
CONSTRUCTION	COVER: 20-24 PLAITED, CORE: 16 PLAITED
UV RESISTANCE	SUFFICIENT
CHEMICAL RESISTANCE	EXCELLENT
MELTING POINT	147°C-256°C
CRITICAL TEMPERATURE	65°C
WORKING STRETCH	<1,5%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	EXCELLENT
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
713	4	1,25	925
713	5	1,70	1.350
713	6	2,60	2.250

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)

DINGHY RACING HAWK



BENEFITS / FEATURES
VERY GOOD PERFORMANCE IN THE CLAMPS
LOW STRETCH
LIGHTWEIGHT
EASY TO SPLICE
HIGH BREAKING LOAD

APPLICATIONS

REEFING LINES

SEE PAGE 47

SPECIFICATIONS

MATERIAL	COVER: DYNEEMA® SK 78-HT POLYAMIDE FIBER CORE: COATED DYNEEMA® SK 78-PPM FIBER
SPECIFIC GRAVITY	0,99-1,10 KG/DM ³
CONSTRUCTION	COVER: 16 PLAITED, CORE: 12 PLAITED
UV RESISTANCE	VERY GOOD
CHEMICAL RESISTANCE	GOOD
MELTING POINT	147°C
CRITICAL TEMPERATURE	65°C
WORKING STRETCH	<2%
FIBER WATER ABSORPTION	APPROX. %0-1
WET ABRASION	EXCELLENT
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
791	6	1,60	1.100
791	8	2,90	2.000
791	10	5,95	3.000
791	12	7,45	3.600

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



ROCK D® MIX

APPLICATIONS

REEFING LINES

SEE PAGE 47

SPECIFICATIONS

MATERIAL	COVER: HT POLYESTER FIBER CORE: COATED DYNEEMA® SK 78
SPECIFIC GRAVITY	0,99-1,20 KG/DM ³
CONSTRUCTION	COVER: 20-24 PLAITED, CORE: 16 PLAITED
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	147°C-256°C
CRITICAL TEMPERATURE	65°C
WORKING STRETCH	<1,5%
FIBER WATER ABSORPTION	APPROX. %0-1
WET ABRASION	GOOD
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
202	3	0,95	420
202	4	1,10	820
202	5	1,55	1.300
202	6	2,45	1.850
202	7	3,30	2.750

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



Dyneema®



BENEFITS / FEATURES

GOOD PERFORMANCE IN JAMMERS
 LOW STRETCH
 EASY TO SPLICE



ROCK SOFT- D

APPLICATIONS

MAIN SHEET

SEE PAGE 47

SPECIFICATIONS

MATERIAL	BLENDED DYNEEMA® SK 78-POLYESTER STAPLE FIBER
SPECIFIC GRAVITY	0,99-1,20 KG/DM ³
CONSTRUCTION	8 PLAITED (HOLLOW BRAID)
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	147°C
CRITICAL TEMPERATURE	65°C
WORKING STRETCH	<2%
FIBER WATER ABSORPTION	APPROX. %0-1
WET ABRASION	GOOD
LENGTH	100-200 M PLASTIC SPOOL

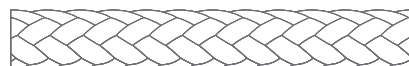
OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
205	3	0,57	350
205	4	0,78	550
205	5	1,30	900
205	6	2,05	1.350
205	8	3,65	2.350

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



Dyneema®



BENEFITS / FEATURES

VERY SUITABLE FOR JAMMERS
 COMFORTABLE HANDLING
 LOW STRETCH
 LIGHTWEIGHT
 EXCELLENT DINGHY SHEET
 HIGH KNOTTED STRENGTH

DYNE K® SBF 



BENEFITS / FEATURES
SUPERIOR BENDING FATIGUE (SBF)
EXCELLENT BREAKING LOAD (SK99)
BUOYANT
DURABLE
VERY LOW STRETCH
LIGHTWEIGHT
EASY TO SPLICE
DOES NOT KINK

APPLICATIONS
MAIN HALYARD
SEE PAGE 47

SPECIFICATIONS	
MATERIAL	COATED DYNEEMA® SK 78/99
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%
FIBER WATER ABSORPTION	NONE
WET ABRASION	EXCELLENT
DRY ABRASION	EXCELLENT
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*	
			SK78 (ART.NO: 005)	SK99 (ART.NO: 505)
405-605	2	0,25	425	502
405-605	3	0,50	950	1.121
405-605	4	0,95	1.650	1.947
405-605	5	1,50	2.600	3.068
405-605	6	2,30	3.750	4.425
405-605	8	4,00	6.600	7.788

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)

LUPES® SOFT 



BENEFITS / FEATURES
OUTSTANDING FLEXIBILITY
EASY TO SPLICE
SUITABLE FOR WINCHES
EXCELLENT GRIP
SUPPLE SURFACE

APPLICATIONS
MAIN SHEET
SEE PAGE 47

SPECIFICATIONS	
MATERIAL	COVER: POLYESTER STAPLE FIBER CORE: HT POLYESTER FIBER
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	COVER: 16-20-24 PLAITED, CORE: 12 PLAITED
UV RESISTANCE	GOOD
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
WORKING STRETCH	<6%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	SUFFICIENT
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
011	6	2,70	1.080
011	8	4,10	1.550
011	10	6,65	2.330
011	12	9,50	3.270

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



LUPES® PLAIN

APPLICATIONS

MAIN SHEET

SEE PAGE 47

SPECIFICATIONS

MATERIAL	COVER: HT POLYESTER FIBER CORE: HT POLYESTER FIBER
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	COVER: 24 PLAITED, CORE: 12 PLAITED
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
WORKING STRETCH	<6%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	GOOD
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
206	6	3,15	1.080
206	8	5,30	1.550
206	10	8,20	2.330
206	12	11,45	3.270

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



BENEFITS / FEATURES

- OUTSTANDING FLEXIBILITY
- EASY TO SPLICE
- GREAT VALUE FOR MONEY
- DURABLE
- VERY LONG SERVICE LIFE



LUPES® LS

APPLICATIONS

MAIN HALYARD

SEE PAGE 47

SPECIFICATIONS

MATERIAL	COVER: HT POLYESTER FIBER CORE: COATED HT POLYESTER FIBER
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	COVER: 24 PLAITED, CORE: 12 PLAITED
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
WORKING STRETCH	<4%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	GOOD
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
207-227	6	3,10	1.200
207-227	8	5,25	1.700
207-227	10	8,10	2.560
207-227	12	11,35	3.600

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



BENEFITS / FEATURES

- EASY TO SPLICE
- DURABLE
- VERY LONG SERVICE LIFE
- HIGH BREAKING LOAD
- SHARES THE LOAD EQUALLY BETWEEN COVER AND CORE
- STRETCHES LESS THAN THE STANDARD POLYESTER





LUPES® CORD

APPLICATIONS

CONTROL LINE

SEE PAGE 47

SPECIFICATIONS

MATERIAL	COVER: HT POLYESTER FIBER CORE: HT POLYESTER FIBER
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	COVER: 16-20 PLAITED, CORE: PARALLEL BRAIDED
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
WORKING STRETCH	<5%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	GOOD
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
607	3	0,65	180
607	4	1,20	300
607	5	1,80	460
607	6	2,60	660

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



607 LUPES® CORD



BENEFITS / FEATURES

- OUTSTANDING FLEXIBILITY
- GREAT VALUE FOR MONEY
- LOW STRETCH



LUPES® RUNNER

APPLICATIONS

MAIN HALYARD

SEE PAGE 47

SPECIFICATIONS

MATERIAL	COVER: HT POLYESTER FIBER CORE: HT POLYESTER FIBER
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	COVER: 16-20 PLAITED, CORE: PARALLEL YARN
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
WORKING STRETCH	<4%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	GOOD
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
187	3	0,70	190
187	4	1,25	390
187	5	1,85	670
187	6	2,70	870

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



187 LUPES® RUNNER



BENEFITS / FEATURES

- OUTSTANDING FLEXIBILITY
- GREAT VALUE FOR MONEY
- LOWEST STRETCH IN STANDARD POLYESTER

LUPP® CORD



BENEFITS / FEATURES
OUTSTANDING FLEXIBILITY
ECONOMICALLY PRICED
LOW STRETCH
BUOYANT

APPLICATIONS

CONTROL LINE

SEE PAGE 47

SPECIFICATIONS

MATERIAL	COVER: HT POLYPROPYLENE FIBER CORE: HT POLYPROPYLENE FIBER
SPECIFIC GRAVITY	0,91 KG/DM ³
CONSTRUCTION	COVER: 16-20 PLAITED, CORE: PARALLEL BRAIDED
UV RESISTANCE	SUFFICIENT
CHEMICAL RESISTANCE	VERY GOOD
MELTING POINT	165°C
CRITICAL TEMPERATURE	80°C
WORKING STRETCH	<6%
FIBER WATER ABSORPTION	NONE
WET ABRASION	SUFFICIENT
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
309	4	0,75	250
309	5	1,15	400
309	6	1,60	550

