

2020



LIROS

Offroad Ropes

- Light, long lived and flexible
- High-strength with extreme break load
- Fast and save connections
- Extreme high force absorption
- Perfect wire rope replacement

Quality
Ropes



Made in
Germany

**WORLD
INNOVA-
TION!**



LIROS Offroad Winch Rope

01481

- High-strength and extremely tear-resistant rope for hard winch use
- Perfect steel wire replacement
- Extremely high breaking load with smallest diameter and lowest weight
- Carabine hook on the one end + 2 moveable protective jackets for friction points
Winchend: special flat terminal for winch drum attachment, protected by 3 m heat resistant monofilament braid

Reference	Ø (mm)	Length (m)	Winch size (t)	Breaking strength (daN)
01481-0602	6	20	1,3	4000
01481-0603	6	30	1,3	4000
01481-0801	8	30	4,3	5500
01481-0802	8	40	4,3	5500
01481-1001	10	30	4,3	8500
01481-1002	10	40	4,3	8500



Material
Dyneema®

Hook breaking strength: 2,5 t safe working load

LIROS Offroad XTR

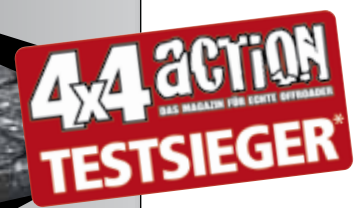
04010-0900

- World innovation – a new evolutionary stage of winch ropes
- No metal components
- Flexible, lightweight and extremely heat-resistant
- End connection metal-free with integrated high-strength LIROS Soft Shackle
- Extreme breaking load
- Constructed from high-tech material Vectran®
- Registered design DPMA

Ø (mm)	Breaking strength (daN)	Weight (kg/pce.)	Length (m)
9,4	9000	2,4	27
NEW 11	10800	2,7	20

Material 100% Vectran® with XTR-Coating

Construction 12-plaited



* winner in „4x4 Action“ magazine. Six other winch lines tested (4/2014 issue).

LIROS Offroad Towing Rope

01058-2401

- Very high-quality towing rope
- Extremely high force absorption during dynamic towing
- Both ends with 20cm eye and protective sleeve made of abrasion resistant polyester
- Up to 30% stretch under shock loading
- The line enables to drag out stranded off-road vehicles out of the toughest situations

Reference	Ø [mm]	Length [m]	Breaking strength (splice) [daN]	Breaking strength (linear) [daN]
01058-2401	24	5	11000	13500
01058-2402	24	8	11000	13500
01058-2403	24	12	11000	13500
01058-2404	24	15	11000	13500
NEW 01058-2802	28	9	15000	17500
NEW 01058-2803	28	12	15000	17500
NEW 01058-2804	28	15	15000	17500

Material
Polyamide high-strength

Construction
8-strand octoplat

EXPLORER
Testurteil: Sehr gut

* received test result: „very good“ in a test by Explorer-Magazin (issue summer 2017)



Also available in colour black!

LIROS Offroad Performance

01481-1201

- Towing rope with integrated LIROS Soft Shackle
- Developed and tested together with the best teams in international rallye sports
- Made of 100% textile high-strength Dyneema®
- Replaces heavy steel ropes and steel fittings
- Enables a fast and save connection
- Flexible and lightweight with maximum breaking load
- Two integrated LIROS Soft Shackles



Ø [mm]	Breaking strength [daN]	Weight [kg/pce.]	Length [m]
12	13000	1,3	12

Material
100% Dyneema® with XTR-Coating

Construction
Both ends LIROS special Soft Shackle



LIROS Offroad Shackle

00146

- Flexible and lightweight with extreme breaking load and holding force
- Shackle can't open accidentally under load
- Extremely protective sleeve specially developed for off-road use
- Very long-lived

Reference	Ø [mm]	Breaking strength [daN]	Working load [daN]
00146-0077	10	7000	4000
00146-0078	12	12000	7000
00146-0079	14	20000	12000
NEW 00146-0307	20	35000	21000



Material 100% Dyneema® **Protective sleeve** Polyester



LIROS HSS

||||| Heat Stretch System

LIROS HSS pre-stretch system uses exact heat treatment to guarantee the highest accuracy in any application.

LIROS LCS

||||||| LIROS Coating System

LIROS LCS is the best protection against wear-and-tear and UV effects for technical ropes. LIROS LCS increases UV- and wear-resistance by up to 50%.

LIROS D-Steel

01481

- Highest breaking load and lowest elongation values with smallest diameters
- First choice for all applications with extreme loads
- Optimal as replacement of steel ropes in various technical applications
- Excellent spliceability, can also be used with cover
- High UV-stability and durability
- Water repellent

Ø [mm]	Breaking strength [daN]	Length of spool [m]
8	6800	100/as required
10	10500	100/as required
12	14500	100/as required
14	17500	100/as required
16	22000	100/as required
18	26000	100/as required
20	32000	100/as required
22	38000	100/as required
24	44000	100/as required
26	50000	200 (Coil)
28	52000	200 (Coil)
30	61000	200 (Coil)
32	68000	200 (Coil)
34	74500	200 (Coil)
36	81000	200 (Coil)
38	94500	200 (Coil)
40	100030	200 (Coil)



Material
Dyneema®

Construction
12-plaited, heat set and coated

Quality
Ropes



Made in
Germany



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