



Kitelines



LIROS
FLIGHTSPORTTECHNIQUE

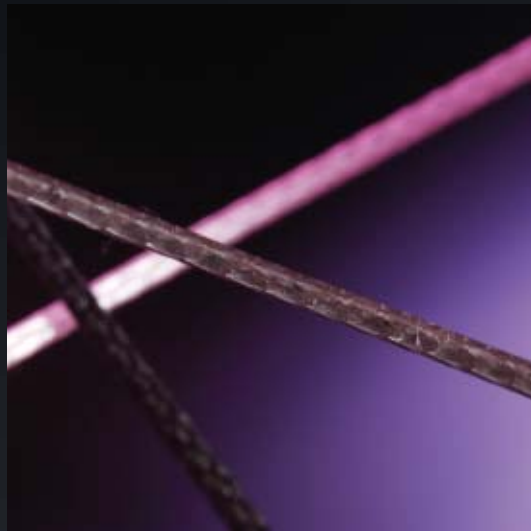
LIROS Kitelines

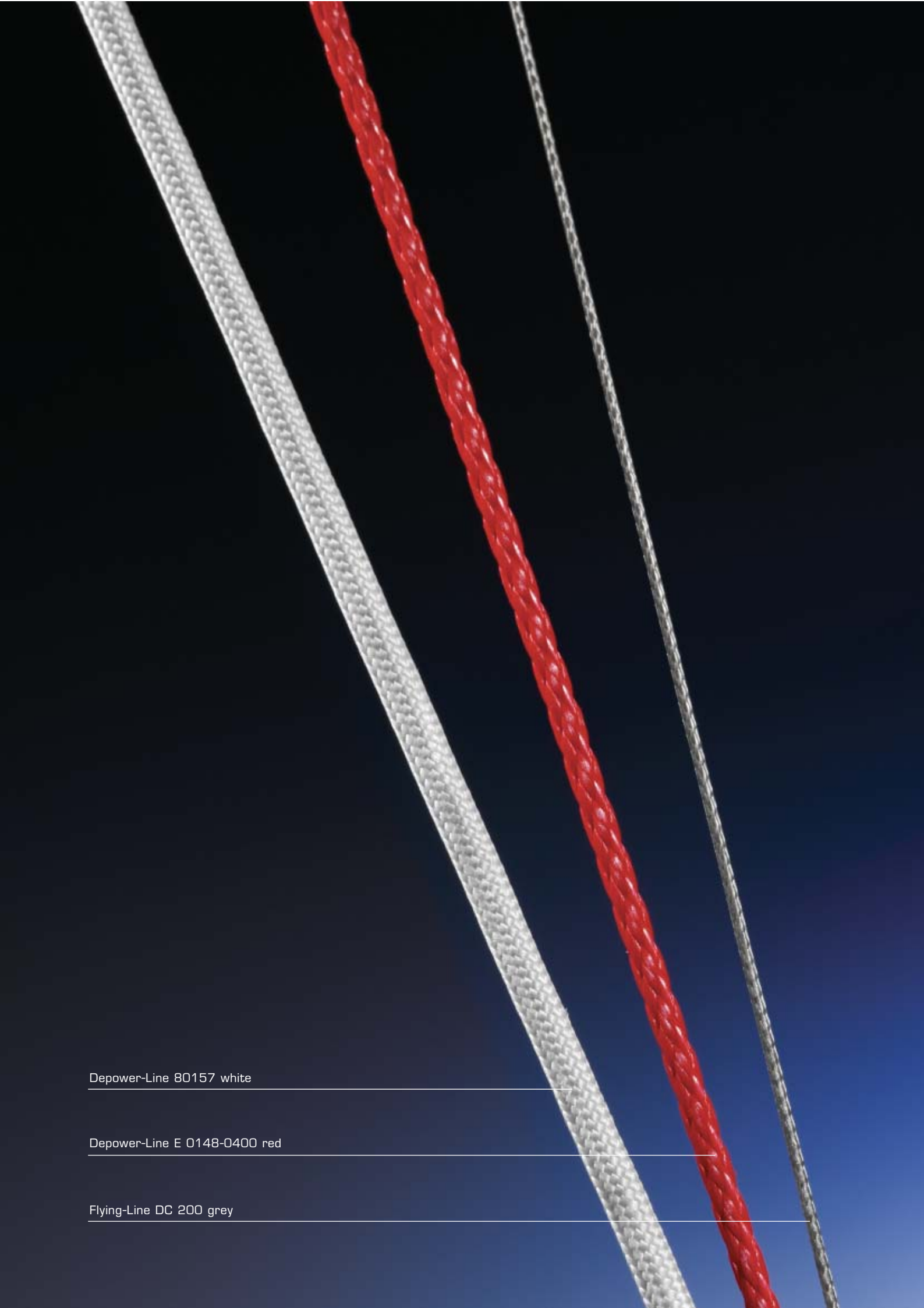


Fotocredit: Christina Black

LIROS-Flightsporttechnik offers a wide range of kitelines for Tube- and Bridle-Kites which are all manufactured to the highest possible specification giving the very best in performance.

This performance is delivered due to the unique LIROS-HEAT-STRETCH-SYSTEM which reduces the stretch and creep of Dyneema to the performance of the traditional Technora lines. Our newest development ARC-Coating is revolutionary in DePowerlines and improves abrasion resistance by up to 75%.



The image features three ropes of different colors and textures against a blue gradient background. From left to right, there is a thick white rope with a woven texture, a thick red rope with a braided texture, and a thin grey rope with a braided texture. Each rope is oriented diagonally from the top-left towards the bottom-right.

Depower-Line 80157 white

Depower-Line E 0148-0400 red

Flying-Line DC 200 grey

LIROS KiteLines



Bridle-Lines

LIROS DC-Series are the very durable bridle lines for soft kites that combine performance with very low stretch.

Construction: 100% Dyneema with the unique LIROS-HEAT-STRETCH-SYSTEM delivering minimal stretch and creep characteristics.

- extremely low stretch
- excellent abrasion resistance