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



ROPE APPLICATIONS FOR DINGHY

ROPE NAMES	PAGE	HALYARDS				SHEETS			CONTROL LINES										
		MAIN	GENOA	SPI HALYARD	REEFING LINES	MAIN	GENOA	SPINNAKER	SPI POLE UPHAUL	SPI POLE FOREGUY	ROLLER REEFING LINE	TOPMAST BACKSTAY	TRAPEZ LINE	BOOM VANG	CUNNINGHAM	MAIN OUTHAUL	GENOA CAR TRAVELLER	MAIN CAR TRAVELLER	CONTROL LINE
DYNE K®	39	✓	✓					✓	✓			✓	✓						✓
DINGHY ROCK V® MIX	39	✓	✓			✓									✓				✓
DINGHY ROCK D® MIX TP	40					✓	✓	✓											
DINGHY RACING HAWK	40				✓				✓	✓			✓	✓	✓	✓	✓	✓	✓
ROCK D® MIX	41	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
ROCK SOFT - D	41					✓	✓	✓											
DYNE K® SBF	42	✓	✓						✓	✓			✓	✓					✓
LUPES® SOFT	42					✓	✓	✓											
LUPES® PLAIN	43					✓	✓	✓	✓	✓	✓			✓	✓	✓	✓		
LUPES® LS	43	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓		
LUPES® CORD	45																		✓
LUPES® RUNNER	45	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓		
LUPP® CORD	46																		✓



MOORING LINES





APPLICATIONS

DOCK LINE
ANCHOR LINE
TOWING LINE

SEE PAGE 73

SPECIFICATIONS

MATERIAL	100% HT POLYESTER FIBER
TYPE	-
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	COVER: 16-20-24 PLAITED, CORE: 16 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	GOOD
DRY ABRASION	GOOD
COLOUR	WHITE-NAVY BLUE-BLACK
STANDARD	-
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS ON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
010	8	4,85	1.320
010	10	7,45	2.050
010	12	11,00	2.900
010	14	14,80	3.910
010	16	19,35	5.070
010	18	24,80	6.370
010	20	30,40	7.800
010	22	36,85	9.380
010	24	43,65	11.110
010	26	51,25	12.450
010	28	59,25	14.990

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



010 LUPES® VIPERA



BENEFITS / FEATURES

- DOES NOT HARDEN
- DOES NOT KINK
- SOFT HAND
- DURABLE
- FLEXIBLE COVER
- HIGH BREAKING LOAD

LUPA® VIPERA



BENEFITS / FEATURES
DOES NOT HARDEN
DOES NOT KINK
SOFT HAND
DURABLE
FLEXIBLE COVER
HIGH BREAKING LOAD
EXCELLENT SHOCK ABSORPTION

APPLICATIONS

- DOCK LINE
- ANCHOR LINE
- TOWING LINE

SEE PAGE 73

SPECIFICATIONS

MATERIAL	100% HT POLYAMIDE FIBER
TYPE	-
SPECIFIC GRAVITY	1,14 KG/DM ³
CONSTRUCTION	COVER: 16-20-24 PLAITED, CORE: 16 PLAITED
UV RESISTANCE	VERY GOOD
CHEMICAL RESISTANCE	GOOD
MELTING POINT	218°C
CRITICAL TEMPERATURE	130°C
ELONGATION AT BREAK	APPROX.%30
FIBER WATER ABSORPTION	APPROX. %3-4
WET ABRASION	SUFFICIENT
DRY ABRASION	GOOD
COLOUR	WHITE-NAVY BLUE-BLACK
STANDARD	-
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS ON REQUEST

ART.NO	DIA	WEIGHT	B. LOAD
	(Ø)	(kg/100 m)	(kgf)*
208	8	4,10	1.420
208	10	6,20	2.220
208	12	9,20	3.190
208	14	12,40	4.330
208	16	16,25	5.640
208	18	20,40	7.120
208	20	25,50	8.790
208	22	31,00	10.600
208	24	36,65	12.640
208	26	43,00	14.790
208	28	49,75	17.130

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)





APPLICATIONS

DOCK LINE
TOWING LINE

SEE PAGE 73

SPECIFICATIONS

MATERIAL	100% HT POLYPROPYLENE FIBER
TYPE	-
SPECIFIC GRAVITY	0,91 KG/DM ³
CONSTRUCTION	COVER: 16-20-24 PLAITED, CORE: 16 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
COLOUR	WHITE-NAVY BLUE-BLACK
STANDARD	-
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS ON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
109	8	2,90	1.000
109	10	4,20	1.510
109	12	6,20	2.100
109	14	9,10	3.000
109	16	10,90	4.000
109	18	14,50	4.975
109	20	18,15	6.045
109	22	21,75	7.200
109	24	25,90	8.425
109	26	30,35	9.765
109	28	34,95	12.000

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



109 LUPP® VIPERA



BENEFITS / FEATURES

- DOES NOT HARDEN
- DOES NOT KINK
- SOFT HAND
- FLEXIBLE COVER
- ECONOMICALLY PRICED
- BUOYANT

LUPES® VIPERA PREMIER



210 LUPES® VIPERA PREMIER



BENEFITS / FEATURES

- DOES NOT HARDEN
- DOES NOT KINK
- SOFT HAND
- DURABLE
- SUPERIOR CHAFE COVER
- HIGH BREAKING LOAD

APPLICATIONS

- DOCK LINE
- ANCHOR LINE
- TOWING LINE

SEE PAGE 73

SPECIFICATIONS

MATERIAL	100% HT POLYESTER FIBER
TYPE	-
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	COVER: 32 PLAITED, CORE: 12 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	GOOD
DRY ABRASION	GOOD
COLOUR	WHITE-NAVY BLUE-BLACK
STANDARD	-
LENGTH	100-200 M WOODEN SPOOL OR COIL

OTHER COLOURS ON REQUEST

ART.NO	DIA	WEIGHT	B.LOAD
	(Ø)	(kg/100 m)	(kgf)*
210	30	68,35	19.000
210	32	76,30	21.500
210	34	89,05	24.250
210	36	97,00	27.000
210	38	109,75	30.000
210	40	120,80	33.000
210	42	133,60	36.500
210	44	146,35	40.000
210	46	159,15	43.500
210	48	176,75	47.000
210	56	239,20	63.000

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)





LUPA® VIPERA PREMIER

APPLICATIONS

DOCK LINE
ANCHOR LINE
TOWING LINE

SEE PAGE 73

SPECIFICATIONS

MATERIAL	100% HT POLYAMIDE FIBER
TYPE	-
SPECIFIC GRAVITY	1,14 KG/DM ³
CONSTRUCTION	COVER: 32 PLAITED, CORE: 12 PLAITED
UV RESISTANCE	VERY GOOD
CHEMICAL RESISTANCE	GOOD
MELTING POINT	218°C
CRITICAL TEMPERATURE	130°C
ELONGATION AT BREAK	APPROX.%30
FIBER WATER ABSORPTION	APPROX. %3-4
WET ABRASION	SUFFICIENT
DRY ABRASION	GOOD
COLOUR	WHITE-NAVY BLUE-BLACK
STANDARD	-
LENGTH	100-200 M WOODEN SPOOL OR COIL

OTHER COLOURS ON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
228	30	53,40	19.700
228	32	59,60	22.400
228	34	69,60	25.300
228	36	75,80	28.250
228	38	85,75	31.500
228	40	94,40	34.800
228	42	104,35	38.400
228	44	114,35	42.000
228	46	124,30	46.000
228	48	134,30	50.000
228	56	186,85	67.800

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



228 LUPA® VIPERA PREMIER



BENEFITS / FEATURES

- DOES NOT HARDEN
- DOES NOT KINK
- SOFT HAND
- DURABLE
- SUPERIOR CHAFE COVER
- HIGH BREAKING LOAD
- EXCELLENT SHOCK ABSORPTION

LUPP® VIPERA PREMIER



210 LUPP® VIPERA PREMIER



BENEFITS / FEATURES

- DOES NOT HARDEN
- DOES NOT KINK
- SOFT HAND
- SUPERIOR CHAFE COVER
- ECONOMICALLY PRICED
- BUOYANT

APPLICATIONS

- DOCK LINE
- TOWING LINE

SEE PAGE 73

SPECIFICATIONS

MATERIAL	100% HT POLYPROPYLENE FIBER
TYPE	-
SPECIFIC GRAVITY	0,91 KG/DM ³
CONSTRUCTION	COVER: 32 PLAITED, CORE: 12 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
COLOUR	WHITE-NAVY BLUE-BLACK
STANDARD	-
LENGTH	100-200 M WOODEN SPOOL OR COIL

OTHER COLOURS ON REQUEST

ART.NO	DIA	WEIGHT	B. LOAD
	(Ø)	(kg/100 m)	(kgf)*
238	30	40,50	12.000
238	32	46,60	13.200
238	34	52,55	15.000
238	36	58,10	16.000
238	38	63,45	18.200
238	40	72,25	20.500
238	42	81,05	22.800
238	44	86,40	25.000
238	46	95,20	27.300
238	48	103,95	29.600
238	56	141,05	41.000

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)





LUPES® EUROPA



110 LUPES® EUROPA



BENEFITS / FEATURES

- DOES NOT HARDEN
- DOES NOT KINK
- SUPERIOR SOFT HAND
- DURABLE
- FLEXIBLE COVER
- HIGH BREAKING LOAD

APPLICATIONS

- DOCK LINE
- ANCHOR LINE
- TOWING LINE

SEE PAGE 73

SPECIFICATIONS

MATERIAL	100% HT POLYESTER FIBER
TYPE	-
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	COVER: 24 PLAITED, CORE: 12 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	GOOD
DRY ABRASION	GOOD
COLOUR	NAVY BLUE-BLACK
STANDARD	-
LENGTH	100-200 M WOODEN SPOOL OR COIL

OTHER COLOURS ON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
110	24	42,80	11.500
110	28	57,15	15.000
110	32	76,45	20.000
110	36	95,75	24.000
110	40	117,50	28.500

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)





