

*X-LINE*



*BalticRopes*  
QUALITY. INNOVATIONS. EXPERIENCE

## Benefits of Synthetic Winch Line

Wire rope replacement is becoming increasingly important in any vehicle recovery applications. Numerous advantages of modern synthetic ropes made them an obvious choice for many off roaders; offering exceptional strength, handling and significant safety improvements over traditional wire ropes.

- One of the most important features of synthetic winch lines is the safety they provide. Synthetic lines do not store energy while under load and are very lightweight. This means that if something should go wrong and the rope breaks, it will harmlessly fall to the ground. Steel wire rope on the other hand, stores a tremendous amount of energy under load, and in the case of breakage, will violently snap back. This can cause serious injury to people involved in the winching procedure.

- Synthetic winch lines do not have any wire splinters or burrs like steel wire ropes commonly do, so there is no chance of getting a surprise hand injury while handling a synthetic line.

- Synthetic winch lines are 7 times lighter than steel and float on water, making them much easier to carry and handle.

- Once a wire rope kinks its breaking strength is seriously affected and should be removed from service. You don't need to worry about kinks with a synthetic rope because it does not have memory.

Most operators prefer working with a synthetic line and after making the switch never go back to the steel cable.

This brochure details special range of modern synthetic ropes for any vehicle recovery applications developed and manufactured by *BalticRopes*.



## Advantages Over Steel Wire Rope

- ✓ Safer than steel wire rope
- ✓ Stronger than steel wire rope
- ✓ Extremely lightweight makes it easy to use
- ✓ No memory retention
- ✓ No more cut hands from wire splinters
- ✓ Will not kink like steel wire rope
- ✓ Floats in water
- ✓ Will not rust

# X-LINE 12-STRAND HMPE

Diameter (mm)	5	6	8	9	10	12	14	16
Weight (g/m)	14	23	38	52	62	94	130	165
MBL spliced (kg)	1 670	3 780	6 030	7 870	9 720	14 850	19 800	24 750
Spliced Lengths Available	15,2 m (50 ft) *		30,5 m (100 ft) *				* Custom lengths available on request	



SWL (Safe Working Limit) - 1,12T; 2T; 3,15T - Yellow



SWL (Safe Working Limit) - 2,5 T - Blue

*X-LINE 12-strand\_HMPE* is designed as winch rope to be installed on any off-road winches used for winching and recovery. We recommend this rope as wire rope replacement applications including commercial and military vehicle recovery.

HMPE 12-strand pre-stretched and heat-treated construction offers very low stretch as much strength as a steel cable and is protected with special coating to improve abrasion resistance and protect from dirt, sand and oil. This product is the most advanced synthetic winch line on the market.

**Product Include:** one spliced eye with a metal thimble plus colored hook; it includes sliding protection sleeve at one end and drum connection plus protection tube – at other end.

- Elongation at half load ~ 2,4%
- Chemical resistant
- Abrasion resistant
- Do not absorb water
- Floats on water
- UV-resistant



<< 4 options of Painted Hooks available

## SOFT SHACKLE *HMPE*

Factory spliced *SOFT SHACKLES\_HMPE* offer outstanding strength and incredible light weight, which makes them perfect replacement for the conventional steel shackles. Made from 100% HMPE fiber, Soft Shackle is a multi-purpose tool with many applications. The shackles are adjustable, soft and it will not damage surfaces around it. They can be stored nearly anywhere without clinking and clanking, and they are perfect for wrapping around the tubes of buggies, roll cages, and bumpers.

**HMPE Soft Shackles** are the most secure way to attach recovery rope (snatch ropes or slings) to a closed-loop anchor point on your vehicle.

- Elongation at half load ~ 3,4%
- Chemical resistant
- Abrasion resistant
- Do not absorb water
- Floats on water
- UV-resistant



Available with extra protection



Available with extra protection

\* Custom sizes available on request

Diameter (mm)	5	6	8	9	10	12	14	16
Weight (g/m)	14	23	38	52	62	94	130	165
MBL spliced (kg)	1 670	3 780	6 030	7 870	9 720	14 850	19 800	24 750
Spliced Size Available	In all diameters		(80 mm) (120 mm) (150 mm) (200 mm)*					

## X-LINE 8-STRAND NYLON

Diameter (mm)	22	28	32	44	48	56	64	72
Weight (g/m)	305	490	640	1210	1440	1970	2570	3250
MBL spliced (kg)	10 750	17 000	22 020	39 150	46 850	61 650	78 200	99 100
Spliced Lengths Available	In all diameters (6 m) (8 m) (10 m) (12 m) (14 m) (16 m) (20 m) *							



*X-LINE 8-strand\_Nylon* is designed as recovery rope for use with Trucks, Tractors, Excavators and other Heavy Equipment. Nylon 8-strand braided construction offers high degree of stretch which makes the recovery extremely effective. The more stretch the more kinetic energy is built up to help move the vehicle, and the less impact on the vehicle itself. This towing rope provides a recovery solution with reduced stress to vehicle components.

- Elongation at half load ~ 25%
- Abrasion resistant
- UV-resistant
- Sink in water

## X-LINE 3-STRAND POLYSTEEL

Diameter (mm)	14	16	18	20
Weight (g/m)	89	116	147	181
MBL spliced (kg)	3 120	4 000	5 000	6 075
Spliced Lengths Available	In all diameters (4 m) (6 m) (8 m) *			



*X-LINE 3-strand\_Polysteel* is used as tow rope to rescue stuck or disabled average sized family or other passenger cars. Polysteel rope 3-strand twisted construction offers reasonable 9% stretch which makes the recovery effective and safe. Polysteel rope do not store energy while under load and makes no snap backs. This product is fitted with metal hooks with safety latch that can prevent it from falling off the car and make it easier to take off or put on.

- Elongation at half load ~ 9%
- Chemical resistant
- UV-resistant
- Floats on water

\* Custom lengths available on request



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