

ROPE CATALOGUE



High tech fibres at the heart of innovation



LANCELIN

CORDERIE HENRI LANCELIN S.A.S



EACH NEED IS UNIQUE ...

this is why Lancelin Ropemaker's mission is to design specific products for specialised applications and meet the wide range of our customers' needs.

We are passionate about fibres and ropes and how we can deliver the best products to you.

Our passion is complemented by our experience and knowhow. We keep a daily focus on our key company values to deliver quality and innovation and pass on our passion for fibres and ropes.

We measure our success and achievements through our customers' satisfaction and our relationships with them..

Get
innovative ropes for unmatched performance!

Customize
your rope with unique colors!

Select
quality ropes, made in France!



Nicolas Lancelin
President



1907

Joseph LANCELIN, founder of the rope making company, manufactures early ropes with hemp for the agriculture sector.



1957

Henri LANCELIN exhibits at the Paris boat show for the first time sharing a stand with M. Jeanneau..



1963

LANCELIN ropemakers supply the first race boats with famous skippers like Alain Colas and Eric Tabarly.



1990

Jean-Claude LANCELIN expands to address new industrial, safety and leisure markets.

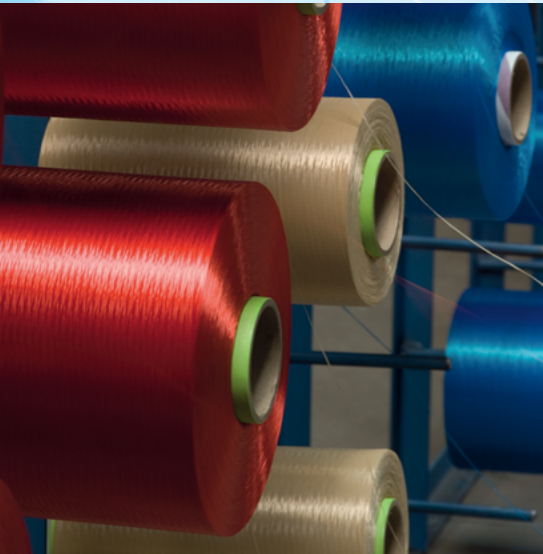


2001

Nicolas LANCELIN opens new and modern facilities and brings a new focus on innovation to the company.

Corderie Lancelin, a family business for 4 generations

A TRAIN OF INNOVATION



Tailor-made solution to address your needs

At Corderie Lancelin we do our best to meet the needs of our customers, should they be on the technical or design side. Each day we work to fully understand your requirements and anticipate your questions so we can give you the best advice and answers.

We offer maximum flexibility so we can provide products according to each requirement should it be a specific

blend of fibres, a particular splice or personalised colours.

All our production is located in one single facility in France. We control the full manufacturing process from raw yarn intake in the factory through to finished standard or custom goods and their despatch.



A demand for quality Guaranteed reliability

Corderie Lancelin has been ISO 9001 certified for a decade. This shows how much we listen to our customers' needs and requirements and how important it is to deliver to their expectations. We aim to deliver the best products with the best lead times, backed up with the best service and advice.



High tech fibres at the heart of innovation

Our strong innovation capacity has been a factor in gaining recognition in the marine sector. With constant investment in research and development our company launches new products every year.

We have recently installed a new traction bench to increase our test capacity and develop more products. With 25 m length, this bench can pull up to 100 tons and measure elongation up to break.

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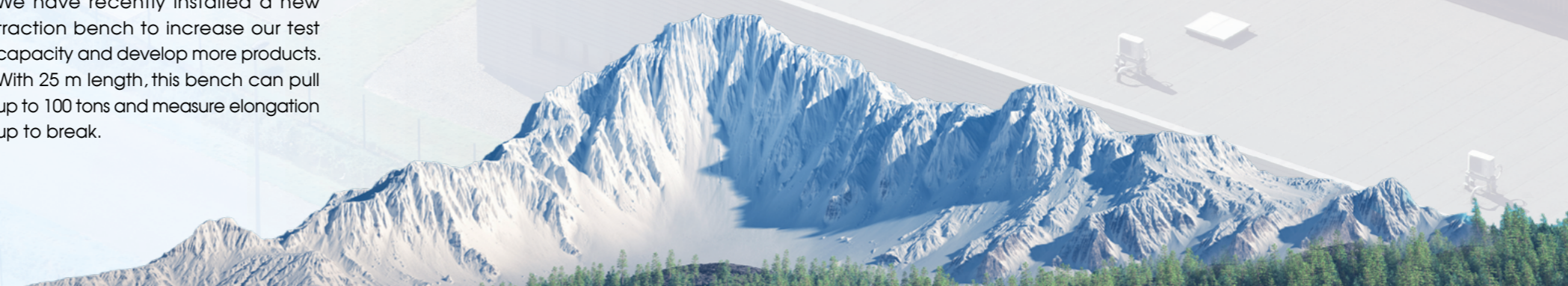
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HIGH TECHNOLOGY

"High tech fibres at the heart of innovation" is Corderie Lancelin's motto in line with the main value of our company's culture.

All products described in this catalogue are the result of our constant drive to innovate.

For many activities, replacing steel wires and conventional ropes with high performance ropes made from the latest developments in fibres, helps our customers to stay a step ahead.

Fibre blends, embedding electrical conductors, optical fibres or steel wire are very complex manufacturing processes that we achieve and master thanks to our customer's confidence in our work.



Content

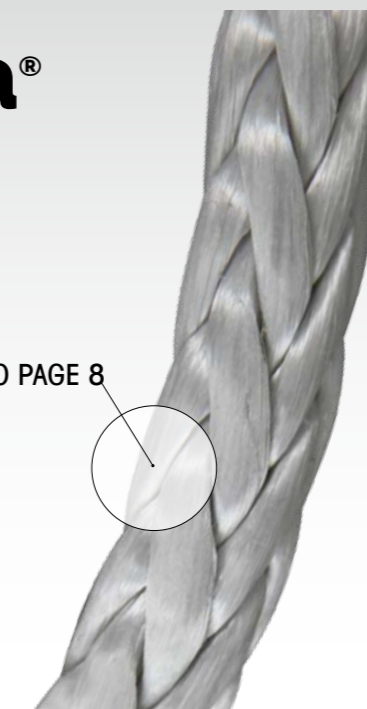
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Dyneema® Racing

Top PRODUCT

REFER TO PAGE 8



- Low creep
- Low elongation
- High strength

- No creep
- Heat resistant

- Non rotating
- Ultra-compact braid



COLOR
SILVER GREY

DYNEEMA® RACING SK78/SK99

Properties

Coating and hot pre-stretch bring a higher strength and resistance to abrasion compared to a non pre-stretched rope.

Dyneema® SK78 is highly recommended when looking for low creep.

Dyneema® SK99 is used when looking for high breaking strength and low elongation (<3%).

Construction

12 strand Dyneema® SK78 or SK99 pre-stretched Racing braid



DYNEEMA® RACING SK99			
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER*	BREAKING STRENGTH (KG)
02	0,24	DYNE02RSK99	630
2,25	0,28	DYNE225RSK99	720
2,5	0,45	DYNE025RSK99	1 025
03	0,55	DYNE03RSK99	1 400
04	0,89	DYNE04RSK99	2 300
05	1,22	DYNE05RSK99	3 050
06	1,77	DYNE06RSK99	4 750
07	2,33	DYNE07RSK99	6 350
08	3,22	DYNE08RSK99	8 750
10	5,54	DYNE10RSK99	15 000
12	7,54	DYNE12RSK99	19 950
14	9,76	DYNE14RSK99	24 900
16	12,20	DYNE16RSK99	28 500
18	15,08	DYNE18RSK99	33 150
20	18,63	DYNE20RSK99	39 800

*For SK78: product number ends with SK99 instead of SK78



COLOR
BLACK

BLACK TECHNOBRAID

Properties

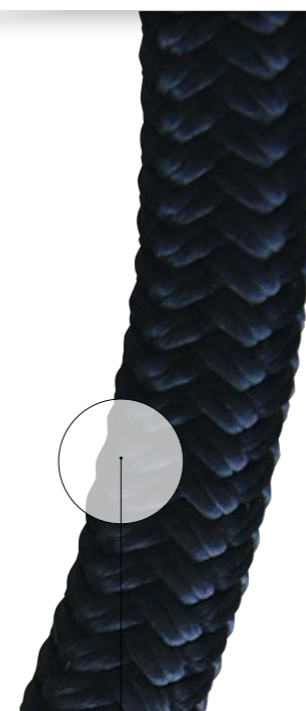
This single braid shows a high breaking strength and low elongation with a similar density as Aramid. It is also wear and heat resistant (very high melting point). No creep and stretch under load.

Construction

12 strand pure Technora® single braid



BLACK TECHNOBRAID TECHNORA®			
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER	BREAKING STRENGTH (KG)
2,5	0,46	TECN025LE	630
03	0,69	TECN03LE	900
04	1,39	TECN04LE	1 800
05	1,85	TECN05LE	2 520
06	2,54	TECN06LE	3 400
08	4,62	TECN08LE	6 300
10	6,93	TECN10LE	9 250



COLOR
BLACK

AERIAL TRACK LINE

Properties

This rope is recommended for camera applications such as "Air Track Cam". Its anti-rotation property prevents the vibration effect experienced with conventional ropes and the rotation on longer lengths. The very stiff braid in the cover provides very good resistance to abrasion. Black Technora can be used on request for even greater resistance.

Construction

Cover: 16 strand continuous polyester anti rotation braid

Core: 12 strand Dyneema® SK78 or SK99 pre-stretched Racing braid



AERIAL TRACK LINE			
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER SK99 CORE	BREAKING STRENGTH (KG)
06	2,31	CABPOL06RSK99	2 916
08	4,50	CABPOL08RSK99	5 568
10	6,22	CABPOL10RSK99	9 545
12	10,15	CABPOL12RSK99	13 788
14	11,98	CABPOL14RSK99	18 030
16	14,26	CABPOL16RSK99	23 334

*For SK78: product number ends with SK99 instead of SK78

Case STUDY

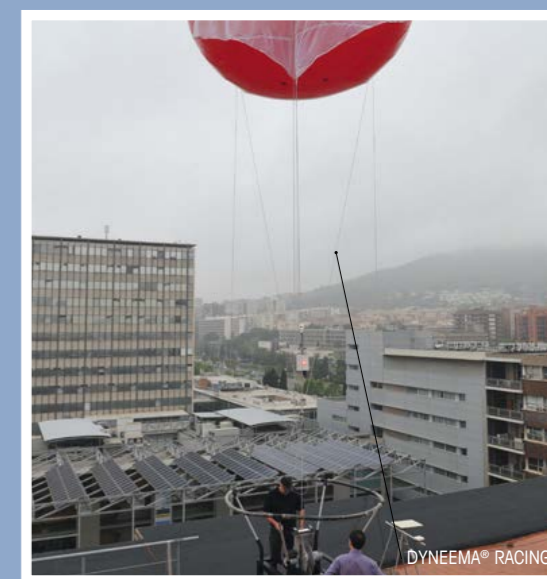


RAIL CABLE

Aerial cameras

XD Motion is a company specialising in aerial footage. They have developed X-Fly. This system allows multidimensional movement of a camera during live TV broadcasts such as the Olympic games, world cups, etc.