APPLICATIONS

DOCK LINE

ANCHOR LINE

TOWING LINE

SEE PAGE 73

SPECIFICATIONS

MATERIAL	100% HT POLYAMIDE FIBER
TYPE	-
SPECIFIC GRAVITY	1,14 KG/DM ³
CONSTRUCTION	COVER: 24 PLAITED, CORE: 12 PLAITED
UV RESISTANCE	VERY GOOD
CHEMICAL RESISTANCE	GOOD
MELTING POINT	218°C
CRITICAL TEMPERATURE	130°C
ELONGATION AT BREAK	APPROX.%30
FIBER WATER ABSORPTION	APPROX. %3-4
WET ABRASION	SUFFICIENT
DRY ABRASION	GOOD
COLOUR	NAVY BLUE-BLACK
STANDARD	-
LENGTH	100-200 M WOODEN SPOOL OR COIL

OTHER COLOURS ON REQUEST

ART.NO	DIA	WEIGHT	B.LOAD
	(Ø)	(kg/100 m)	(kgf)*
408	24	35,10	12.000
408	28	45,40	16.000
408	32	61,20	21.000
408	36	77,00	25.500
408	40	94,65	30.000

*UNSPLICED BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



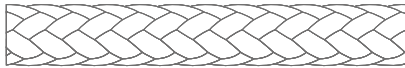
408 LUPA® EUROPA



BENEFITS / FEATURES

- DOES NOT HARDEN
- DOES NOT KINK
- SUPERIOR SOFT HAND
- DURABLE
- FLEXIBLE COVER
- HIGH BREAKING LOAD
- EXCELLENT SHOCK ABSORPTION

LUPES® ROUND



BENEFITS / FEATURES
DOES NOT HARDEN
DOES NOT KINK
SOFT HAND
DURABLE
HIGH BREAKING LOAD
EASY TO SPLICE

APPLICATIONS

- DOCK LINE
- ANCHOR LINE
- TOWING LINE

SEE PAGE 73

SPECIFICATIONS

MATERIAL	100% HT POLYESTER FIBER
TYPE	T
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
ELONGATION AT BREAK	APPROX. %15-20
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	GOOD
DRY ABRASION	GOOD
COLOUR	WHITE-NAVY BLUE-BLACK
STANDARD	EN ISO 1141
LENGTH	100-200 M WOODEN SPOOL OR COIL

OTHER COLOURS ON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
217	20	30,40	8.250
217	22	36,70	10.000
217	24	43,70	11.500
217	26	51,20	13.500
217	28	59,50	15.500
217	30	68,30	17.750
217	32	77,70	20.000
217	34	88,00	22.500
217	36	98,40	25.000
217	38	109,70	29.000
217	40	121,00	33.000
217	42	134,00	36.250
217	44	147,00	39.500
217	46	161,00	42.750
217	48	175,00	46.000
217	52	205,00	54.000
217	56	238,00	62.000
217	60	273,00	71.000
217	64	311,00	80.000
217	72	393,00	100.000
217	80	486,00	123.000
217	88	588,00	148.000
217	96	699,00	175.000

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)





APPLICATIONS

- DOCK LINE
- ANCHOR LINE
- TOWING LINE

SEE PAGE 73

SPECIFICATIONS

MATERIAL	100% HT POLYAMIDE FIBER
TYPE	T
SPECIFIC GRAVITY	1,14 KG/DM ³
CONSTRUCTION	12 STRAND BRAIDED
UV RESISTANCE	VERY GOOD
CHEMICAL RESISTANCE	GOOD
MELTING POINT	218°C
CRITICAL TEMPERATURE	130°C
ELONGATION AT BREAK	APPROX.%30-35
FIBER WATER ABSORPTION	APPROX. %3-4
WET ABRASION	SUFFICIENT
DRY ABRASION	GOOD
COLOUR	WHITE-NAVY BLUE-BLACK
STANDARD	EN ISO 1141
LENGTH	100-200 M WOODEN SPOOL OR COIL

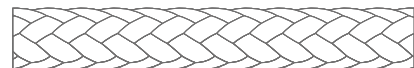
OTHER COLOURS ON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
216	20	25,00	8.670
216	22	30,50	10.300
216	24	36,00	12.030
216	26	42,50	14.500
216	28	49,00	17.000
216	30	56,00	19.000
216	32	64,00	21.125
216	34	72,50	24.310
216	36	81,00	27.500
216	38	90,50	30.750
216	40	100,00	34.000
216	42	110,50	37.500
216	44	121,00	41.000
216	46	132,50	44.500
216	48	144,20	48.000
216	52	170,00	58.000
216	56	197,00	68.000
216	60	226,00	76.250
216	64	257,00	84.500
216	72	325,00	110.000
216	80	401,00	129.000
216	88	486,00	152.000
216	96	578,00	183.000

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



216 LUPA® ROUND



BENEFITS / FEATURES
DOES NOT HARDEN
DOES NOT KINK
SOFT HAND
DURABLE
HIGH BREAKING LOAD
EXCELLENT SHOCK ABSORPTION
EASY TO SPLICE

LUPP® ROUND 



BENEFITS / FEATURES
DOES NOT HARDEN
DOES NOT KINK
SOFT HAND
ECONOMICALLY PRICED
BUOYANT
EASY TO SPLICE

APPLICATIONS
DOCK LINE
TOWING LINE

SEE PAGE 73

SPECIFICATIONS	
MATERIAL	100% HT POLYPROPYLENE FIBER
TYPE	T
SPECIFIC GRAVITY	0,91 KG/DM ³
CONSTRUCTION	12 STRAND BRAIDED
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
COLOUR	WHITE-NAVY BLUE-BLACK
STANDARD	EN ISO 1346
LENGTH	100-200 M WOODEN SPOOL OR COIL

OTHER COLOURS ON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
218	20	18,10	6.500
218	22	21,90	7.740
218	24	26,00	9.060
218	26	30,80	10.500
218	28	35,40	12.900
218	30	40,70	14.600
218	32	46,30	16.400
218	34	52,40	18.250
218	36	58,60	20.100
218	38	65,40	22.200
218	40	72,30	24.300
218	42	79,90	26.650
218	44	87,50	29.000
218	46	95,70	31.350
218	48	104,00	33.700
218	52	122,20	39.150
218	56	142,00	44.600
218	60	163,00	50.700
218	64	185,00	56.800
218	72	234,00	70.200
218	80	289,00	86.000
218	88	350,00	102.000
218	96	417,00	120.000

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)





LUPES® SQUARE



BENEFITS / FEATURES
DOES NOT HARDEN
DOES NOT KINK
SOFT HAND
DURABLE
HIGH BREAKING LOAD
EASY TO SPLICE

APPLICATIONS

- DOCK LINE
- ANCHOR LINE
- TOWING LINE

SEE PAGE 73

SPECIFICATIONS

MATERIAL	100% HT POLYESTER FIBER
TYPE	L
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	8 STRAND PLAITED (4X2)
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
ELONGATION AT BREAK	APPROX.%15-20
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	GOOD
DRY ABRASION	GOOD
COLOUR	WHITE-NAVY BLUE -BLACK
STANDARD	EN ISO 1141
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS ON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
017	12	10,90	2.875
017	14	14,90	3.875
017	16	19,40	5.000
017	18	24,60	6.250
017	20	30,40	8.250
017	22	36,70	10.000
017	24	43,70	11.500
017	26	51,20	13.500
017	28	59,50	15.500
017	30	68,30	17.750
017	32	77,70	20.000
017	34	88,00	22.500
017	36	98,40	25.000
017	38	109,70	29.000
017	40	121,00	33.000

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)





APPLICATIONS

- DOCK LINE
- ANCHOR LINE
- TOWING LINE

SEE PAGE 73

SPECIFICATIONS

MATERIAL	100% HT POLYAMIDE FIBER
TYPE	L
SPECIFIC GRAVITY	1,14 KG/DM ³
CONSTRUCTION	8 STRAND PLAITED (4X2)
UV RESISTANCE	VERY GOOD
CHEMICAL RESISTANCE	GOOD
MELTING POINT	218°C
CRITICAL TEMPERATURE	130°C
ELONGATION AT BREAK	APPROX.%30-35
FIBER WATER ABSORPTION	APPROX. %3-4
WET ABRASION	SUFFICIENT
DRY ABRASION	GOOD
COLOUR	WHITE-NAVY BLUE -BLACK
STANDARD	EN ISO 1140
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS ON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
016	12	9,00	3.060
016	14	12,30	4.250
016	16	16,00	5.400
016	18	20,25	6.875
016	20	25,00	8.500
016	22	30,30	10.250
016	24	36,00	12.000
016	26	42,30	14.500
016	28	49,00	17.000
016	30	56,00	19.000
016	32	64,00	21.125
016	34	72,25	24.310
016	36	81,00	27.500
016	38	90,25	30.750
016	40	100,00	34.000

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



016 LUPA® SQUARE



BENEFITS / FEATURES

- DOES NOT HARDEN
- DOES NOT KINK
- SOFT HAND
- DURABLE
- HIGH BREAKING LOAD
- EXCELLENT SHOCK ABSORPTION
- EASY TO SPLICE

LUPP® SQUARE



018 LUPP® SQUARE



BENEFITS / FEATURES

- DOES NOT HARDEN
- DOES NOT KINK
- SOFT HAND
- ECONOMICALLY PRICED
- BUOYANT
- EASY TO SPLICE

APPLICATIONS

- DOCK LINE
- TOWING LINE

SEE PAGE 73

SPECIFICATIONS

MATERIAL	100% HT POLYPROPYLENE FIBER
TYPE	L </td
SPECIFIC GRAVITY	0,91 KG/DM ³
CONSTRUCTION	8 STRAND PLAITED (4X2)
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
COLOUR	BLACK-WHITE-NAVY BLUE-ORANGE
STANDARD	EN ISO 1346
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS ON REQUEST