- LIROS-HEAT-STRETCH-SYSTEM
- easy to splice
- floats

Available lengths: 100 m or 1000 m

Sleeve Covers

LIROS PC-Series is the abrasion resistant sleaving for DC-Series and limits wear on the loops.

Flying-Lines

LIROS DC-Series are the very durable flying lines for soft kites that combine performance with very low stretch.

Construction: 100% Dyneema with the unique LIROS-HEAT-STRETCH-SYSTEM delivering minimal stretch and creep characteristics.

- extremely low stretch
- excellent abrasion resistance
- LIROS-HEAT-STRETCH-SYSTEM
- easy to splice
- floats

Available lengths: 100 m or 1000 m

DePower-Lines

LIROS DePower-Lines are the lowest stretch DePower-Lines on the market. They combine these remarkable stretch characteristics with the unique ARC-Coating giving greater durability than conventional DePower-Lines. The red tell-tale core shows the kiter when the DePower-Line needs replacing. It is also covered with LIROS-ARC-COATING.

- the very best resistance to abrasion
- minimal stretch
- floats

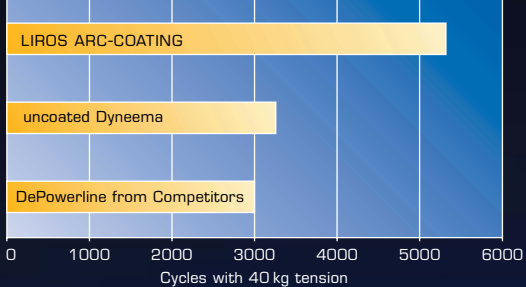
Length: 100 m

Leader- / Extension-Lines

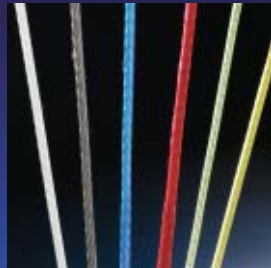
LIROS-Magic-High-Trim is the perfect low stretch Extension-Line. The 100% Dyneema core is covered with high tenacity polyester giving minimal stretch characteristics high breaking strain all combine to give precision control of the bar.