The products they are using meet stringent performance and safety standards as required for flights over the audience.



DYNEEMA® RACING

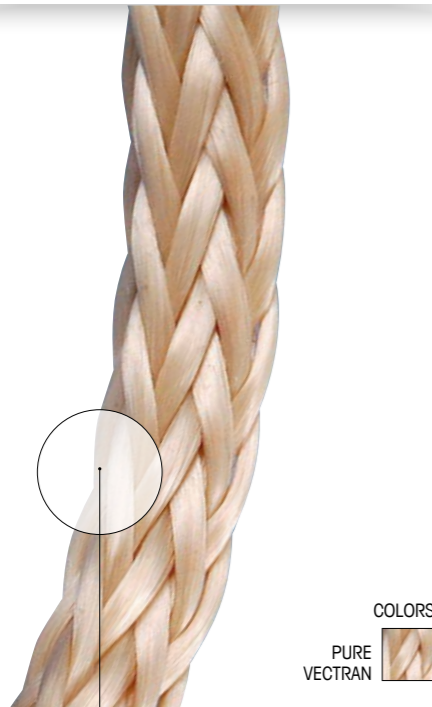
Hot air balloon

This project is managed by the Physics University of Barcelona in partnership with our Spanish distributor YangBela. They have developed an innovative system for wind analysis in the marine environment, as an alternative to conventional weather stations which are relatively expensive to operate. The balloon, with a 3 meter diameter, carries meteorological sensors and it can handle 150 Km/h winds at an altitude of 150 m thanks to our 2.5 mm rope.

- Low elongation
- Good heat resistance

- Very low creep
- High strength

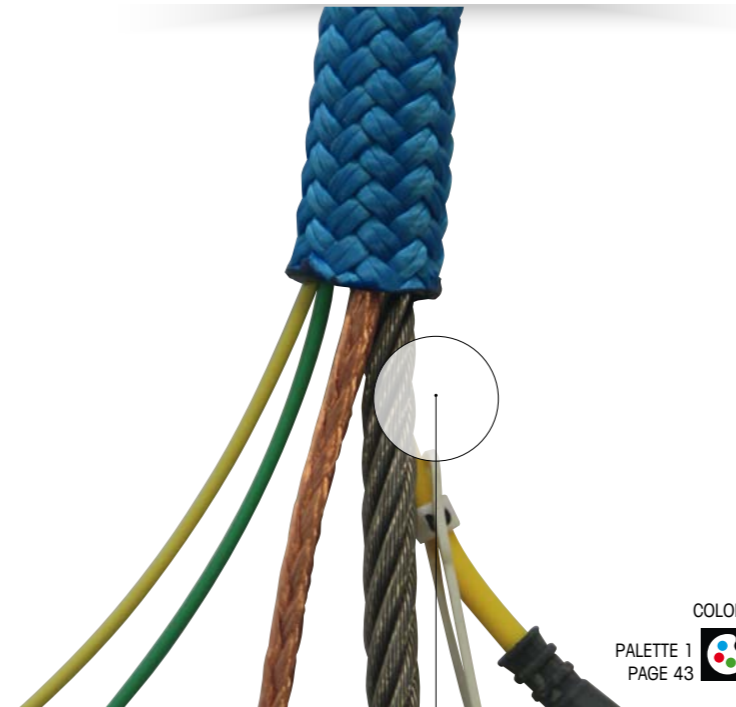
- Cover for non-textile core
- Protection and isolation



COLORS
PURE VECTRAN



COLORS
BLACK



COLORS
PALETTE 1
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PURE VECTRAN® BRAID

Properties

With low elongation at breaking strength (3,3%) and a density comparable to Aramid, this single braid has good resistance to abrasion, thanks to the coating "Marine Finish". The melting point is very high, providing very good resistance to heat. Creep is insignificant under tension. A higher resistance to abrasion can be achieved by polyurethane coating on request.

This braid is often used as an alternative to steel cables.

Construction

8 or 16 strand Vectran® multifilament

TECHNOTRESSE

Properties

This double braid shows a high breaking strength, low elongation and low creep. A cost efficient solution for all static applications.

Construction

Cover: 24 strand continuous polyester

Core: 16 strand Technora®



TECHNOTRESSE			
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER	BREAKING STRENGTH (KG)
06	3,30	KV06AT	2 500
08	4,50	KV08AT	3 950
10	7,90	KV10AT	7 150
12	10,90	KV12AT	9 750
14	14,30	KV14AT	13 100
16	18,10	KV16AT	17 900

COVER FOR ELECTRIC WIRES AND STEEL CABLES

Properties

This product can be made with a steel or copper core, or an electric cable as a core. We can cover any of your wires with a single or double polyester cover. This brings the properties of textile ropes to your cable.

Construction

Cover: 24 strand continuous polyester

Core: 12 or 16 strand continuous polyester

COVER FOR ELECTRIC WIRES OR STEEL CABLES			
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER	BREAKING STRENGTH (KG)
06	2,90	GAINPOLCAB06	900
08	4,40	GAINPOLCAB08	1 250
10	6,70	GAINPOLCAB10	1 900
12	10,80	GAINPOLCAB12	3 000
14	13,40	GAINPOLCAB14	3 600
16	18,50	GAINPOLCAB16	5 200
18	23,90	GAINPOLCAB18	6 400
20	30,00	GAINPOLCAB20	8 200
22	32,20	GAINPOLCAB22	9 500
24	41,30	GAINPOLCAB24	11 500
26	48,70	GAINPOLCAB26	14 500

Case STUDY



VECTRAN® BRAIDS

Medical sector

Our ropes are used in the medical sector for various applications, such as covers for tubes to enhance the operation of instruments or Vectran® solutions for physiotherapy installations to name a few.



PRODUCT USED: TECHNOTRESSE

Telecommunication

Our ropes are used in the telecommunication sector for static installations like antenna towers and dynamic operation such as pulling underground cables.

URBAN ARCHITECTURE

Lancelin has accumulated experience from 4 generations and our know-how gives us a full understanding of all requirements to manufacture ropes for urban architecture (working at height, tensile structures...)

Our product range expands each year with more ropes matching the specific needs of this market sector. With their success in many installations, we gain more and more references globally.

Our customers can enjoy working with the latest technologies. We constantly develop new products to deliver the best ropes for safety and tensile structures in line with regulation.



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Top PRODUCT

Reflector rope

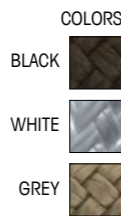
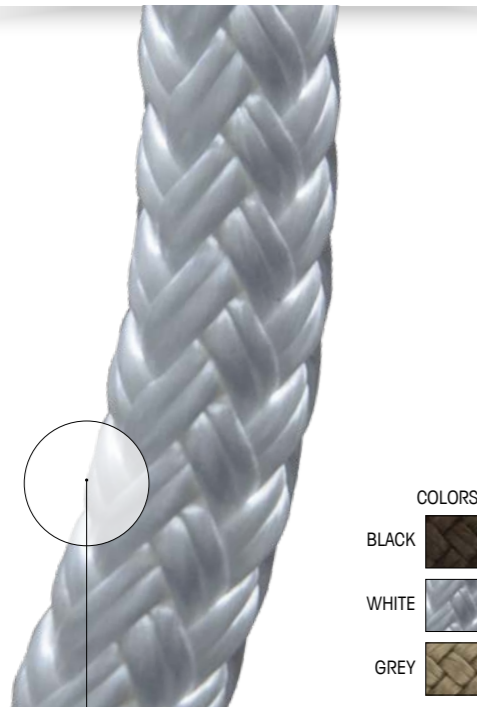
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- High resistance to abrasion
- Good resistance to UVs

- Low elongation
- Good dimensional stability

- Resistance to traction
- Flexibility



POLYESTER BRAID POLYESTER CORE

Properties

Soft rope with a high resistance to abrasion and UV.

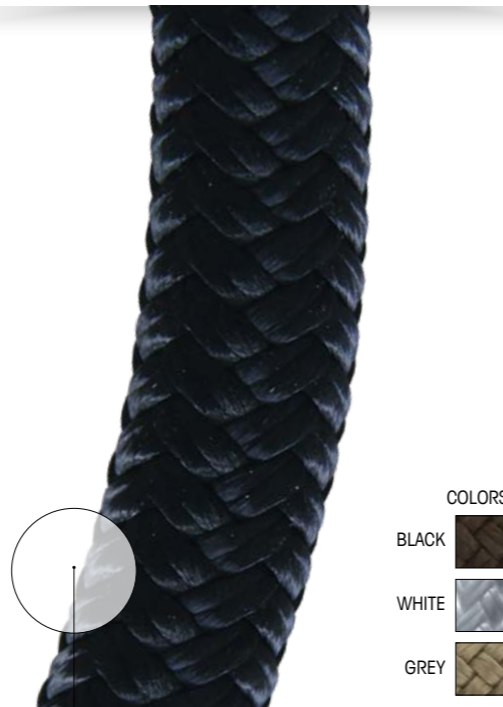
Construction

Cover: 16 strand continuous polyester

Core: continuous parallel polyester from 4 to 16 mm and braided continuous polyester from 18 mm.

POLYESTER BRAID / POLYESTER CORE				
	DIAMETER (MM)	WEIGHT (KG/100M)	PRODUCT NUMBER*	BREAKING LOAD (KG)
No core	02	0,20	TT02ML	70
	2,5	0,40	TT025M	110
	03	0,70	TT03ML	220
Parallel core	04	1,20	TT04ML	340
	05	1,80	TT05ML	390
	06	2,40	TT06ML	550
	07	3,60	TT07ML	740
	08	4,80	TT08ML	1 100
	10	6,80	TT10ML	1 800
	12	9,80	TT12ML	2 450
	14	14,10	TT14ML	3 400
	16	18,20	TT16ML	4 200
	Braided core	18	21,10	TT18ML
	20	25,70	TT20ML	5 550

*Solid color: product number ends with UN instead of ML.
Solid black: product number ends with NR instead of ML.



POLYESTER BRAID PENTEX® CORE

Properties

As a complementary rope to France Olympe®, this rope features a Low Stretch or Pentex® core. Elongation is reduced by 50% compared to a polyester core at equivalent breaking strength. It is used to bring stability for tensile structures.

This rope can be delivered cut to length or by the reel. Can be spliced from 6 mm.