ART.NO	DIA	WEIGHT	B. LOAD
	(Ø)	(kg/100 m)	(kgf)*
018	12	6,51	2.280
018	14	8,86	3.225
018	16	11,60	4.310
018	18	14,60	5.350
018	20	18,10	6.500
018	22	21,90	7.740
018	24	26,00	9.060
018	26	30,60	10.500
018	28	35,40	12.900
018	30	40,70	14.600
018	32	46,30	16.400
018	36	58,60	20.100
018	40	72,30	24.300

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)







014 LUPES® TWIST



BENEFITS / FEATURES

- DOES NOT HARDEN
- SOFT HAND
- DURABLE
- HIGH BREAKING LOAD
- EASY TO SPLICE

APPLICATIONS

- DOCK LINE
- ANCHOR LINE
- TOWING LINE

SEE PAGE 73

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	256°C
CRITICAL TEMPERATURE	170°C
ELONGATION AT BREAK	APPROX. %15-20
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	GOOD
DRY ABRASION	GOOD
COLOUR	WHITE-NAVY BLUE-BLACK
STANDARD	EN ISO 1141
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS ON REQUEST

ART.NO	DIA	WEIGHT	B.LOAD
	(Ø)	(kg/100 m)	(kgf)*
014	4	1,21	325
014	5	1,90	515
014	6	2,73	720
014	8	4,85	1.300
014	10	7,58	2.060
014	12	10,90	2.875
014	14	14,90	3.875
014	16	19,40	5.000
014	18	24,60	6.250
014	20	30,30	8.250
014	22	36,70	10.000
014	24	43,70	11.500
014	26	51,20	13.500
014	28	59,40	15.500
014	30	68,20	17.750
014	32	77,60	20.000
014	36	98,20	25.000
014	40	121,00	33.000
014	48	175,00	46.000
014	56	238,00	62.000
014	64	310,00	80.000

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)





APPLICATIONS

DOCK LINE
TOWING LINE
ANCHOR LINE

SEE PAGE 73

SPECIFICATIONS

MATERIAL	100% HT POLYAMIDE FIBER
TYPE	A
SPECIFIC GRAVITY	1,14 KG/DM ³
CONSTRUCTION	3 STRAND PLAITED
UV RESISTANCE	VERY GOOD
CHEMICAL RESISTANCE	GOOD
MELTING POINT	218°C
CRITICAL TEMPERATURE	130°C
ELONGATION AT BREAK	APPROX. %30-35
FIBER WATER ABSORPTION	APPROX. %3-4
WET ABRASION	SUFFICIENT
DRY ABRASION	GOOD
COLOUR	WHITE-NAVY BLUE-BLACK
STANDARD	EN ISO 1140
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS ON REQUEST

013 LUPA® TWIST



ART.NO	DIA (Ø)	WEIGHT (kg / 100 m)	B.LOAD (kgf)*
013	4	0,98	380
013	5	1,54	570
013	6	2,22	810
013	8	3,95	1.420
013	10	6,17	2.160
013	12	8,88	3.060
013	14	12,10	4.250
013	16	15,80	5.280
013	18	20,00	6.875
013	20	24,70	8.500
013	22	29,90	10.250
013	24	35,50	12.000
013	26	41,70	14.500
013	28	48,40	17.000
013	30	55,50	19.000
013	32	63,20	21.125
013	36	80,00	27.500
013	40	98,70	34.000
013	48	142,00	48.000
013	56	193,00	68.000
013	64	253,00	84.500

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



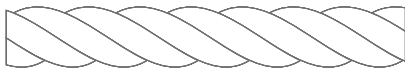
BENEFITS / FEATURES

- DOES NOT HARDEN
- SOFT HAND
- DURABLE
- HIGH BREAKING LOAD
- EXCELLENT SHOCK ABSORPTION
- EASY TO SPLICE

LUPP® TWIST



015 LUPP® TWIST



BENEFITS / FEATURES

- DOES NOT HARDEN
- SOFT HAND
- ECONOMICALLY PRICED
- BUOYANT
- EASY TO SPLICE

APPLICATIONS

- DOCK LINE
- TOWING LINE

SEE PAGE 73

SPECIFICATIONS

MATERIAL	100% HT POLYPROPYLENE FIBER
TYPE	A
SPECIFIC GRAVITY	0,91 KG/DM ³
CONSTRUCTION	3 STRAND
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
COLOUR	WHITE-NAVY BLUE-BLACK-BLUE
STANDARD	EN ISO 1346
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL

OTHER COLOURS ON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
015	4	0,72	320
015	5	1,13	480
015	6	1,63	680
015	8	2,89	1.200
015	10	4,52	1.730
015	12	6,51	2.550
015	14	8,86	3.410
015	16	11,60	4.330
015	18	14,60	5.400
015	20	18,10	6.500
015	22	21,90	7.740
015	24	26,00	9.180
015	26	30,60	10.810
015	28	35,40	12.900
015	30	40,70	14.600
015	32	46,30	16.400
015	36	58,60	20.100
015	40	72,30	24.300
015	48	104,00	34.170
015	56	142,00	44.600
015	64	185,00	57.120

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)





LUPES® TWIST SOFT 



BENEFITS / FEATURES
DOES NOT HARDEN
SOFT HAND
EASY TO SPLICE
CLASSIC LOOK

APPLICATIONS
DOCK LINE
SEE PAGE 73

SPECIFICATIONS	
MATERIAL	POLYESTER STAPLE FIBER
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	3 STRAND PLAITED
UV RESISTANCE	GOOD
CHEMICAL RESISTANCE	GOOD
MELTING POINT	225°C
CRITICAL TEMPERATURE	170°C
ELONGATION AT BREAK	APPROX.%15-20
WET ABRASION	SUFFICIENT
DRY ABRASION	SUFFICIENT
STANDARD	-
LENGTH	100-200 M PLASTIC/WOODEN SPOOL OR COIL
OTHER COLOURS & LARGE DIAMETERS UPON REQUEST	

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
019	8	5,05	850
019	10	7,55	1.200
019	12	10,10	1.600
019	14	15,10	2.400
019	16	18,90	3.400
019	18	21,40	4.700
019	20	30,25	5.500
*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)			

LUPES® SAFETY NET 



BENEFITS / FEATURES
MESH WIDTH APPROX. 45 MM
WIDTH OF NET 60 CM (2 MM-2,5 MM)
WIDTH OF NET 80 CM (3 MM)

APPLICATIONS
GUARD RAIL NETTING
SEE PAGE 73

SPECIFICATIONS	
MATERIAL	COVER : HT POLYESTER FIBER
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	12-16 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	100 M PLASTIC SPOOL
OTHER COLOURS ON REQUEST	

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
012	2	0,32	90
012	2,5	0,50	130
012	3	0,72	160
*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)			



LUPES® COVER



BENEFITS / FEATURES
GOOD KNOT RETENTION
SUPPLE SURFACE
GREAT FOR FENDERS
EASY HANDLING

APPLICATIONS
FENDER MOORING
SEE PAGE 73

SPECIFICATIONS	
MATERIAL	100% HT POLYESTER FIBER
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	24-32 PLAITED
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
WORKING STRETCH	<13%
WET ABRASION	GOOD
DRY ABRASION	GOOD
STANDARD	-
LENGTH	100-200 M PLASTIC SPOOL
OTHER COLOURS & LARGE DIAMETERS UPON REQUEST	

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
507	4-6	-	-
507	5-7	-	-
507	6-8	-	-
507	7-10	-	-
507	8-12	-	-

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)

LUPA® COVER



BENEFITS / FEATURES
GOOD KNOT RETENTION
SUPPLE SURFACE
GREAT FOR FENDERS
EXCELLENT SHOCK ABSORPTION
EASY HANDLING

APPLICATIONS
FENDER MOORING
SEE PAGE 73

SPECIFICATIONS	
MATERIAL	100% HT POLYESTER FIBER
SPECIFIC GRAVITY	1,14 KG/DM ³
CONSTRUCTION	24-32 PLAITED
UV RESISTANCE	VERY GOOD
CHEMICAL RESISTANCE	GOOD
MELTING POINT	218°C
CRITICAL TEMPERATURE	130°C
WORKING STRETCH	<20%
WET ABRASION	SUFFICIENT
DRY ABRASION	GOOD
STANDARD	-
LENGTH	100-200 M PLASTIC SPOOL
OTHER COLOURS & LARGE DIAMETERS UPON REQUEST	

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
308	4-6	-	-
308	5-7	-	-
308	6-8	-	-
308	7-10	-	-
308	8-12	-	-

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)

MOORING LINES

ROPE NAMES	LUPES® VIPERA/PREMIER	LUPA® VIPERA/PREMIER	LUPP® VIPERA/PREMIER	LUPES® EUROPA	LUPA® EUROPA	LUPES® ROUND	LUPA® ROUND	LUPP® ROUND	LUPES® SQUARE	LUPA® SQUARE	LUPP® SQUARE	LUPES® TWIST	LUPA® TWIST	LUPP® TWIST	LUPES® TWIST SOFT
PAGE	49/52	50/53	51/54	56	57	58	59	60	62	63	64	66	67	68	70
DOCK LINE															
RACING	✓			✓		✓	✓		✓	✓		✓	✓		
CRUISING	✓			✓		✓	✓		✓	✓		✓	✓		
DINGHY	✓			✓								✓	✓		
MOTOR YACHT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SUPER YACHT	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓				
TOWING LINE															
RACING						✓			✓			✓		✓	
CRUISING	✓			✓		✓			✓			✓		✓	
DINGHY														✓	
MOTOR YACHT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
SUPER YACHT	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓				
ANCHOR LINE															
RACING	✓			✓		✓	✓		✓	✓		✓	✓		
CRUISING	✓			✓		✓	✓		✓	✓		✓	✓		
DINGHY	✓			✓								✓	✓		
MOTOR YACHT	✓	✓		✓	✓	✓	✓		✓	✓		✓	✓		
SUPER YACHT	✓	✓		✓	✓	✓	✓		✓	✓					