- low stretch
- excellent resistance to abrasion

Available lengths: 100 m or 250 m



Abrasion Resistance of LIROS-DePowerline with ARC-COATING





Leader- / Extension-Line 02080-0400 white

Bridle-Line DC 100 blue

Bridle-Line DC 120 red

Bridle-Lines

Ref. No.	Breaking strength [kg]	Breaking strength eff. [kg]	Diameter [mm]	Weight [g/m]	Elongation at 30 daN	Line creep after 30 daN
DC000-0060	60	84	0,60	0,24	0,43	0,08
DC000-0100	100	110	0,80	0,42	0,36	0,08
DC000-0120	120	133	0,85	0,59	0,44	0,24
DC000-0160	160	200	1,10	0,87	0,57	0,13

Colours: red, yellow, grey, green, blue and white

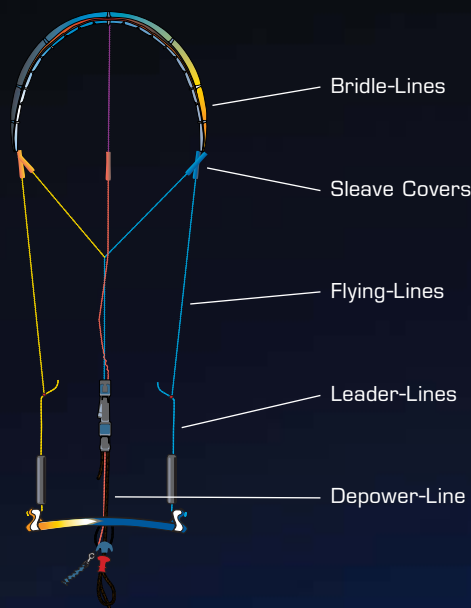
DSL00-0070	70	92	0,95	0,79	1,00	0,25
------------	----	----	------	------	------	------

Colours: red, yellow, green, blue and purple

Sleeve Covers

Ref. No.	to cover diameter [mm]
PC000-0060	0,60
PC000-0120	0,80 + 0,85
PC000-0160	1,10
PC000-0200	1,60
PC000-0300	1,80 + 2,05

Colours: red, green and black

**Flying-Lines**

Ref. No.	Breaking strength [kg]	Breaking strength eff. [kg]	Diameter [mm]	Weight [g/m]	Elongation at 30 daN	Line creep after 30 daN
DC000-0160	160	200	1,10	0,87	0,57	0,13
DC000-0200	200	248	1,60	1,42	0,40	0,24
DC000-0300	300	368	1,80	2,01	0,25	0,12
DC000-0500	500	600	2,05	2,73	0,42	0,29
DSL00-0600	600	675	2,40	4,30	0,24	0,08

Colours: red, yellow, grey, green, blue and white

Leader- / Extension-Lines

Ref. No.	Breaking strength [kg]	Breaking strength eff. [kg]	Diameter [mm]	Weight [g/m]	Working stretch [%]
02080-0400	800	810	4	1,28	< 2
02080-0500	1100	1110	5	1,71	< 2

Colours: red, yellow, grey, green, blue and white

Depower-Lines covered with LIROS ARC-Coating

Ref. No.	Breaking strength [kg]	Diameter [mm]	Weight [g/m]	Working stretch [%]	Construction
EO148-0400	850	4,00	05,50	< 1,3	8-plaited
EO148-0500	1760	5,00	10,80	< 1,3	8-plaited
EO148-0560	1800	5,60	18,00	< 1,3	12-plaited
80157-0500	870	5,50	17,00	< 3,0	32-plaited

Colours: red, yellow, grey, green, blue and white



Rosenberger Tauwerk GmbH
LIROS Flightsporttechnik

Poststraße 11
D-95192 Lichtenberg
Tel. +49 (0) 92 88 / 71-32
Fax: +49 (0) 92 88 / 71-24
www.liros.com
fg@liros.com