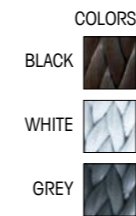
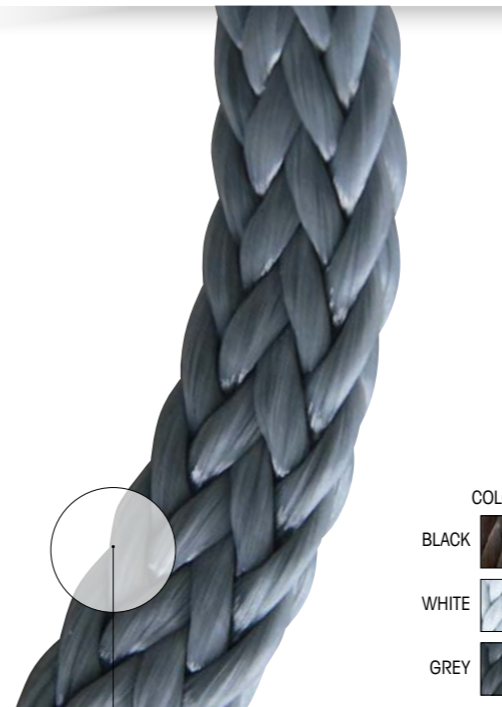
Construction

Cover: 16 strand continuous polyester

Core: parallel polyester Low Stretch or Pentex® up to 5 mm and 16 strand braided Low Stretch or Pentex® for 6 mm and up.

POLYESTER BRAID / PENTEX® CORE				
	DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER*	BREAKING LOAD (KG)
Single braid parallel core	03	0,90	LS03ML	220
	04	1,40	LS04ML	340
	05	1,90	LS05ML	440
	06	2,80	LS06ML	610
	07	3,80	LS07ML	950
braided core	08	5,40	LS08ML	1250
	10	7,70	LS10ML	1900
	12	10,50	LS12ML	2450
	14	14,00	LS14ML	3400
	16	19,60	LS16ML	4000

*Add ML or UN at the end of the product number for black or grey color



POLYESTER BRAID NO CORE

Properties

Single braid with good traction and UVs resistance. Soft and easy to splice. This rope is a standard, economical and multipurpose.

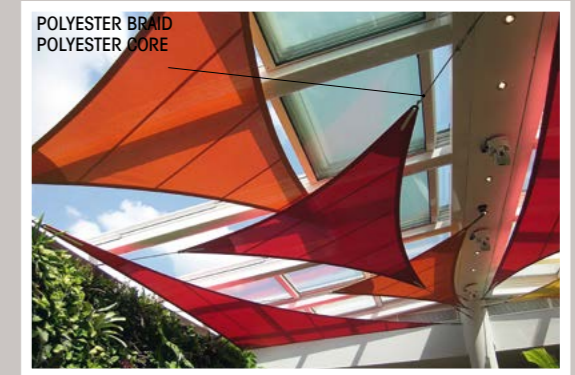
Construction

Single braid: 16 strand continuous polyester.

POLYESTER SINGLE BRAID				
	DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER	BREAKING LOAD (KG)
White	04	1,10	TT04SA	450
	06	1,90	TT06SA	850
	08	3,10	TT08SA	1 450
	10	6,60	TT10SA	2 975
	12	9,20	TT12SA	4 120
	14	11,80	TT14SA	5 250
Grey	16	15,80	TT16SA	6 980
	04	1,10	TT04SAUN	450
	06	1,90	TT06SAUN	850
	8	3,10	TT08SAUN	1 450
	10	6,60	TT10SAUN	2 975
	12	9,20	TT12SAUN	4 120
	14	11,80	TT14SAUN	5 250
16	15,80	TT16SAUN	6 980	

*Add NR at the end of the product number for black color.

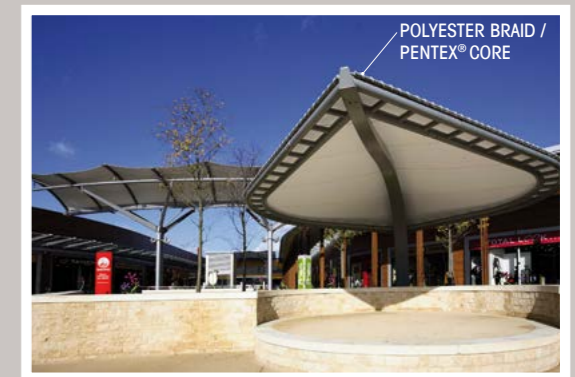
Case STUDY



Shade sails

Aude Cayatte designs scenic areas and layouts for rest and leisure in gardens, using shade sails, touareg tents or any other tensile structure with originality.

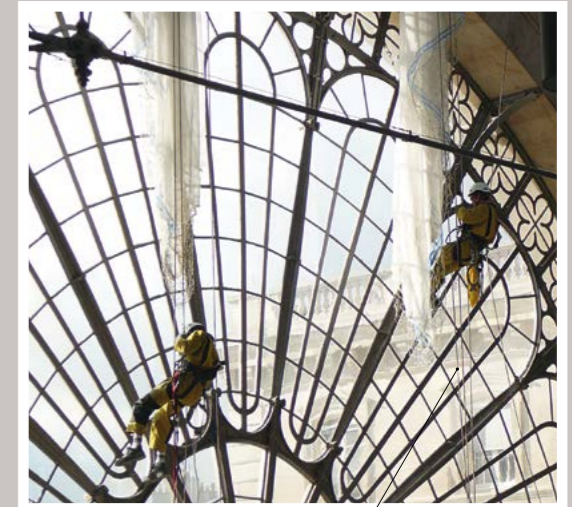
"Our team has chosen to work with Corderie Lancelin for 15 years for their seriousness and efficient collaboration. The Lancelin ropes, shaped with tradition, have always given full satisfaction in regard to robustness and durability".



Tensile fabric architecture

ACS-PRODUCTION brings tensile fabric solutions for many applications and particularly sport facilities, industry, transport, cultural buildings and schools

CaseSTUDY

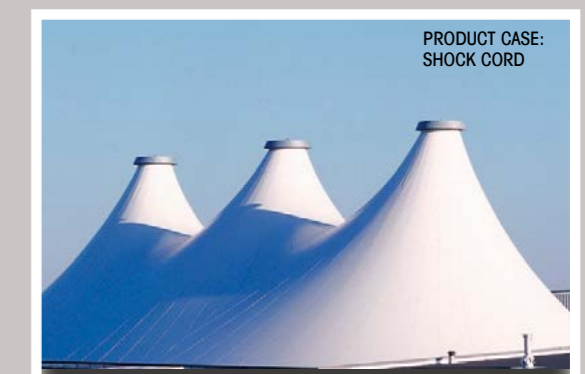


SAFETY ROPE

Work at height

Quest Acro has been working at height for 22 years:

"15 years using LANCELIN ropes in all conditions, including Industry, Chemical Plants, natural sites, etc. Staff safety does not leave any room for malfunction. The quality of ropes, the advice, the specific traceability marks, the "Made in Mayenne" and their staff availability are LANCELIN assets that are worth our loyalty."



PRODUCT CASE: SHOCK CORD

Big Top

At the Corderie Lancelin premises, we have created a big top with Ferrari fabrics tensioned by ropes. For more than 10 years, this construction has been an emblematic sample of the versatility of our products and their reliability!

- Light
- Flexible

- High visibility at night

- Stable
- Compact



- COLORS
- WHITE RED/BLACK FLECK
 - BLACK RED/WHITE FLECK
 - RED BLACK/WHITE FLECK
 - YELLOW BLACK/RED FLECK
 - BLUE WHITE/RED FLECK



- COLORS
- PALETTE 1
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- COLORS
- BLACK
 - WHITE

SAFETY ROPE

Properties

This 10.5mm safety rope features a low elongation factor (A type) and has successfully passed the CE tests.

This PSE* equipment, NF EN 1891 certified is recommended for working at height. It brings light, manageable safety for workers.

Breaking load without finished ends: 2 700 kg
(NF EN 1891 certification required breaking load: 2 244 kg).

Weight: circa 71.5 gr / meter.

Construction

Cover: 32 strand 100% polyamide braid
Core: polyamide parallel

REFLECTOR ROPE

Properties

Similar to Callisto®, this 100% polyester rope features reflector yarns, making it visible at night. You create your own rope by specifying 1 to 6 reflectors in a colour of your choice, each approximately 10 cm. Colors are your choice. A 2D sketch will be sent for approval before you place the order.

This rope is commonly used for road, air and rail safety. It maintains its properties over long periods of use and only requires minimum maintenance.

Construction

Cover: 24 strand continuous polyester braid including reflector yarns
Core: 12 or 16 strand continuous polyester braid

REFLECTOR ROPE			
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER*	BREAKING STRENGTH (KG)
06	2,90	CRR06M	900
08	4,40	CRR08M	1 250
10	6,70	CRR10M	1 900
12	10,80	CRR12M	3 000
14	13,40	CRR14M	3 600
16	18,50	CRR16M	5 200
18	23,90	CRR18M	6 400
20	30,00	CRR20M	8 200
22	32,20	CRR22M	9 500
24	41,30	CRR24M	11 500
26	48,70	CRR26M	14 500

*Specify the number of reflector flecks (1 to 6) at the end of the product number

SHOCK CORD

Properties

This shock cord is very stable and compact. It has good resistance to abrasion, which ensures durability.

Construction

High tenacity polyester covered shock cord

SHOCK CORD			
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER WHITE	PRODUCT NUMBER BLACK
03	0,65	ZSAND3	ZSA3NR
04	1,30	ZSAND4	ZSA4NR
05	1,90	ZSAND5	ZSA5NR
06	3,00	ZSAND6	ZSA6NR
08	4,80	ZSAND8	ZSA8NR
10	7,10	ZSAND10	ZSA10N

SAFETY ROPE		
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER
10.5	7.15	White Black/Red fleck: NT32105
		Black Red/White fleck: NT32NRW
		Red Black/White fleck: NT32RNW
		Blue White/Red fleck: NT32BRW
		Yellow Black/Red fleck: NT32JRN

*Personal Safety Equipment

DESIGN & DECORATION

Corderie LANCELIN works in the wide ranging sector of decoration, both interior and exterior. You can choose your own colors from the large palette we offer. Dyed and colored yarns are used in line with the requirement of the automotive industry.

We can create unique products according to your specifications by harmonizing your colour choices and blending materials to mix traditional with modern styles. Trust us with your projects, we will deliver specific designs.