WATER SPORTS





LUPES® WAX

APPLICATIONS

PARASAILING LINE

SPECIFICATIONS

MATERIAL	COVER: HT WAXED POLYESTER FIBER CORE: HT POLYESTER FIBER
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	COVER: 16 PLAITED, CORE: 16 PLAITED
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
WORKING STRETCH	<6%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	EXCELLENT
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA	WEIGHT	B.LOAD
	(Ø)	(kg/100 m)	(kgf)*
020	9	7,50	1.820
020	10	9,05	2.330
020	11	10,70	2.630
020	12	12,70	3.270

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



BENEFITS / FEATURES

OUTSTANDING FLEXIBILITY
HIGH BREAKING LOAD
EASY TO SPLICE



DYNEEMA®

APPLICATIONS

PARASAILING LINE

SPECIFICATIONS

MATERIAL	COATED DYNEEMA® SK 78/99
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%
FIBER WATER ABSORPTION	NONE
WET ABRASION	EXCELLENT
DRY ABRASION	EXCELLENT
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*	
			SK78 (ART.NO: 005)	SK99 (ART.NO: 505)
005-505	6	2,30	3.750	4.425
005-505	8	4,00	6.600	7.788
005-505	10	6,10	10.400	12.272
005-505	12	8,70	16.600	17.700

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



BENEFITS / FEATURES

SUPERIOR ABRASION RESISTANCE
EXCELLENT BREAKING LOAD (SK99)
BUOYANT
DURABLE
VERY LOW STRETCH
LIGHTWEIGHT
EASY TO SPLICE
DOES NOT KINK

OVERPOWER



BENEFITS / FEATURES

EXCELLENT DURABILITY
LOW STRETCH
HIGH STRENGTH

APPLICATIONS

WINDSURF OUTHAULS/DOWNHAULS

SPECIFICATIONS

MATERIAL	COATED DYNEEMA® SK 78
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	<2%
FIBER WATER ABSORPTION	NONE
WET ABRASION	EXCELLENT
DRY ABRASION	EXCELLENT
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD	
			(kgf)*	
905	3,8	0,90	650	

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)

DYNE K® SBF



BENEFITS / FEATURES

SUPERIOR BENDING FATIGUE (SBF)
EXCELLENT BREAKING LOAD (SK99)
BUOYANT
DURABLE
VERY LOW STRETCH
LIGHTWEIGHT
EASY TO SPLICE
DOES NOT KINK

APPLICATIONS

PARASAILING LINE

SPECIFICATIONS

MATERIAL	COATED DYNEEMA® SK 78/99
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%
FIBER WATER ABSORPTION	NONE
WET ABRASION	EXCELLENT
DRY ABRASION	EXCELLENT
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*	
			SK78 (ART.NO: 405)	SK99 (ART.NO: 605)
405-605	6	2,30	3.750	4.425
405-605	8	4,00	6.600	7.788
405-605	10	6,10	10.400	12.272
405-605	12	8,70	16.600	17.700

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



SAILMAKER LINES





DINGHY ROCK V® MIX

APPLICATIONS

MAIN HALYARD

SPECIFICATIONS

MATERIAL	COVER: HT POLYESTER FIBER CORE: COATED VECTRAN® FIBER
SPECIFIC GRAVITY	APPROX. 1,38 KG/DM ³
CONSTRUCTION	COVER: 20-24 PLAITED, CORE: 12 PLAITED
UV RESISTANCE	POOR
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
WORKING STRETCH	<1%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	GOOD
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

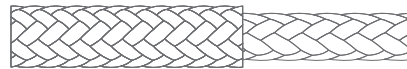
ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
121	3	1,10	450
121	4	1,30	750
121	5	1,85	1.150
121	6	2,85	1.750
121	7	3,70	2.300

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



121 DINGHY ROCK V® MIX

Vectran®



BENEFITS / FEATURES

- GOOD PERFORMANCE IN JAMMERS
- HIGH BREAKING LOAD
- EXTREMELY LOW STRETCH
- EASY TO SPLICE



ROCK A® MIX

APPLICATIONS

LEECH LINE

SPECIFICATIONS

MATERIAL	COVER: HT POLYESTER FIBER CORE: KEVLAR® FIBER
SPECIFIC GRAVITY	APPROX. 1,40 KG/DM ³
CONSTRUCTION	COVER: 20-24 PLAITED, CORE: 12 PLAITED
UV RESISTANCE	POOR
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
WORKING STRETCH	<1,5%
FIBER WATER ABSORPTION	APPROX. %2-5
WET ABRASION	GOOD
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
203	3	0,90	350
203	4	1,05	600
203	5	1,50	850
203	6	2,35	1.300

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



203 ROCK A® MIX

KEVLAR®



BENEFITS / FEATURES

- GOOD PERFORMANCE IN JAMMERS
- HIGH BREAKING LOAD
- EXTREMELY LOW STRETCH
- EASY TO SPLICE

LUPES® TOUGH



BENEFITS / FEATURES

VERY SMALL LAY LENGTH
HIGHLY COMPACT
LOW STRETCH
SMOOTH SHEATING
EXCELLENT STIFFNESS & ROUNDNESS

APPLICATIONS

LEECH LINE

SPECIFICATIONS

MATERIAL	COVER: HT POLYESTER FIBER CORE: HT POLYESTER FIBER
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	COVER: 16 PLAITED, CORE: PARALLEL BRAIDED
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
WORKING STRETCH	<5%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	GOOD
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
407	3	0,75	180
407	4	1,60	310
407	5	2,30	480
407	6	3,05	680
407	7	3,45	920
407	8	3,90	1.200

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)

LUPES® TWIST



BENEFITS / FEATURES

DOES NOT HARDEN
SOFT HAND
DURABLE
HIGH BREAKING LOAD
EASY TO SPLICE

APPLICATIONS

LEECH LINE

SPECIFICATIONS

MATERIAL	100% HT POLYESTER FIBER
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	3 STRAND PLAITED
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
ELONGATION AT BREAK	APPROX. %15-20
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	GOOD
STANDARD	EN ISO 1141
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
014	4	1,21	280
014	5	1,90	430
014	6	2,73	610
014	8	4,85	1.080
014	10	7,57	1.630

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



ARAMID K

APPLICATIONS

LEECH LINE

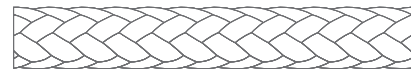
SPECIFICATIONS

MATERIAL	100% KEVLAR® FIBER
SPECIFIC GRAVITY	APPROX. 1,44 KG/DM ³
CONSTRUCTION	8 PLAITED (HOLLOW BRAID)
UV RESISTANCE	POOR
CHEMICAL RESISTANCE	EXCELLENT
MELTING POINT	500°C
CRITICAL TEMPERATURE	350°C
WORKING STRETCH	<1,5%
FIBER WATER ABSORPTION	APPROX. %2-5
WET ABRASION	EXCELLENT
DRY ABRASION	EXCELLENT
LENGTH	100-200 M PLASTIC SPOOL

LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
303	3	0,55	480
303	4	1,10	650
303	5	1,60	850
303	6	2,15	1.150

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



BENEFITS / FEATURES

NO CREEP UNDER CONSTANT LOADS
EXCELLENT HEAT RESISTANCE
EXTREMELY LOW STRETCH



VECT K®

APPLICATIONS

LEECH LINE

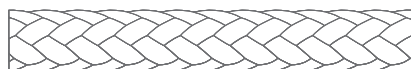
SPECIFICATIONS

MATERIAL	COATED VECTRAN® FIBER
SPECIFIC GRAVITY	1,40 KG/DM ³
CONSTRUCTION	12 STRAND BRAIDED
UV RESISTANCE	POOR
CHEMICAL RESISTANCE	EXCELLENT
MELTING POINT	300°C
CRITICAL TEMPERATURE	200°C
WORKING STRETCH	<1%
FIBER WATER ABSORPTION	APPROX. %1
WET ABRASION	EXCELLENT
DRY ABRASION	EXCELLENT
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
004	3	0,85	800
004	4	1,45	1.500
004	5	2,30	2.000
004	6	3,15	3.000
004	8	5,70	5.000

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



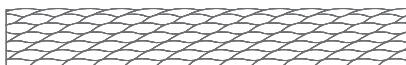
BENEFITS / FEATURES

NO CREEP UNDER CONSTANT LOADS
HIGH BREAKING LOAD
EXTREMELY LOW STRETCH
PERFECT FOR STATIC APPLICATIONS
EASY TO SPLICE
PU COATING FOR IMPROVED PROTECTION AGAINST ABRASION

LUPES® SOLID



117 LUPES® SOLID



BENEFITS / FEATURES

EASY HANDLING
VERY STABLE ROUND CROSS-SECTION

APPLICATIONS

LUFF LINE/LEECH LINE

SPECIFICATIONS

MATERIAL	100% HT POLYESTER FIBER
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	SOLID BRAID (12 PLAITED)
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
WORKING STRETCH	<6%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	GOOD
DRY ABRASION	GOOD
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
117	3	0,75	130
117	4	1,15	220
117	5	1,50	330
117	6	2,25	450
117	8	3,75	780

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)

ELASTIC CORD



021 ELASTIC CORD



BENEFITS / FEATURES

PREMIUM QUALITY RUBBER CORE
DURABLE
HIGH ELONGATION
COMPACT CONSTRUCTION

APPLICATIONS

LEECH LINE

SPECIFICATIONS

MATERIAL	COVER: HT POLYESTER FIBER CORE: ELASTIC RUBBER
SPECIFIC GRAVITY	APPROX. 1,38 KG/DM ³
CONSTRUCTION	COVER: 32 PLAITED, CORE: PARALLEL BRAID
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 SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
021	3	0,75	-
021	4	1,30	-
021	5	2,10	-
021	6	3,00	-
021	8	4,30	-
021	10	8,20	-
021	12	12,00	-

