



## LIROS Dyneema®-Spisheet-Special 02049

Very light, high quality, individually produced tapered spi sheet with extremely low stretch and high strength thanks to a new construction using a high proportion of Dyneema® in the core. Minimum water absorption.

- high performance
- high quality for excellent durability
- low stretch and water absorption due to the high proportion of Dyneema® in the core
- excellent handling characteristics
- diameters available from 3 to 12 mm
- custom manufacture for special requirements
- light weight cover

**Cover** The thicker part – staple spun matt Polyester mixed with Dyneema® SK78.  
Thinner part – 100% Dyneema®

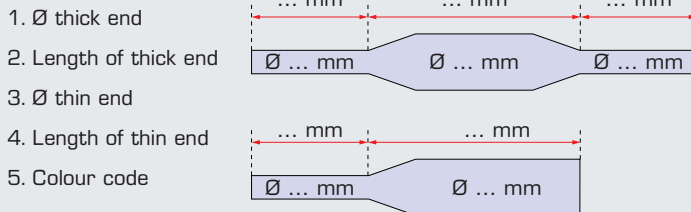
**Core** Dyneema® SK78

### Colours

|  |              |
|--|--------------|
|  | 179          |
|  | Red-White    |
|  | 021          |
|  | Blue-White   |
|  | 067          |
|  | Yellow-White |
|  | 092          |
|  | Green-White  |
|  | 204          |
|  | Black-White  |
|  | 228          |
|  | White        |



### Required order specifications 02049 + 02043:



### Available diameters 02049 + 02043

|           |            |            |
|-----------|------------|------------|
| 3 to 5 mm | 4 to 10 mm | 6 to 8 mm  |
| 3 to 6 mm | 5 to 8 mm  | 6 to 9 mm  |
| 4 to 6 mm | 5 to 9 mm  | 6 to 10 mm |
| 4 to 8 mm | 5 to 10 mm | 6 to 12 mm |
| 4 to 9 mm | 5 to 12 mm | 8 to 12 mm |

## LIROS Tapered Sheet 02043

Individually-tailored tapered sheet. Good grip with seamless tapering from thick to thin. Specify your diameters when ordering.

- low water absorption
- good grip
- flexible diameter (3-12 mm available)
- Customizable diameter and length
- Lightweight Opti version (6 mm-9 mm-6 mm) in lengths 1.5 m / 2.5 m / 3 m (Ref. 02042-0100)

### Colours

|  |           |
|--|-----------|
|  | 199       |
|  | Black-Red |
|  | 236       |
|  | White-Red |

**Cover** 9 mm – matt Polyester  
6 mm – high tenacity Polyester

**Core** high tenacity Polyester



**NEW**



## LIROS Taper Pro

02010

LIROS Taper Pro has been developed specially for the latest generation of headsail furlers. The core is constructed of Dyneema® and covered in a heavy duty polyester which tapers progressively over the length of the rope – the thin end is the part that rolls on the drum and the thick end is the part that is used for handling and winching.

- Stretch characteristics <1.5%
- very good grip on winch drums
- simplifies reefing

### 02010-0900

Tapering from 9 mm (20 m) to 6 mm (10 m) = 30 m

### 02010-1100

Tapering from 11 mm (20 m) to 8 mm (15 m) = 35 m

| Ø mm | Breaking strength kg | Length of spool            |
|------|----------------------|----------------------------|
| 9-6  | 2300                 | 20 m Ø 9 mm + 10 m Ø 6 mm  |
| 11-8 | 3600                 | 20 m Ø 11 mm + 15 m Ø 8 mm |

### Colours

|  |                          |
|--|--------------------------|
|  | 403<br>Silver-Steel-Blue |
|  | 423<br>Silver-Red        |
|  | 424<br>Silver-Green      |

**Cover** Polyester high tenacity 1:1-plaited

**Core** Dyneema® SK78 with additional cover plait



**LIROS HSS**  
Heat Stretch System



## LIROS Soft Shackle

| Ref. | Breaking strength t | Colour | Safe working load t** | approx. Rope Ø mm | Rope Ø |
|------|---------------------|--------|-----------------------|-------------------|--------|
|------|---------------------|--------|-----------------------|-------------------|--------|

|                   |     |             |      |    |    |
|-------------------|-----|-------------|------|----|----|
| <b>00146-0066</b> | 1   | 228 White*  | 0.5  | 6  | 4  |
| <b>00146-0090</b> | 1.5 | 316 Carbon  | 0.75 | 8  | 5  |
| <b>00146-0069</b> | 2   | 171 Red*    | 1    | 12 | 6  |
| <b>00146-0070</b> | 4   | 010 Blue*   | 2    | 16 | 8  |
| <b>00146-0071</b> | 6   | 059 Yellow* | 3    | 18 | 10 |
| <b>00146-0072</b> | 8   | 086 Green*  | 4    | 20 | 12 |
| <b>00146-0073</b> | 10  | 316 Carbon  | 5    | 24 | 14 |

\* All sizes available in carbon colour  
\*\* t = tons

### Colours

|  |               |
|--|---------------|
|  | 228<br>White  |
|  | 171<br>Red    |
|  | 010<br>Blue   |
|  | 059<br>Yellow |
|  | 086<br>Green  |
|  | 316<br>Carbon |

**Material** Dyneema® SK78

The LIROS Soft Shackle is a perfect replacement for heavy traditional metal snap shackles and screw shackles. Easy to use, requires no tools. Made of 100% Dyneema® SK78.

**New:** fast, simple quick-release mechanism with easy-to-read loading capacity printed on the integrated LIROS tape.

Superior to steel shackles:

- No deck damage
- 10x lighter than same-strength metal shackle
- stays locked even when not under load
- easy to undo without tools even after high loads
- multiple applications for yachting and industry.

**NEW**



**LIROS HSS**  
Heat Stretch System  
**LIROS LCS**  
LIROS Coating System