Content

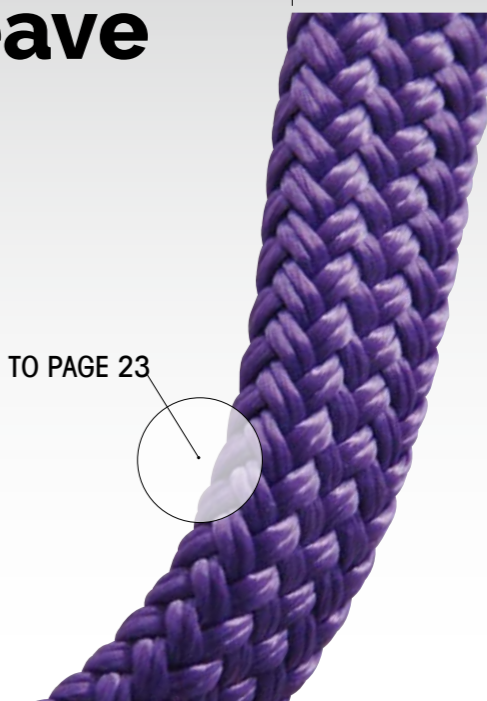
Polyester Classic Braid Hemp like	p.20
3 strand Polyester & Polypropylene	p.20
Nomex® 100%	p.21
France Olympe® Aramid core	p.22
3 strand Color Polyester	p.22
Polyester Extra Cover multi color	p.23



Top PRODUCT

Polyester Sleeve multi color

REFER TO PAGE 23



- Soft cover for comfort
- High breaking load



POLYESTER CLASSIC

HEMP LIKE BRAID

Properties

Rot proof and comfortable handling combined with good resistance to abrasion and UVs for this classic looking rope, particularly recommended for decoration, luggage work, etc.

Construction

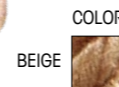
Cover: 24 strand discontinuous polyester
Core: 16 strand polyester or Dyneema® SK75



POLYESTER CLASSIC - HEMP LIKE BRAID			
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER DYNEEMA® CORE	BREAKING LOAD (KG)
08	4,00	DT2408DDYN	3 000
10	6,20	DT2410DDYN	5 300
12	8,00	DT2412DDYN	6 600
14	9,90	DT2414DDYN	9 000
16	13,40	DT2416DDYN	14 000
18	17,50	DT2418DDYN	17 500
20	20,10	DT2420DDYN	21 000

Available with polyester core (product # DT240D)

- Soft cover for comfort
- Good resistance to abrasion



THREE STRAND

POLYESTER & POLYPROPYLENE

Properties

Both fibre options look like hemp, making this rope ideal for decoration purposes.

Polyester is the most popular, due to a more comfortable handling.

Construction

3 strand 100% synthetic discontinuous fibres: polyester or polypropylene. Hemp like.

3 STRAND - POLYESTER			
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER	BREAKING LOAD (KG)
04	1,30	TD04CH	220
05	1,90	TD05CH	300
06	2,40	TD06CH	410
07	3,40	TD07CH	550
08	4,60	TD08CH	700
10	6,50	TD10CH	1 050
12	8,60	TD12CH	1 400
14	11,40	TD14CH	1 600
16	16,10	TD16CH	1 950
18	20,80	TD18CH	2 350
20	23,10	TD20CH	3 040
22	29,30	TD22CH	4 100
24	38,60	TD24CH	4 850
26	43,00	TD26CH	5 650

Available with discontinued polypropylene (product # PP0CH)

- Soft cover for comfort
- High resistance to abrasion



NOMEX® 100%

Properties

This innovative rope is flexible and soft to handle.

The Technora® core combined with the Nomex® cover makes it non flammable and flame retardant. This traditional looking high-tech product will perfectly fit any decorative need.

Nomex® is a trade mark of Dupont de Nemours®. This material offers very high resistance to abrasion.

Construction

Cover: 16 or 24 strand (from 8 mm) Nomex®
Core: 12 strand Technora®



NOMEX® 100%			
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER	BREAKING LOAD (KG)
03	0,82	NMX03	142
04	1,15	NMX04	285
05	1,73	NMX05	427
06	2,24	NMX06	765
08	3,62	NMX08	2 280
10	5,41	NMX10	4 560
12	8,54	NMX12	5 472
14	10,86	NMX14	6 840
16	14,48	NMX16	9 120
18	17,33	NMX18	13 680

Case STUDY



Changing room

For a large chain of stores, our customer "Toiles de Mayenne" has used our ropes for the making of changing rooms. Their choice has been driven by the practicability and decorative look of our products.



"Design" furniture

Our ropes are used for furniture and decoration, like this 3 strand rope for drawer handles. This kind of product fits well in creating a traditional look. Give originality to your creations with ropes!

- Weatherproof
- Good stability

- Good resistance to abrasion
- Good stability

- Comfort
- Protection to abrasion



COLORS
PALETTES 1 & 2
PAGE 43



COLORS
BLACK
WHITE
GREY
RED
NAVY BLUE



COLORS
PALETTES 1 & 2
PAGE 43

FRANCE OLYMPE® ARAMIDE CORE

Properties

This multi-purpose rope is a standard in many markets. Built with an inner cover and parallel core, it offers high resistance to harsh weather conditions, a low elongation and good durability with stable properties. It can be delivered to length or in bulks.

Construction

Cover: 16 strand continuous polyester
Inner cover: (from 8 mm) 16 strand polyester
Core: aramid parallel



FRANCE OLYMPE® ARAMIDE CORE				
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER WHITE & BLACK FLECK*	PRODUCT NUMBER BLACK & WHITE FLECK*	RÉSISTANCE (KG)
02	0,26	KV02ML	KV02NR	110
03	0,90	KV03ML	KV03NR	280
04	1,28	KV04ML	KV04NR	350
05	1,79	KV05ML	KV05NR	480
06	2,50	KV06ML	KV06NR	750
07	4,30	KV07ML	KV07NR	1 050
08	5,20	KV08ML	KV08NR	1 360
10	8,10	KV10ML	KV10NR	2 200
12	11,80	KV12ML	KV12NR	2 650
14	13,40	KV14ML	KV14NR	3 680
16	19,30	KV16ML	KV16NR	4 650
18	22,60	KV18ML	KV18NR	5 400
20	28,90	KV20ML	KV20NR	8 200

*For solid colors: change ML or NR by UN at the end of product number

THREE STRAND POLYESTER COLOR

Properties

This 3 strand polyester rope is available in various colours. It offers a good resistance to abrasion and UVs. Polymerization is recommended for better construction stability, flexibility and easier splicing. It can be delivered un-polymerized (change ML to NP at the end of the product number).

Construction

3 strand polyester

THREE STRAND POLYESTER - COLOR					
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER WHITE	PRODUCT NUMBER BLACK	PRODUCT NUMBER SOLID COLOR	BREAKING LOAD (KG)
04	1,50	TC04ML	TC04NR	TC04UN	350
05	2,00	TC05ML	TC05NR	TC05UN	390
06	2,60	TC06ML	TC06NR	TC06UN	550
08	4,20	TC08ML	TC08NR	TC08UN	1 020
10	6,40	TC10ML	TC10NR	TC10UN	1 800
12	9,20	TC12ML	TC12NR	TC12UN	2 280
14	12,00	TC14ML	TC14NR	TC14UN	3 060
16	17,20	TC16ML	TC16NR	TC16UN	3 850
18	21,30	TC18ML	TC18NR	TC18UN	4 500
20	28,40	TC20ML	TC20NR	TC20UN	5 250
22	32,90	TC22ML	TC22NR	TC22UN	6 800
24	37,00	TC24ML	TC24NR	TC24UN	8 150

POLYESTER EXTRA COVER MULTI COLOR

Properties

Used instead of straps in luggage manufacturing for its flexibility and high handling comfort.

Easy to splice, it can be easily completed with any material inside to give it a round shape.

This sleeve is also used as an extra protection against abrasion.

Construction

24 strand polyester cover

POLYESTER EXTRA COVER MULTI COLOR		
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER
06	2,00	SURGAINE06P
08-10	4,50	SURGAINE08P
10-12	5,50	SURGAINE10P
12-16	7,00	SURGAINE12P
16-18	10,10	SURGAINE16P

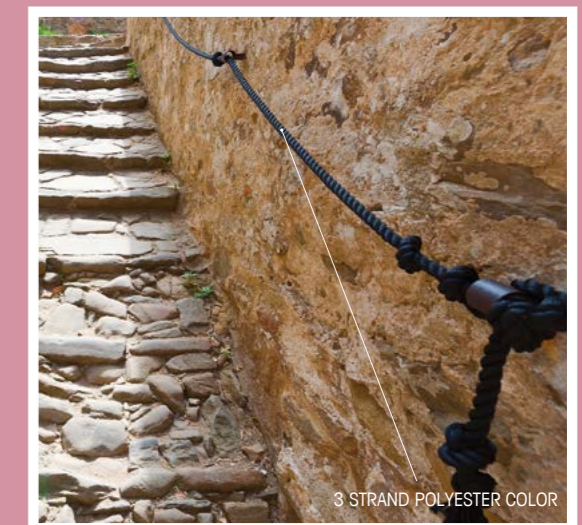
Case STUDY



POLYESTER SLEEVE

A taste of travel

"We have used Lancelin ropes for our bag handles for more than 10 years. Even though this isn't their intended purpose, we value their aesthetics, flexibility and resistance to friction. Our specific requirements have been met and the lead time for our special products is quite reasonable. We are loyal to this family business, which history and mindset match the values we aim to promote for our work and we are convinced that all these "aspects" contribute to the quality and the beautiful image of our products."



3 STRAND POLYESTER COLOR

Decoration

Our ropes can be used in interior and exterior environments and can make railings in houses, museums, show booths, etc.

Using ropes for hanging stair structures is a practical solution that brings a decorative touch.