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



LUPES® CORD

APPLICATIONS

LUFF LINE / LEECH LINE

SPECIFICATIONS

MATERIAL	COVER: HT POLYESTER FIBER CORE: HT POLYESTER FIBER
SPECIFIC GRAVITY	1,38 KG/DM ³
CONSTRUCTION	COVER: 16-20 PLAITED, CORE: PARALLEL BRAIDED
UV RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	GOOD
MELTING POINT	256°C
CRITICAL TEMPERATURE	170°C
WORKING STRETCH	<5%
FIBER WATER ABSORPTION	APPROX. %1-2
WET ABRASION	GOOD
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
607	3	0,65	180
607	4	1,20	300
607	5	1,80	460
607	6	2,60	660

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



607 LUPES® CORD



BENEFITS / FEATURES

- OUTSTANDING FLEXIBILITY
- GREAT VALUE FOR MONEY
- LOW STRETCH



LUPA® CORD

APPLICATIONS

LUFF LINE/LEECH LINE

SPECIFICATIONS

MATERIAL	COVER: HT POLYAMIDE FIBER CORE: HT POLYAMIDE FIBER
SPECIFIC GRAVITY	1,14 KG/DM ³
CONSTRUCTION	COVER: 20-24 PLAITED, CORE: PARALLEL BRAIDED
UV RESISTANCE	VERY GOOD
CHEMICAL RESISTANCE	GOOD
MELTING POINT	218°C
CRITICAL TEMPERATURE	130°C
WORKING STRETCH	<12%
FIBER WATER ABSORPTION	APPROX. %3-4
WET ABRASION	SUFFICIENT
LENGTH	100-200 M PLASTIC SPOOL

OTHER COLOURS & LARGER DIAMETERS UPON REQUEST

ART.NO	DIA (Ø)	WEIGHT (kg/100 m)	B.LOAD (kgf)*
108	3	0,55	200
108	4	1,00	330
108	5	1,50	500
108	6	2,15	720

*UNSPliced BREAK LOAD (ALL TESTS ARE IN ACCORDANCE WITH ISO 2307)



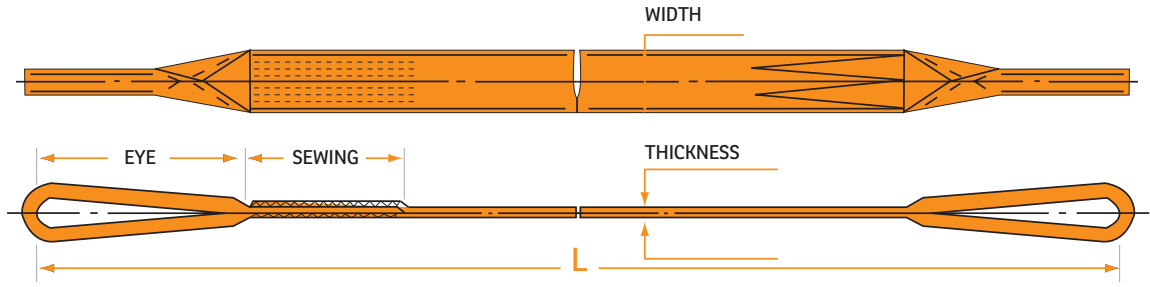
108 LUPA® CORD



BENEFITS / FEATURES

- OUTSTANDING FLEXIBILITY
- GREAT VALUE FOR MONEY

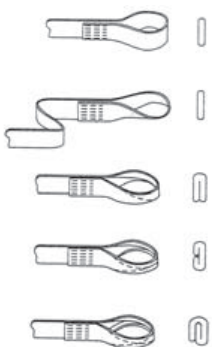
LE-1 BAND WEBBING SLING



SPECIFICATIONS	
MATERIAL	100% HT POLYESTER WEBBING
STANDARD	EN 1492-1+A1
SAFETY FACTOR	7:1

BENEFITS / FEATURES	
HIGH QUALITY PRODUCT WITH THE 7:1 SAFETY FACTOR	
PRODUCED FROM THE HIGH STRENGTH POLYESTER WEBBING	
VARIOUS SIZES AVAILABLE FOR EVERY APPLICATION	
NOT SLIPPERY	
HIGH RESISTANCE TO CHEMICAL AND OIL CONTAMINATION	
CUSTOM MADE SLINGS FOR SPECIFIC APPLICATIONS MAY BE MADE TO CUSTOMER SPECIFICATIONS	
VARIOUS COLOUR ARE AVAILABLE	

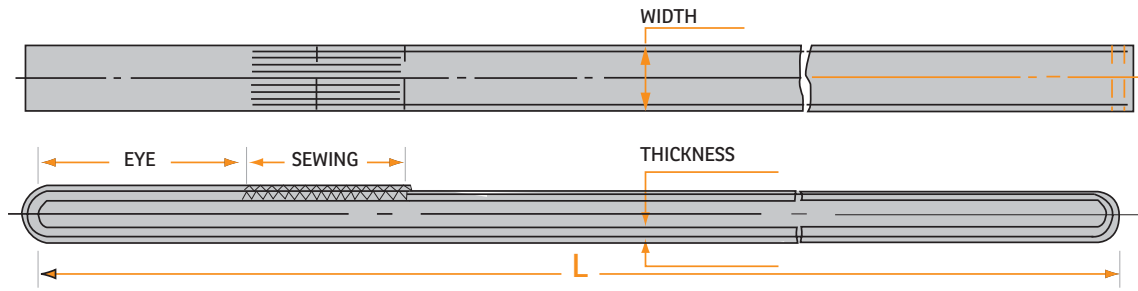
	WITH (mm)	WORKING LOAD (kg 100 %)	WORKING LOAD (kg 80 %)	WORKING LOAD (kg 200 %)	ANGLE (0-45°) WORKING LOAD (kg)	ANGLE (45-60°) WORKING LOAD (kg)	BREAKING LOAD (kg)	WORKING LOAD (kg)	LENGTH (m)
VIOLET	30-50	1000	800	2000	1400	1000	7000	1000	1-10
GREEN	70	2000	1600	4000	2800	2000	14000	2000	2-10
YELLOW	90	3000	2400	6000	4200	3000	21000	3000	2-10
GREY	120	4000	3200	8000	5600	4000	28000	4000	4-10
RED	150	5000	4000	10000	7000	5000	35000	5000	4-10
BROWN	180	6000	4800	12000	8400	6000	42000	6000	4-10
BLUE	250	8000	6400	16000	11200	8000	56000	8000	5-10
ORANGE	300	10000	8000	20000	14000	10000	70000	10000	5-10



1. FLAT EYE
2. REVERSED EYE
3. FOLDED EYE 1/2 WIDTH FROM 1 SIDE
4. FOLDED EYE 1/2 WIDTH FROM 2 SIDES
5. FOLDED EYE 1/3 WIDTH

U	0° 100%	△	60° 85%
△	30° 95%	△	90° 70%
△	45° 90%	△	120° 50%






LE-2 ROUND WEBBING SLING









SPECIFICATIONS	
MATERIAL	100% HT POLYESTER WEBBING
STANDARD	EN 1492-1+A1
SAFETY FACTOR	7:1

BENEFITS / FEATURES	
HIGH QUALITY PRODUCT WITH THE 7:1 SAFETY FACTOR	
PRODUCED FROM THE HIGH STRENGTH POLYESTER WEBBING	
VARIOUS SIZES AVAILABLE FOR EVERY APPLICATION	
NOT SLIPPERY	
HIGH RESISTANCE TO CHEMICAL AND OIL CONTAMINATION	
CUSTOM MADE SLINGS FOR SPECIFIC APPLICATIONS MAY BE MADE TO CUSTOMER SPECIFICATIONS	
VARIOUS COLOUR ARE AVAILABLE	



									
	WITH (mm)	WORKING LOAD (kg 100 %)	WORKING LOAD (kg 80 %)	WORKING LOAD (kg 200 %)	ANGLE (0-45°) WORKING LOAD (kg)	ANGLE (45-60°) WORKING LOAD (kg)	BREAKING LOAD (kg)	WORKING LOAD (kg)	LENGTH (m)
VIOLET	25	1000	800	2000	1400	1000	7000	1000	1-10
GREEN	50	2000	1600	4000	2800	2000	14000	2000	2-10
YELLOW	75	3000	2400	6000	4200	3000	21000	3000	2-10
GREY	100	4000	3200	8000	5600	4000	28000	4000	4-10
RED	125	5000	4000	10000	7000	5000	35000	5000	4-10
BROWN	150	6000	4800	12000	8400	6000	42000	6000	4-10
BLUE	200	8000	6400	16000	11200	8000	56000	8000	5-10
ORANGE	250	10000	8000	20000	14000	10000	70000	10000	5-10

	0° 100%		60° 85%
	30° 95%		90° 70%
	45° 90%		120° 50%

ACCESSORIES



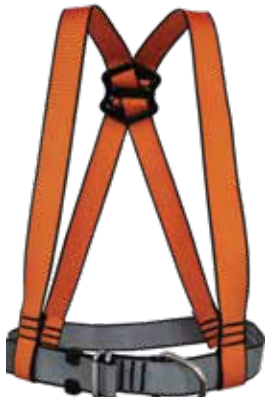
BC-46 P
BOSUN'S CHAIR (PROFESSIONAL)

MATERIAL : POLYESTER
SIZE : S/M, L/XL
WEIGHT APPROX : 2084 GR
WEBBINGS : POLYESTER 45 MM
D-RINGS : Ø 9 MM 304 STAINLESS STEEL (EN 362)



BC-46 C
BOSUN'S CHAIR (COMFORT)

MATERIAL : POLYESTER
SIZE : S/M, L/XL
WEIGHT APPROX : 1690 GR
WEBBINGS : POLYESTER 45 MM
D-RINGS : Ø 9 MM 304 STAINLESS STEEL (EN 362)



BM-45
BOSUN'S HARNESS

MATERIAL : POLYESTER 45 MM
SIZE : S/M, L/XL
WEIGHT APPROX : 547 GR
WEBBINGS : POLYESTER 45 MM
D-RINGS : Ø 9 MM 304 STAINLESS STEEL (EN 362)
 BUCKLE Ø 6 MM 304 STAINLESS STEEL (EN 362)



I-451
RESCUE HARNESS

MATERIAL : POLYESTER
SIZE : S/M, L/XL
WEIGHT APPROX : 877 GR
STANDARD : EN 12277



G-18 / G-18A
ROPE GLOVE (SAILING, CLIMBING...)

