

## Superwinchline

A lightweight and flexible rope with a construction similar to steel wire. The outside of the strand is composed of continuous multifilament yarn between each outer monofilament.

This construction ensures that the rope has perfect shape retention. The outer multifilament filler yarns fur up and form a pile providing excellent resistance to surface abrasion. Available in 2 qualities: 100% nylon or polyester/copolymer.

- High strength/weight ratio
- Excellent on ship's hauling winches
- Easy to splice (similar to steel wire)
- Good shock absorption



Superwinchline Nylon



Superwinchline Polyester/copolymer

## Construction

6-strand cross lay composed of:

100% Nylon multifilament and monofilament

or

Polyester multifilament and copolymer monofilament



## Standard colour

White

## Properties

### Nylon (Polyamide) multifilament and nylon monofilament

Relative density	1,14
Temperature resistance	Can be used below 0° C Melting point 218° C (Nylon 6)
UV resistance	Excellent - fully stabilised
Extension	Breaking stretch of 29% (new rope) reduces to 20% (worked rope)
Flexibility	Good - excellent shape retention
Chemical resistance	Good resistance to alkalis - limited to acids

### Polyester multifilament and copolymer monofilament

Relative density	1,25
Temperature resistance	Flexible down to -40° C Melting point 220° C
UV resistance	Excellent - fully stabilised
Extension	Breaking stretch of 21% (new rope) reduces to 14% (worked rope)

*Flexibility* Remains flexible - no water absorption  
*Chemical resistance* Good - except to alkalis  
 Length measured under reference tension according to EN ISO 9554

## Typical applications

Tension winches

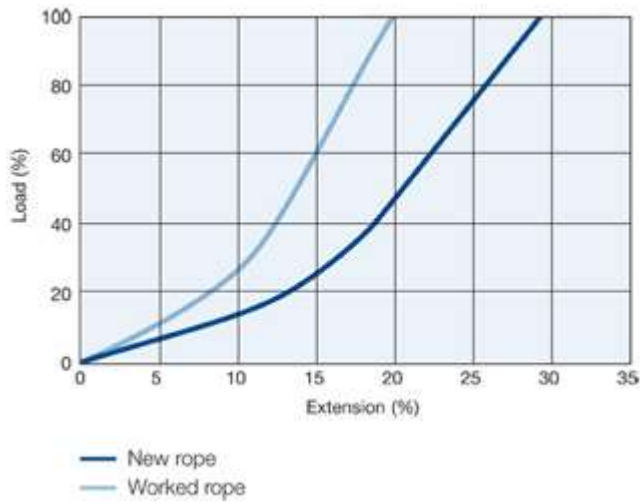
## Superwinchline Nylon

Diam. Ø	Circ. /	Mass	Min. breaking load	
mm	inch "	kg/100m	T	kN
36	4 ½	83,2	26	255
40	5	100	31	304
44	5 ½	125	42	412
48	6	148	50,1	491
52	6 ½	160	54	530
56	7	200	66,5	652
60	7 ½	217	70	686
62	7 ¾	235	79	775
64	8	245	81	794
68	8 ½	280	94	922
70	8 ¾	310	103	1010
72	9	335	108	1059
78	9 ¾	364	120	1177
84	10 ½	425	140	1373
90	11 ¼	505	165	1618
96	12	585	190	1863

## Superwinchline Polyester

Diam. Ø	Circ. /	Mass	Min. breaking load	
mm	inch "	kg/100m	T	kN
40	5	110	31	304
44	5 ½	137	42	412
48	6	163	50	490
52	6 ½	177	54	530
56	7	220	73,2	718
60	7 ½	238	77	755
62	7 ¾	259	86,9	852
64	8	270	89,1	874
68	8 ½	308	103	1014
70	8 ¾	341	113	1111
72	9	361	120	1176
78	9 ¾	400	132	1294

## Load VS Extension Nylon



### Load VS Extension Polyester