SPORT & LEISURE

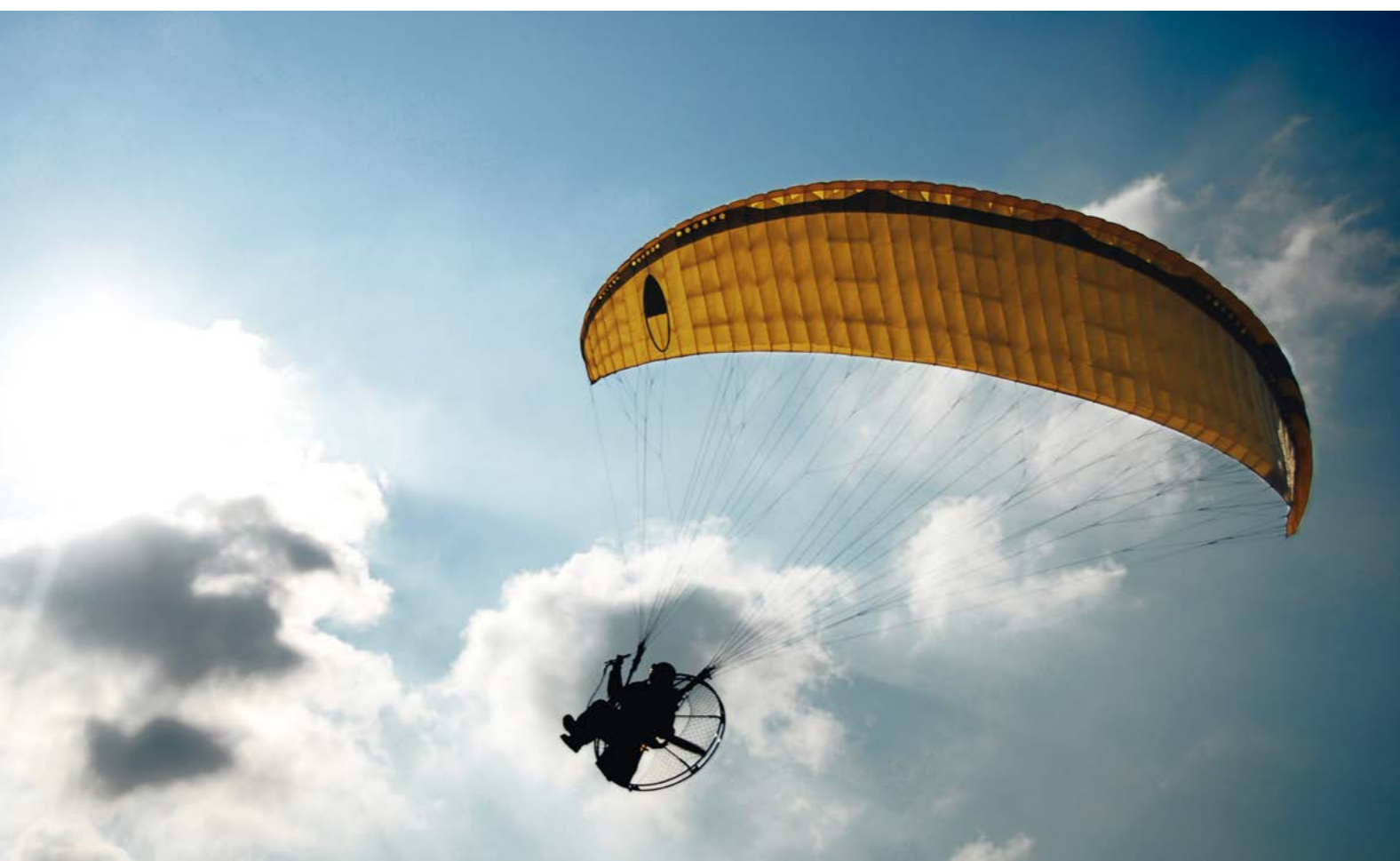
Skipping ropes, zip line or dog sleds, all outdoor activities are demanding in terms of quality and use of modern fibres. We can design your own product range according to your specifications and to match the performance required.

A specific diameter, a required weight, a minimum breaking load, etc. All these are the daily data our R&D team works with.



Content

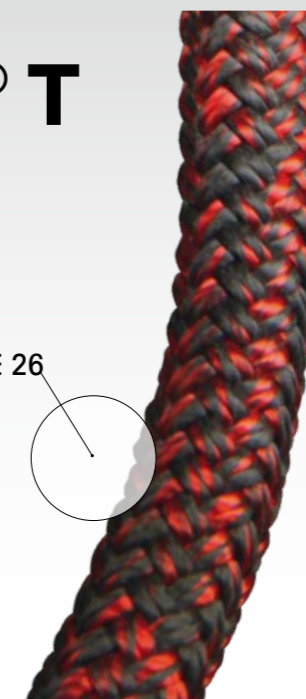
Hélios® T	p.26
Polyethylene braid	p.26
The Tempest®	p.27
Dyneema® standard	p.28
France Olympe® polyester core	p.28
Callisto®	p.29



Top PRODUCT

Hélios® T

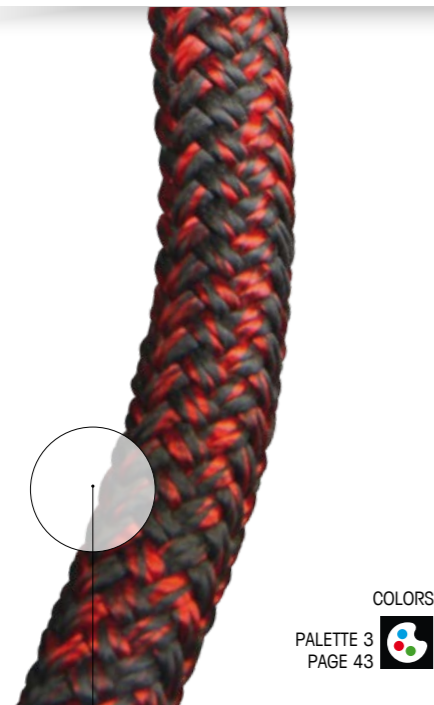
REFER TO PAGE 26



- Good resistance to abrasion
- Low elongation

- Flexible
- Easy to splice

- Soft cover for comfort



COLORS
PALETTE 3
PAGE 43

HÉLIOS® T

Properties

High resistance to traction and abrasion for this low elongation rope. It can be used for many applications, particularly zip lines. Easy to splice (the core coating of polyurethane makes uncovering easier).

Construction

Cover: 24 strand blend Technora® and continuous polyester
Core: 16 strand Dyneema® SK78 or 12 strand racing braid Dyneema® SK78 or SK99, coated and heat pre-stretched



HÉLIOS® T

DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT # TECHNORA®/ POLYESTER COVER SK78 STANDARD CORE	BREAKING LOAD (KG)	PRODUCT # TECHNORA®/ POLYESTER COVER SK78 RACING CORE	BREAKING LOAD (KG)
06	3,00	HELIOS06T	2 000	HELIOS06TRSK78	2 300
08	4,50	HELIOS08T	3 000	HELIOS08TRSK78	3 750
10	6,80	HELIOS10T	6 600	HELIOS10TRSK78	6 900
12	9,70	HELIOS12T	7 500	HELIOS12TRSK78	9 000
14	13,40	HELIOS14T	9 800	HELIOS14TRSK78	12 400
16	18,00	HELIOS16T	14 000	HELIOS16TRSK78	15 850
18	22,50	HELIOS18T	17 100	HELIOS18TRSK78	18 900
20	25,00	HELIOS20T	18 600	HELIOS20TRSK78	23 000
22	29,50	HELIOS22T	22 000	HELIOS22TRSK78	26 800
24	34,90	HELIOS24T	25 000	HELIOS24TRSK78	31 000

*Fo SK99: change SK78 by SK99 at the end of the product number



COLORS
WHITE
BLACK
YELLOW
RED
GREEN

POLYETHYLENE SINGLE BRAID

Properties

This single braid is easy to splice. It is widely used for applications such as dog sleds or buoy lines on lakes.

Construction

Polyethylene 8 or 16 strand braid

POLYETHYLENE BRAID			
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER	BREAKING LOAD (KG)
04	0,60	P004TR	110
06	1,10	P006TR	330
08	1,70	P008TR	510
10	2,40	P010TR	630
12	4,50	P012TR	1 100
14	5,80	P014TR	1 550



COLORS
WHITE / BLUE FLECK
WHITE / GREEN FLECK
WHITE / RED FLECK

THE TEMPEST®

Properties

Soft cover for handling comfort for this rope which with parallel polyester core achieves a moderate elongation property. The synthetic fibres used in its construction gives a look of natural cotton allowing use for decorative purposes or theatre rigging equipment.

Construction

Cover: 8 strand discontinued polyester (carded fiber)
Core: parallel continuous polyester

THE TEMPEST®			
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER (WITH FLECK)*	BREAKING LOAD (KG)
04	1,0	TE04ID	170
05	1,6	TE05ID	310
06	2,2	TE06ID	410
07	3,1	TE07ID	550
08	4,4	TE08ID	630
10	5,8	TE10ID	980
12	8,2	TE12ID	1 200
14	10,9	TE14ID	1 900
16	13,7	TE16ID	2 980

*Contact us for solid colors

Case STUDY



Dog sleds

Dog sleds ganglines link the dogs together. These ropes are constantly under load and must be robust! We offer various solutions with high resistance and reliable ropes. Ask us for custom made lines according to your needs.



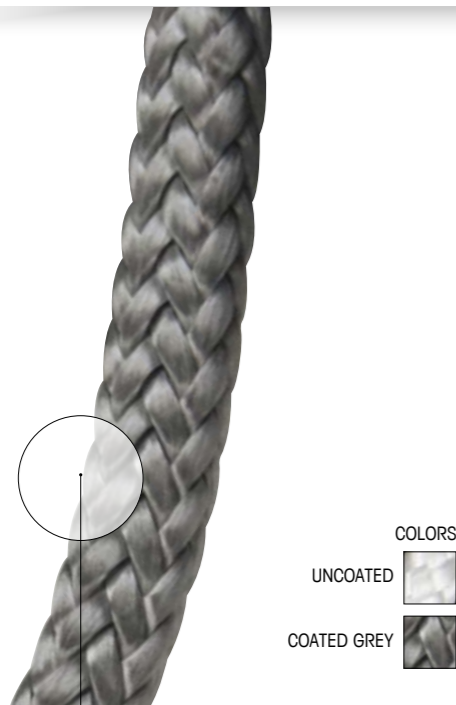
Parcabout®

The first Parcabout® was created on Groix island (Brittany) in 2008. The "CHIEN NOIR®" team developed the concept, unique in the world: move on nets, in total freedom and safety. Since then, more Parcabout® have been set up with our ropes in France and some other countries.


- Low elongation at break
- High breaking load
- Easy to splice


- Good stability
- Weatherproof

- Abrasion resistance
- Flexibility



COLORS

UNCOATED 

COATED GREY 

DYNEEMA® BRAID

STANDARD

Properties

This hydrophobic braided line is light and features a high breaking load and low elongation at break. Other advantages: low creep, easy to splice, good resistance to UVs, rot proof and floating. PU coating reinforces resistance to abrasion. Short pitch braid shows a little more elongation, but better abrasion resistance. It is particularly recommended for paragliders and kites. The lines are PU coated with genuine Teflon® (PTFE). 12 strand braids can be delivered upon request.

Construction

16 strand braid, Dyneema® SK75, SK78 or SK99




DYNEEMA® SK78 16 STRAND STANDARD BRAID					
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER LONG PITCH COATED*	BREAKING LOAD (KG)	PRODUCT NUMBER SHORT PITCH COATED*	BREAKING LOAD (KG)
0,83	0,04	DYNE083LE78	64		
1,25	0,10	DYNE0125LE78	125		
02	0,15	DYNE02LE78	300	DYNE02SE78	270
2,5	0,31	DYNE025LE78	650	DYNE025SE78	585
03	0,46	DYNE03LE78	950	DYNE03SE78	850
04	0,65	DYNE04LE78	1 250	DYNE04SE78	1 125
05	1,24	DYNE05LE78	2 100	DYNE05SE78	1 890
06	1,70	DYNE06LE78	3 000	DYNE06SE78	2 700
08	2,68	DYNE08LE78	5 000	DYNE08SE78	4 500
09	3,91	DYNE09LE78	6 000	DYNE09SE78	5 400
10	5,97	DYNE10LE78	9 500	DYNE10SE78	8 550
12	8,76	DYNE12LE78	14 000	DYNE12SE78	12 600
14	11,95	DYNE14LE78	16 500	DYNE14SE78	14 850

*Pour le SK75, enlever 78 à la fin de la référence, et pour le SK99, remplacer 78 par 99.