MATERIAL : MADE OF SUEDE LEATHER, ARAMIDE PATCH, STITCHED WITH ARAMIDE THREAD
SIZE : S/M/L/XL



BG-05
ROPE BAG

MATERIAL : COATED POLYESTER
SIZE : W 35 X L 35 X H 50

**SPECIAL ROPE STAND**

DISPLAY FOR RETAILING YACHT ROPES.
CAPACITY FOR AT LEAST 10 SPOOLS IN DIFFERENT SIZES.

MEASUREMENTS

WIDTH : 105 CM
CARRYING RODS : 100 CM
DEPTH : 65 CM
HEIGHT : 230 CM

**KAYA WHIPPING TWINES (Ø1 - 1,2 MM)**

MATERIAL : HIGH TENACITY MULTIFILAMENT WAXED POLYESTER
PROPERTIES : EASY TO HANDLE, HIGH ABRASION RESISTANT

**LUPES CORD BOX (Ø3-4 MM)**

MATERIAL : HIGH TENACITY MULTIFILAMENT POLYESTER
PROPERTIES : EASY TO HANDLE, HIGH ABRASION RESISTANT

620 3 MM 10x20 METER (MONO COLOURS)

621 3 MM 10x20 METER (WITH FLECKS)

621 4 MM 10x10 METER (MONO COLOURS)

**HEATCUTTING DEVICE**

AN EXTREMELY PRACTICAL TOOL FOR THE CUTTING
AND SEALING OF KAYA ROPES

**KEY HOLDER**



TECHNICAL APPENDIX

OVERVIEW PROPERTIES

FIBERS	POLYAMIDE 6 & 6.6 (PA)	POLYESTER (PES)	POLYPROPYLENE MULTIFILAMENT (PP)	POLYPROPYLENE (HIGH TENACITY) (HTPP)
BRAND NAME	NYLON® PERLON® ENKALON®	DIOLEN® TREVERIA® DACRON®	HOSTALEN® SOFTLENE® LEOLENE®	LEOLENE® AROVA® BETELON®
TENACITY OF YARN (CN/DTEX)	7-9	7-9	APP.6	APP.8
SPECIFIC GRAVITY (KG/DM ³)	1,14	1,38	0,91	0,91
REDUCTION IN TENACITY WHEN WET (%)	10-15	0	0	0
WATER ABSORPTION (%)	1-7	0,5-2	0	0
KNOT STABILITY (%)	60-65	55-60	55-65	55-65
UV RESISTANCE	VERY GOOD	EXCELLENT	GOOD ONLY WHEN TREAT	GOOD ONLY WHEN TREAT
BREAKING STRETCH (%)	14-28	10-18	14-17	15-16
CREEP	SLIGHT CREEP UNDER LOAD	HARDLY MEASURABLE	CREEPS AT HIGH LOADS	CREEPS AT HIGH LOADS
RESISTANCE TO ABRASION	EXCELLENT	EXCELLENT	SUFFICIENT	SUFFICIENT
WASHING TEMPERATURE (°C)	50-60	50-60	30	30
RESISTANCE TO ACIDS (%)	GOOD	GOOD	VERY GOOD	VERY GOOD
RESISTANCE TO PETROLEUM BASED PRODUCTS	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT
RESISTANCE TO SOLVENTS	FORMIC ACID & ACETIC ACID AT HIGH TEMPERATURE	PHENOLS, CRESOLS ZINC CHLORIDE	MINIMAL REACTION	MINIMAL REACTION
RESISTANCE TO ALKALI	GOOD RESISTANT AGAINST WEAK SOLUTIONS	GOOD AT ROOM TEMPERATURE	GOOD RESISTANT AGAINST WEAK SOLUTIONS	GOOD RESISTANT AGAINST WEAK SOLUTIONS
INSULATING PROPERTIES	VERY GOOD	VERY GOOD	EXCELLENT	EXCELLENT
HIGHEST TEMPERATURE (°C)	130	170	80	80
MELTING POINT (°C)	218	256	165	165

CHEMICAL RESISTANCE

CHEMICALS	TEST CONDITIONS			RESIDUAL STRENGTH				
	CONCENTRATION	TEMPERATURE	EXPOSURE	TYPE OF FIBRE				
	CHEMICAL TO WATER %	DEG °C	HOURS	POLYAMIDE	POLYESTER	POLYPROPYLENE	ARAMID	HMPE
ACIDS								
HYDROCHLORIC	34%	20°C	100	0%	70%	100%	95%	100%
NITRIC	66%	20°C	100	0%	100%	100%	95%	95%
SULPHURIC	96%	20°C	100	0%	100%	100%	40%	90%
FORMIC	90%	20°C	100	0%	95%	100%	90%	100%
ACETIC	100%	20°C	10	85%	95%	100%	100%	100%
ALKALIS								
CAUSTIC SODA	40%	20°C	100	50%	0%	90%	90%	100%
CAUSTIC SODA	20%	70°C	150	100%	0%	100%	85%	90%
CAUSTIC POTASH	40%	20°C	100	90%	0%	90%	90%	100%
SOLVENTS								
TRICHLOROETHYLENE	100%	30°C	150	100%	95%	80%	100%	100%
CARBON TETRACHLORIDE	100%	20°C	150	100%	100%	100%	98%	100%
BENZENE	100%	70°C	150	100%	100%	100%	98%	95%
METACRESOL	100%	100°C	40	0%	0%	100%	80%	100%
OXIDISING AGENTS								
HYDROGEN PEROXIDE	10%	20°C	100	0%	100%	90%	95%	100%

THIS TABLE SHOWS THE RESIDUAL STRENGTHS OF SYNTHETIC FIBRES AFTER CHEMICAL EXPOSURE UNDER SPECIFIC CONDITIONS.

OVERVIEW PROPERTIES

POLYETHYLENE (PE)	HIGH MODULUS POLYETHYLENE (UHMWPE)	ARAMID	LIQUID CRYSTAL POLYMER (LCP)	POLYBENZOXAZOLE (PBO)	FIBERS
LUPOLEN® WETALEN®	DYNEEMA® SPECTRA®	TWARON® TECHNORA® KEVLAR® HERACRON®	VECTRAN®	ZYLON®	BRAND NAME
APP.4,5	35	20-25	20	37	TENACITY OF YARN (CN/DTEX)
0,95	0,97	1,44	1,41	1,52	SPECIFIC GRAVITY (KG/DM³)
0	0	0	0	0	REDUCTION IN TENACITY WHEN WET (%)
0	0	2-5	1	0,6	WATER ABSORPTION (%)
50-60	35-50	30-35	30-50	35-55	KNOT STABILITY (%)
GOOD	EXCELLENT	POOR	POOR	POOR	UV RESISTANCE
10-19	3,8	3,4	3,3	2,8	BREAKING STRETCH (%)
CREEPS AT HIGH LOADS	CREEPS AT HIGH LOADS	HARDLY MEASURABLE	IMMEASURABLE	IMMEASURABLE	CREEP
SUFFICIENT	VERY GOOD	UNSATISFACTORY	GOOD	UNSATISFACTORY	RESISTANCE TO ABRASION
30	30	80-90	60	50	WASHING TEMPERATURE (°C)
EXCELLENT	EXCELLENT	PARTIALLY GOOD RESISTANCE	EXCELLENT	GOOD	RESISTANCE TO ACIDS (%)
EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	RESISTANCE TO PETROLEUM BASED PRODUCTS
MINIMAL REACTION	MINIMAL REACTION	MINIMAL REACTION	MINIMAL REACTION	MINIMAL REACTION	RESISTANCE TO SOLVENTS
EXCELLENT	EXCELLENT	PARTIALLY GOOD	VERY GOOD	VERY GOOD	RESISTANCE TO ALKALI
EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	INSULATING PROPERTIES
70	70	350	200	500	HIGHEST TEMPERATURE (°C)
140	147	500 DECOMPOSES	300	650 DECOMPOSES	MELTING POINT (°C)