COLORS

PALETTES 1 & 2  PAGE 43

FRANCE OLYMPE®

POLYESTER CORE

Properties

This multi-purpose rope with parallel core is a standard in many sectors. Built with an inner cover, it offers high resistance to harsh weather, a low elongation and good durability with stable properties. It can be delivered to length or in bulks.

Construction

Cover: 16 strand continuous polyester
Inner cover (from 8mm): 16 strand polyester
Core: polyester, parallel

FRANCE OLYMPE® POLYESTER CORE					
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT # WHITE & FLECK	PRODUCT # BLACK & FLECK	PRODUCT # SOLID COLOR	BREAKING LOAD (KG)
02	0,30	F002ML	F002NR	F002UN	90
2,5	0,60	F0025M	F0025NR	F0025UN	130
03	0,90	F003ML	F003NR	F003UN	220
04	1,40	F004ML	F004NR	F004UN	340
05	1,90	F005ML	F005NR	F005UN	440
06	2,80	F006ML	F006NR	F006UN	610
07	3,80	F007ML	F007NR	F007UN	950
08	5,40	F008ML	F008NR	F008UN	1 250
10	7,70	F010ML	F010NR	F010UN	1 900
12	10,50	F012ML	F012NR	F012UN	2 450
14	14,00	F014ML	F014NR	F014UN	3 400
16	19,60	F016ML	F016NR	F016UN	4 000
18	22,60	F018ML	F018NR	F018UN	4 800



COLORS

PALETTES 1 & 2  PAGE 43

CALLISTO®

Properties

This rope combines resistance to abrasion with flexibility. The braided core makes it easy to splice and fit any application.

Construction

Cover: 24 strand continuous polyester
Cover: 12 or 16 strand continuous polyester

CALLISTO®			
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER	BREAKING LOAD (KG)
06	2,90	CALLI06	900
08	4,40	CALLI08	1 250
10	6,70	CALLI10	1 900
12	10,80	CALLI12	3 000
14	13,40	CALLI14	3 600
16	18,50	CALLI16	5 200
18	23,90	CALLI18	6 400
20	30,00	CALLI20	8 200
22	32,20	CALLI22	9 500
24	41,30	CALLI24	11 500
26	48,70	CALLI26	14 500

Case STUDY



Paragliding

Dyneema® lines are used for paragliders, parachutes and kites. The advantages are low weight and small diameter and the benefits are better control and safety.



Equestrian

Halters, lead ropes, nosebands and reins are made of flexible ropes for comfort of both the horse and the rider.



Zip line

"Les Tyroliens" is an amazing project: 1 300 meter zip line with 153 meter drop! This rope-made zip line installed on a temporary mobile structure is a genuine human and technological challenge.

NATURE & LANDSCAPE

At Corderie Lancelin we use our know-how and knowledge in traditional and modern rope making to offer a wide range of products able to replace old ropes with new ropes using new technology. We regularly recommend switching from steel wire to a textile solution. For the same diameter, it gives 15% higher breaking load and is a sixth of the weight. In addition, there is no corrosion and much less danger for users.

We can make recommendations for all metallic accessory replacements such as shackles, rings, etc.



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Soft Shackle	p.32
Dyneema® Loop	p.33
Albatros®	p.34
Conductor braid	p.34
Polyamide braided rope	p.35



Top PRODUCT

Albatros®

REFER TO PAGE 34



- Simple and quickly in place
- No backlash if a breakage occurs

- High breaking load & low weight
- Low elongation at break
- Rot proof and floating

- Light weight
- Flexible
- High breaking load



COLORS
GREY COATING



COLORS
WHITE
GREY COATING



COLORS
WHITE
GREY
BLACK

WINCH LINE WITH HOOK

Properties

This Dyneema® winch line features a spliced eye with thimble and a travelling Technora® or Dyneema® sleeve. Its main use is vehicle towing (4X4 or trucks) in difficult recovery situations.

It can be used as sling gear in forestry.

This line can be delivered with spliced eyes at each end, without thimble and hook.

Construction

12 strand pre-stretched Dyneema® SK78 racing braid

SOFT SHACKLE

Properties

Soft shackles are a very good alternative to stainless steel snap shackles or screw shackles for many applications. They are rot proof, they float and they are very low weight.

They are abrasion and UV resistant with a high breaking load.

They can be coated

Construction

Dyneema® SK78 braid

DYNEEMA® LOOP

Properties

Dyneema® loops feature light weight and high breaking load. They are an ideal alternative to stainless steel shackles.

Another advantage of these loops is that they can be made to length, from 10 cm up to over 1 meter.

Construction

Cover: Dyneema® SK78 braid

Core: Dyneema® SK78 braid



WINCH LINE WITH HOOK				
DIAMETER (MM)	WEIGHT (KG/100 M)	HOOK (CMU)	PRODUCT NUMBER	BREAKING LOAD (KG)
08	1,979	2 000	CABTRD08	6 600
09	2,708	3 150	CABTRD09	9 000
10	3,605	3 150	CABTRD10	11 500
12	5,604	5 300	CABTRD12	15 000
14	6,865	5 300	CABTRD14	18 000
16	9,125	8 000	CABTRD16	22 000
18	10,454	8 000	CABTRD18	25 000
20	12,577	8 000	CABTRD20	30 000

SOFT SHACKLE			
DIAMETER (MM)	LENGTH* (MM)	PRODUCT NUMBER	BREAKING LOAD (KG)
03	50	MA03D050	500
04	60	MA04D060	1 000
05	70	MA05D070	1 500
06	100	MA06D100	2 000
08	150	MA08D150	5 000
09	170	MA09D170	6 000
10	180	MA10D180	8 000
12	250	MA12D250	10 000
14	300	MA14D300	15 000

*Length is given shackle closed

DYNEEMA® LOOP		
DIAMETER (MM)	PRODUCT NUMBER	BREAKING LOAD (KG)
06	LOOP06	2 500
08	LOOP08	4 000
09	LOOP09	5 000
10	LOOP10	6 000
12	LOOP12	7 000
13	LOOP13	9 000
14,5	LOOP145	11 500
16	LOOP16	20 000

Case STUDY



Winch Line with hook

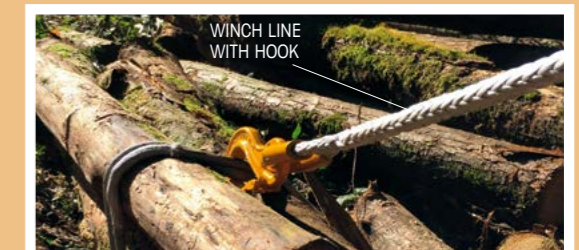
"In constant search for innovation, Euro4X4parts is always looking to develop more advanced and rigorous products, able to handle the worst recovery situations. Handy and light, our Dyneema® lines ensure high levels of safety without injury risks in case of breakage".



PRODUCT CASE: DYNEEMA® LOOPS

Loops pour Cubisystem

The innovative floating solutions from our customer Cubisystem are environmentally friendly and 100% recyclable. A specific part, patented in France and USA, has been designed around our Dyneema® loops. It is used to connect mooring lines to the floating structures.



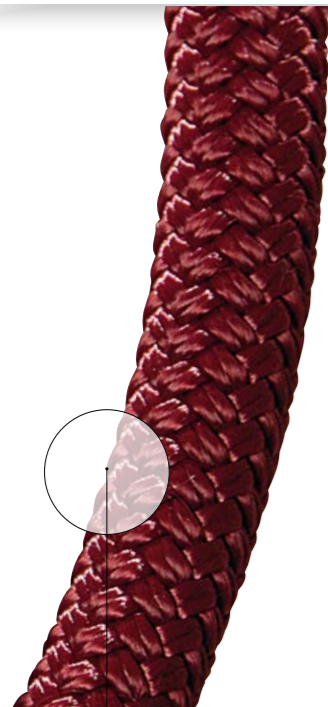
Forestry textile cord

This forestry textile cord is 10 times lighter than steel. Its main use is slinging and winching. Its heat resistance makes it robust. The use of Dyneema® in its construction ensures comfort and easy handling.

- Excellent breaking load
- Good holding under load

- Weather and UV proof
- Good breaking load

- Flexible
- Good abrasion resistance



COLORS
PALETTES 1, 2 & 3
PAGE 43



COLORS
PALETTE 1,
PAGE 43



COLORS
WHITE
BLACK

ALBATROS®

Properties

The 24 strand polyester cover gives excellent abrasion resistance to this rope and the Dyneema® core holds the load. This line is easy to splice, resistant to traction and can be used for many different applications.

Construction

Cover: 24 strand continuous polyester
Core: 16 strand Dyneema® SK78 standard braid

(Available with a 12 strand Racing Dyneema® SK78 or SK99 core, pre-stretched and coated. Simply add "RSK78" or "RSK99" at the end of the product number)



ALBATROS® STANDARD SK78 CORE			
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER	BREAKING LOAD (KG)
05	1,90	ALBA05	995
06	2,80	ALBA06	1 250
08	4,10	ALBA08	3 000
10	6,90	ALBA10	5 300
12	9,90	ALBA12	6 600
14	12,10	ALBA14	9 000
16	15,00	ALBA16	14 000
18	20,80	ALBA18	17 500
20	28,40	ALBA20	18 600
22	31,10	ALBA22	22 000
24	36,70	ALBA24	25 000
26	42,10	ALBA26	29 500

CONDUCTOR BRAID

Properties

This braid includes at least one stainless steel yarn in the cover to ensure conductivity. We can add a reflecting yarn to increase visibility. This single braid is designed for electric fencing. It is weather / UVs proof and can hold high loads.