TYPICAL CHARACTERISTIC OF MATERIALS

MATERIALS	SPECIFIC GRAVITY	SPECIFIC MODULUS N/TEX	SPECIFIC STRENGTH N/TEX	DYNAMIC COEFFICIENT OF FRICTION AGAINST METAL	MELTING POINT °C	OTHER CHARACTERISTIC
POLYESTER	1,38	10	0,84	0,12 - 0,15	256	EXCELLENT WET INTERNAL ABRASION RESISTANCE
POLYAMIDE	1,14	4	0,84	0,10 - 0,12	218	10-15% WET STRENGTH LOSS. FAIR WET INTERNAL ABRASION RESISTANCE
POLYPROPYLENE	0,91	8	0,73	0,15 - 0,22	165	LOW STRENGTH. FLOAT ON WATER
POLYPROPYLENE/ POLYETHYLENE (MIXED POLYOLEFIN)	0,92-0,94	9	0,84	0,10 - 0,15	140	BETTER ABRASION RESISTANCE THAN POLYPROPYLENE. FLOAT ON WATER
POLYESTER/POLYOLEFIN DUAL FIBRES	0,99-1,14	10	0,80	0,10 - 0,15	256 - 140	VERY GOOD WET/DRY ABRASION RESISTANCE.
POLYAMIDE MONO AND FIBRE MIXTURE	0,98-1,14	4	0,84	0,10 - 0,12	165 - 218	GOOD ABRASION RESISTANCE FOR USE ON WINCHES
POLYESTER/POLYPROPYLENE MELT MIXTURE	0,99	8	0,80	0,12 - 0,15	173	STRONGER THAN POLYPROPYLENE. FLOAT ON WATER
ARAMID	1,44	49	2,03	0,15	500	POTENTIAL AXIAL COMPRESSION FATIGUE PROBLEMS, BUT THESE CAN BE OVERCOME. LONG TENSION-TENSION FATIGUE LIFE
LCP (LIQUID CRYSTAL POLYMER)	1,40	60	2,40	0,13	300	HIGH STRENGTH AND LOW STRETCH. LONG TERM DURABILITY TO FATIGUE
UHMWPE (HIGH MODULUS POLYETHYLENE)	0,97	110	3,50	0,07	147	LOW MELTING POINT. FLOAT ON WATER. LONG TENSION-TENSION FATIGUE LIFE
STEEL WIRE	7,85	26	0,18	0,23	1600	CORRODES. HEAVY. MODERATE TENSION-TENSION FATIGUE LIFE.

ROPE DIAMETERS TABLE FOR DOCK, TOWING & ANCHOR LINES

ROPE NAMES	POLYESTER					POLYAMIDE					POLYPROPYLENE (FLOATING)				
	LUPES® VIPERA/ PREMIER	LUPES® EUROPA	LUPES® SQUARE	LUPES® ROUND	LUPES® TWIST	LUPA® VIPERA/ PREMIER	LUPA® EUROPA	LUPA® SQUARE	LUPA® ROUND	LUPA® TWIST	LUPP® VIPERA/ PREMIER	LUPP® SQUARE	LUPP® ROUND	LUPP® TWIST	
LENGTH OF BOAT (M)	Ø														
6	10	10	10	10	10	10	10	10	10	10	12	12	12	12	
8	10	10	10	10	10	10	10	10	10	10	12	12	12	12	
10	12	12	12	12	12	12	12	12	12	12	14	14	14	14	
12	14	14	14	14	14	14	14	14	14	14	16	16	16	16	
14	16	16	16	16	16	16	16	16	16	16	20	20	20	20	
16	18	18	18	18	18	18	18	18	18	18	22	22	22	22	
18	20	20	20	20	20	20	20	20	20	20	24	24	24	24	
20	20-22	20-22	20-22	20-22	20-22	20-22	20-22	20-22	20-22	20-22	26-28	26-28	26-28	26-28	
22	22-24	22-24	22-24	22-24	22-24	22-24	22-24	22-24	22-24	22-24	28-30	28-30	28-30	28-30	
24-28	22-24	22-24	22-24	22-24	22-24	22-24	22-24	22-24	22-24	22-24	28-30	28-30	28-30	28-30	
30-32	24-26	24-26	24-26	24-26	24-26	22-26	22-26	22-26	22-26	22-26	32-34	32-34	32-34	32-34	
34-36	26-28	26-28	26-28	26-28	26-28	26-28	26-28	26-28	26-28	26-28	34-36	34-36	34-36	34-36	
38-40	30-32	30-32	30-32	30-32	30-32	30-32	30-32	30-32	30-32	30-32	36	36	36	36	

ROPE TYPE / SAIL AREA COMPARISON TABLE

ROPE NAMES	GP ROCK D® MIX SERIES	GP ROCK V® MIX	DYNE K® / DYNE K® SBF	VECT K®	STORM D PRO®	ROCK D® MIX	LUPES® PLAIN / TIGHT	LUPES® LS / MIX / TIGHT	LUPES® LS WORLD	LUPES® SOFT	LUPES® RUNNER				
SAIL AREA (M²)	Ø														
10			4-5	4-5		4-5	6-8	6-8	6-8	8-10	6				
20	6	6-8	4-5	4-5	8	6-7	8-12	8-12	8-12	10-14					
30	6-8	8-10	5-8	5-6	10		8-14	8-14	8-14	12-16					
40	6-10	10-12	6-8	5-8	8-10		10-16	10-16	10-16	12-16					
50	8-10	10-12	8-10	6-8	10-12		12-16	12-16	12-16	12-16					
60	8-10	10-14	8-10	8-10	10-12		12-16	12-16	12-16	12-16					
70	8-10	12-16	8-12	8-10	10-14										
80	8-12	12-16	10-12	8-12	12-14										
90	10-12	14-16	10-12	8-12	12-16										
100	10-12	14-16	10-14	10-12	12-16										
125	10-14	16-20	12-14	10-14	14-18										
150	12-16	18-22	14-16	12-16	16-20										
175	12-16	18-22	14-18	12-16	18-22										
200	14-18	20-24	16-18	12-18	18-22										
225	14-18		16-20	14-18	20-24										
250	16-22		16-20	14-20	22-26										

POWER (KGF) = SAIL AREA (M²) x WIND VELOCITY²(KNOTS) x 0,02104

BREAKING FORCE (KGF) = POWER(KGF) x 5

CONVERSION TABLE

TO CONVERT		MULTIPLY BY	TO CONVERT		MULTIPLY BY
WEIGHT	POUNDS TO GRAMS	453592	GRAMS TO POUNDS	0,002205	
	POUNDS TO KILOGRAMS	0,4536	KILOGRAMS TO POUNDS	2,20462	
	TONS TO KILOGRAMS	1016,05	KILOGRAMS TO TONS	0,0009842	
	POUNDS TO OUNCES	16	OUNCES TO POUNDS	0,0625	
	POUNDS / 100 FEET TO GRAMS / METERS	14,8816394	GRAMS / METERS TO POUNDS / 100 FEET	67,0969	
STRENGTH	KILOGRAMS TO KILONEWTONS	0,0098	KILONEWTONS TO KILOGRAMS	101,972	
	TONS TO NEWTONS	9810	NEWTONS TO TONS	0,000102	
LENGTH	INCHES TO MILIMETRES	25,40	MILIMETERS TO INCHES	0,03937	
	FEET TO METRES	0,3048	METRES TO FEET	3,208	
	FEET TO INCHES	12	INCHES TO FEET	0,833	
	YARDS TO METRES	0,9144	METRES TO YARDS	1,0936	
	YARDS TO FEET	3	FEET TO YARDS	0,3333	
	MILES TO KILOMETRES	1,6093	KILOMETRES TO MILES	0,6214	
	CIRC. INCHES TO DIAMETRE MILIMETERS	8	DIAMETRE MILIMETERS TO CIRC. INCHES	0,125	
AREA	SQUARE FEET TO SQUARE METRES	0,0929	SQUARE METRES TO SQUARE FEET	10,7639	
	SQUARE YARDS TO SQUARE METRE	0,8361	SQUARE METRES TO SQUARE YARDS	1,1960	
VOLUME	GALLONS TO LITRES	4546	LITRES TO GALLONS	0,22	
TEX-SYSTEM	DENIER	WT. IN G/9000 M	TEX TO DTEX	10	
	TEX	WT. IN G/1000 M	DEN TO TEX	0,1111	
	DTEX	WT. IN G/10.000 M	CN/DTEX	GR/DEN	



STANDARDS

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 POLYOLEFIN 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/POLYOLEFIN 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 : ROUND SLINGS, MADE OF MAN - MADE FIBERS FOR GENERAL PURPOSE USE

QUALITY - TEST

KAYA IS HAVING CERTIFICATED ALL PPE PRODUCTS BY APAVE SUDEUROPE SAS - FRANCE AND HAS CE QUALITY ASSURANCE SYSTEM CERTIFICATE ISSUED BY THE SAME NOTIFIED BODY ACCORDING TO ARTICLE 11, B, NO. 1(C) OF COUNCIL DIRECTIVE 89/686/EEC (SUPERSEDED BY 2016/425 PPE REGULATION) FOR PERSONAL PROTECTIVE EQUIPMENT.

BY THIS CERTIFICATE WHICH REQUIRES PERIODICAL SURVEILLANCE THE NOTIFIED BODY CERTIFIES THAT THE HOLDER OF THIS CERTIFICATE MAINTAINS QUALITY SYSTEM, WHICH ENSURES THAT THE PPE MANUFACTURED CONFORMS TO APPROVED MODEL.

FOR THE PRODUCTS WHICH ARE NOT PPE KAYA HAVE TYPE APPROVAL AND INSPECTION CERTIFICATES FROM TURK LOYDU.

KAYA ALSO HAVE AN INTEGRATED MANAGEMENT SYSTEM CERTIFICATE ISSUED BY PCA ACCORDING TO ISO 9001:2015 FOR QUALITY MANAGEMENT, ISO 14001:2015 FOR ENVIRONMENTAL MANAGEMENT AND OHSAS 18001:2007 FOR OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT.

KAYA TESTS ITS PRODUCTS IN ITS IN-HOUSE LABORATORY.

ALL KAYA PRODUCTS ARE INSURED AGAINST PRODUCTION DEFECTS BY "PRODUCT LIABILITY INSURANCE"



PRODUCT SERVICE



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