Construction

Cover: 16 strand continuous polyester

CONDUCTOR BRAID			
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER	BREAKING LOAD (KG)
WHITE			
06	1,90	TT06SAEL	850
08	3,10	TT08SAEL	1 450
10	6,60	TT10SAEL	2 975
12	9,20	TT12SAEL	4 120
14	11,80	TT14SAEL	5 250
SOLID COLOR			
06	1,90	TT06SAUNEL	850
08	3,10	TT08SAUNEL	1 450
10	6,60	TT10SAUNEL	2 975
12	9,20	TT12SAUNEL	4 120
14	11,80	TT14SAUNEL	5 250

POLYAMIDE BRAIDED ROPE

Properties

This flexible and high load rope shows good abrasion resistance. It is used for air balloons to name one of its applications

Construction

Cover: 8 or 16 strand polyamide braid

Core: parallel, polyamide

POLYAMIDE BRAIDED ROPE			
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER	BREAKING LOAD (KG)
01	0,08	NT01ML	30
1,5	0,13	NT015M	45
02	0,18	NT02ML	90
2,5	0,40	NT025M	130
03	0,60	NT03ML	270
04	1,00	NT04ML	300
05	1,50	NT05ML	350
06	2,00	NT06ML	450
07	2,80	NT07ML	650
08	4,30	NT08ML	900
10	6,20	NT10ML	1 650
12	8,90	NT12ML	2 500
14	12,00	NT14ML	3 300
16	15,80	NT16ML	4 000
18	20,30	NT18ML	4 950
20	24,30	NT20ML	6 080
22	29,20	NT22ML	7 390

Case STUDY



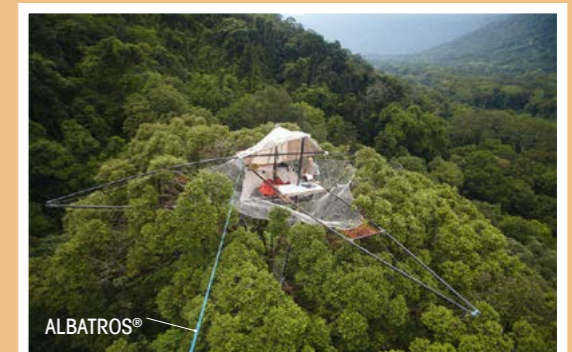
POLYAMIDE BRAIDED ROPE

Hot air balloon

The basket is linked to the envelope by a set of lines made of textile fibers.

A hot air balloon features various types of ropes, each of them with their own specific role and corresponding properties.

Hot air balloons can be flown tethered, linked to the ground by ropes.



Le Radeau des cimes (raft of treetops)

The "Radeau des cimes" participates to knowledge improvement of tropical forests and canopy biology. The multiple scientific explorations organized also aim to disseminate this topic to the public and mobilize people around the eco-system's preservation.

Our ropes are part of the daily equipment this passionate team is using

MARINE

With over 30 years of experience in the leisure marine industry and ocean racing, Corderie Lancelin is also active in heavy marine and defence sectors.

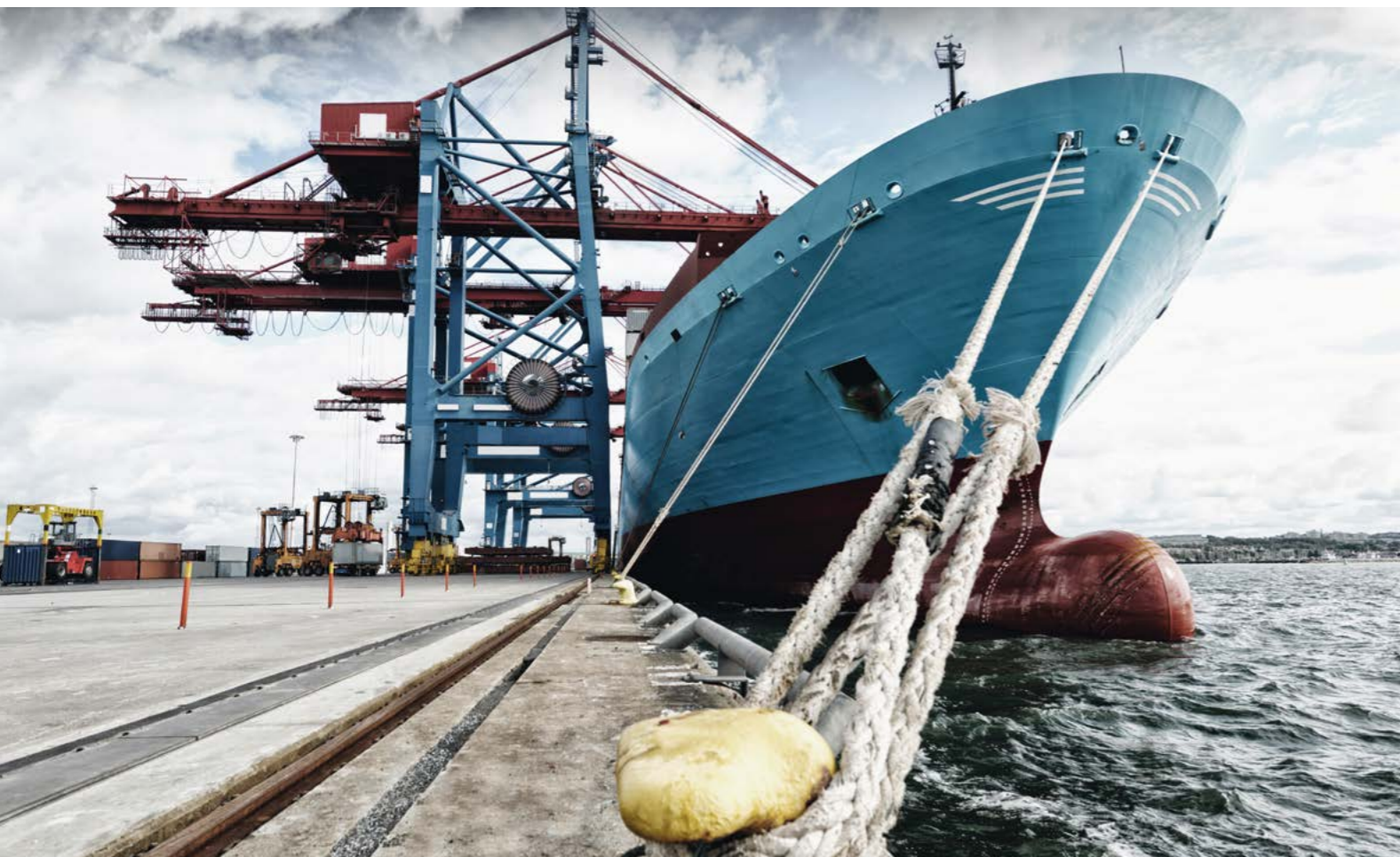
Mooring, towing, submarine cable laying, leisure boating, sailboat racing, the range of fibres we use is wide enough to address all marine needs.

Our R&D facility includes 2 load benches. One for fatigue testing and the other one for break testing up to 100 tons of load. We are able to confirm the quality and performance of all our ropes.



Sommaire

Towing rope	p.38
Floating cable	p.38
Braided mooring line "Prestige"	p.39
Nomex®	p.40
Héolia®	p.40
Punch®	p.41



Top PRODUCT

Héolia®

REFER TO PAGE 40



- Light weight
- Hydrophobic

- Good floatability
- Light weight

- Very flexible
- Comfortable to handle



COLOR
GREY COATING



COLOR
WHITE



COLORS
PALETTES 1 & 2
PAGE 43

TOWING ROPE

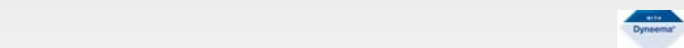
Properties

Recommended for high load towing, this single braid is compact, light, hydrophobic and easy to handle. This weatherproof Dyneema® tow rope has a lot of advantages.

In contrast to steel wire, there is no risk of backlash if breakage occurs. At equivalent weight, it is 15 times stronger than steel and in case it breaks, it can be easily spliced for immediate re-use.

Construction

12 strand Dyneema® SK75 single braid



TOWING ROPE

DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER	BREAKING LOAD (KG)
20	18,85	DYNE20R	27 744
22	22,17	DYNE22R	32 640
24	26,61	DYNE24R	37 209
26	31,93	DYNE26R	44 651
28	39,03	DYNE28R	49 351
30	44,60	DYNE30R	56 401
32	53,90	DYNE32R	68 152
34	60,64	DYNE34R	76 671
36	65,05	DYNE36R	82 252
38	74,34	DYNE38R	94 003
40	83,64	DYNE40R	105 753
44	97,57	DYNE44R	123 379
48	116,16	DYNE48R	146 880
50	125,45	DYNE50R	158 630

FLOATING CABLE

Properties

The floatability of this rope is the result of blending polyamide and polypropylene for the cover and the Dyneema® SK75 core.

Light weight and abrasion resistance are two major advantages when mooring with high loads and repeated manoeuvres.

Construction

Cover: 24 strand polyamide and polypropylene

Core: 12 or 16 strand Dyneema® SK75 braid



FLOATING CABLE

DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER	BREAKING LOAD (KG)
14	10,43	FLOAT14	7 782
16	11,67	FLOAT16	11 776
18	19,64	FLOAT18	19 853
20	23,58	FLOAT20	24 499
24	27,57	FLOAT24	26 266
28	42,86	FLOAT28	43 776
32	56,52	FLOAT32	54 477
36	65,09	FLOAT36	63 232
40	94,32	FLOAT40	93 312

BRAIDED MOORING LINE PRESTIGE

Properties

The construction of the cover gives a very flexible and comfortable rope to handle.

Splices can be made with leather sleeves.

Construction

Cover: 16 or 24 strand polyester. Strands are given an extra twist

Core: 12 or 16 strand polyamide

BRAIDED MOORING LINE - PRESTIGE

DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER	BREAKING LOAD (KG)
16	18,20	DT16AM1	4 900
18	20,00	DT18AM1	5 900
20	26,00	DT20AM1	8 500
22	31,50	DT22AM1	11 000
24	36,40	DT24AM1	12 500
26	42,50	DT26AM1	13 750
28	45,20	DT28AM1	16 000
30	58,50	DT30AM1	18 500
32	61,80	DT32AM1	21 000
36	76,40	DT36AM1	28 000
38	91,80	DT38AM1	31 450
40	106,00	DT40AM1	35 000
44	122,00	DT44AM1	38 500

Case STUDY



TOWING ROPE

Towing

Nowadays, Dyneema® ropes are a good alternative to steel cables.

These high performance braids offer multiple benefits.

They float, there is no risk of backlash in case of breakage, they are easy to handle, they are much lighter than steel cables and they can be rolled on drums of a smaller diameter.

Dyneema® towing ropes are usually finished with spliced eyes and leather or Cordura® protective sleeves..



PRESTIGE

Mooring

The captain holds the responsibility for a moored boat. It is essential to achieve a good state of the art mooring. It is the best insurance for your boat and the surroundings.

The right high quality mooring will allow you to enjoy time ashore whilst you know your boat is securely moored.

- Soft to touch
- High breaking load and abrasion resistance

- Very high resistance to abrasion
- Good grip on winches

- Easy to splice
- Low elongation



COLOR
WHITE



COLORS
PALETTE 3
PAGE 43



COLORS
PALETTES 1, 2 & 3
PAGE 43

NOMEX®

Properties

New generation of halyards and sheets for classic boats and old gaffers. The Nomex® and polyester blend gives a flexible rope with high resistance to abrasion and soft to touch.

This high technology rope with a classic look perfectly fits all types of boat.

Nomex® is a registered trade mark of Dupont de Nemours®. This material features a high resistance to abrasion

Construction

Cover: NOMEX®/polyester 24 or 32 strand braid

Core: Dyneema®/polypropylene 12 strand braid



NOMEX®			
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER	BREAKING LOAD (KG)
08	4,24	HELEX08L	2 500
10	6,51	HELEX10L	3 500
12	8,92	HELEX12L	4 990
14	12,08	HELEX14L	7 450
16	14,72	HELEX16L	9 000
18	18,82	HELEX18L	11 500
20	22,71	HELEX20L	14 950
22	26,55	HELEX22L	18 500
24	29,90	HELEX24L	22 500

HÉOLIA®

Properties

HÉOLIA® has been designed to hold constant high loads. The blend of fibers used for the cover gives a very high resistance to abrasion and a good behavior on winch drums. This sheet is easy to splice and can be tapered.

Construction

Cover: 24 strand. Blend of Technora® or Vectran®/Dyneema® SK78 / polyester

Core: 12 strand Dyneema® SK78. Coated and heat pre-stretched

On request: 12 strand Dyneema® SK99 core. For Vectran® version, delete the letter "T" in the product number. (i.e. HEOLIA06TRSK78 > HEOLIA06RSK78)



HEOLIA® TECHNORA®			
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER	BREAKING LOAD (KG)
06	3,10	HEOLIA06TRSK78	2 300
08	4,40	HEOLIA08TRSK78	3 750
10	6,80	HEOLIA10TRSK78	6 900
12	9,60	HEOLIA12TRSK78	9 000
14	12,40	HEOLIA14TRSK78	12 400
16	16,50	HEOLIA16TRSK78	15 850
18	21,80	HEOLIA18TRSK78	18 900
20	26,10	HEOLIA20TRSK78	23 000
22	28,60	HEOLIA22TRSK78	26 800
24	34,20	HEOLIA24TRSK78	31 000

PUNCH®

Properties

Higher breaking load than Aramid for a lower density. This easy to splice rope shows low elongation.

Sold by the reels. 100 or 200 meters.

Construction

From 4 to 6 mm:

Cover: 16 strand continuous polyester

Core: parallel. Dyneema® SK78 /polypropylène

From 8 to 16mm:

Cover: 24 strand continuous polyester

Core: 12 strand Dyneema® SK78 /polypropylene



PUNCH®			
DIAMETER (MM)	WEIGHT (KG/100 M)	PRODUCT NUMBER	BREAKING LOAD (KG)
06	2,60	PUNCH06	750
08	4,10	PUNCH08	2 500
10	6,40	PUNCH10	3 500
12	9,50	PUNCH12	4 990
14	11,20	PUNCH14	7 450
16	15,70	PUNCH16	9 000

CaseSTUDY



Schooner "Atlantic"

Over three years of technical and historical research resulted in sufficiently detailed plans and information to enable a highly accurate and authentic recreation of this schooner built in 1903. The project was ambitious; with her length over deck of 185 feet (56 meters) she is the largest classic racing schooner ever to be recreated. We supply technical ropes with a classic appearance to respect her history and soul.



SODEBO ULTIM trimaran

The technical demands of our boats require high quality ropes. Lancelin ropes match these requirements and allow us to sail with peace of mind. Thank you to the whole Corderie team.

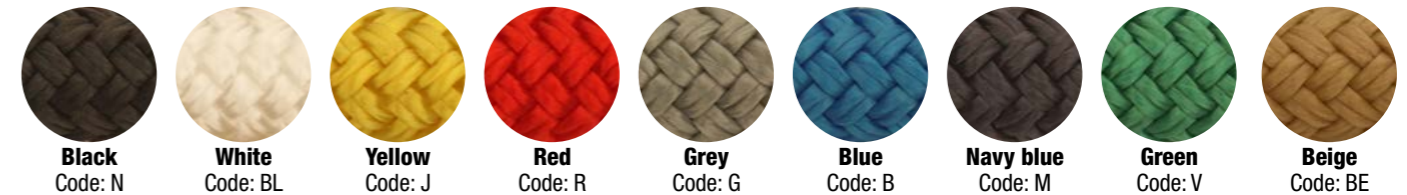
Thomas COVILLE,
skipper of SODEBO ULTIM

ROPES INDEX BY CONSTRUCTION

PRODUCTS	COVER	CORE	BREAKING STRENGTH (kg) Ø8mm	PAGE	
DYNEEMA® RACING		Dyneema®	8 750	8	
DYNEEMA® STANDARD		Dyneema®	8 250	28	
WINCH LINE		Dyneema®	6 600	32	
SOFT SHACKLE		Dyneema®	5 000	32	
TOWING ROPE		Dyneema®	27 744 (Ø20mm)	38	
FLOATING LINE	Polypropylene/ Polyamide	Dyneema®	24 499 (Ø20mm)	38	
AERIAL TRACK LINE	Polyester	Dyneema®	5 568	9	
ALBATROS®	Polyester	Dyneema®	4 750	34	
PUNCH®	Polyester	Dyneema® / Polypropylène	2 500	41	
HÉOLIA®	Technora®/ Dyneema®/Polyester	Dyneema®	4 750	40	
TECHNOTRESSE	Polyester	Technora®	3 950	10	
BRAIDED MOORING ROPE PRESTIGE	Polyester	Polyamide	8 500 (Ø20mm)	39	
LOOPS		Dyneema®	4 000	33	
BLACK TECHNOBRAID		Technora®	6 300	8	
CABLE COVERING	Polyester	Polyester	1 250	11	
POLYESTER BRAID / POLYESTER CORE	Polyester	Polyester	1 100	14	
REFLECTOR ROPE	Polyester	Polyester	1 250	16	
POLYESTER BRAID / PENTEX CORE	Polyester	Polyester	1 250	14	
POLYESTER CLASSIC	Polyester	Polyester	3 000	20	
FRANCE OLYMPE® POLYESTER	Polyester	Polyester	1 250	28	
CALLISTO®	Polyester	Polyester	1 250	29	
3-STRAND COLOUR POLYESTER		Polyester	1 020	22	
POLYESTER SINGLE BRAID	Polyester		1 450	15	
POLYESTER EXTRA COVER	Polyester			23	
THE TEMPEST®	Multifilament Polyester	Continuous Polyester	630	27	
SHOCKCORD		High Tenacity Polyester		17	
CONDUCTOR BRAID		Polyester	1 450	34	
FRANCE OLYMPE® ARAMIDE	Polyester	Technora®	1 360	22	
HÉLIOS® T	Technora®/Polyester	Dyneema®	3 750	26	
NOMEX®	Nomex®/Polyester	Dyneema®/ Polypropylène	2 500	40	
PURE VECTRAN® BRAID		Vectran®	4 200	10	
POLYAMIDE BRAIDED ROPE	Polyamide	Polyamide	900	35	
SAFETY ROPE	Polyamide	Polyamide	3 000 (Ø10.5mm)	16	
NOMEX® 100%	Nomex®	Technora®		21	
3-STRAND POLYPROPYLENE		Polypropylene	650	20	
POLYETHYLENE SINGLE BRAID		Polyethylene	510	26	

AVAILABLE COLORS

1



2

OPTION FOR SPECIFIC



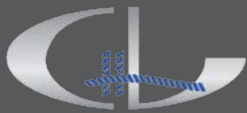
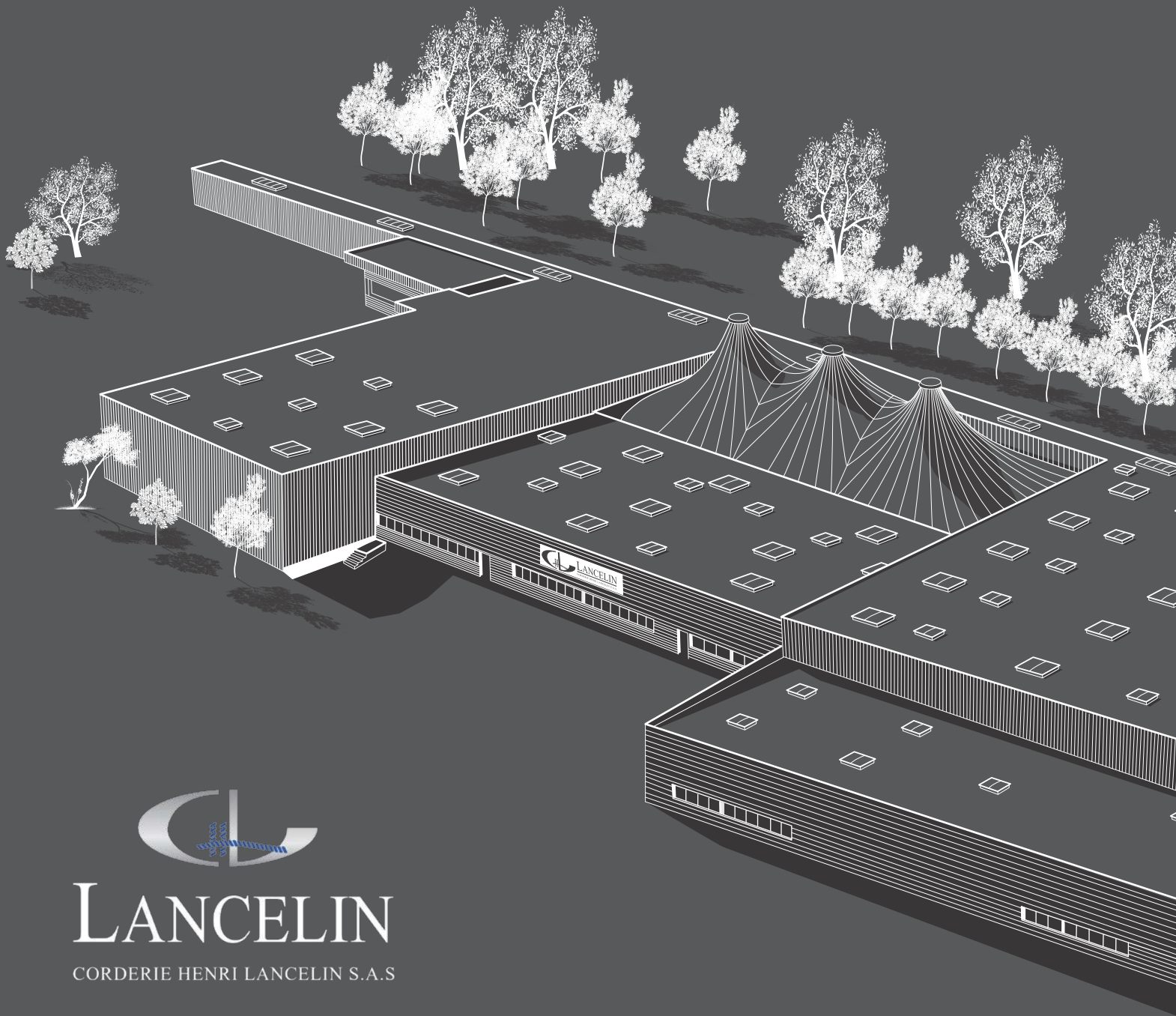
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FLECKED

The following are standard :



You can also specify custom flecked colors matching your graphic chart. Please contact us



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