

## DYNE<sup>TM</sup>X 60

### ... for bridles and sweeplines

The ropes are tight braided and with stiff core to make them more resistant to abrasion and to ease alignment on winch drums. The stiffness of the rope prevents entangling in use and handling. The rope is impregnated with Duracoat to improve abrasion resistance and endurance. Lengths may be supplied to customer request and/or delivered with professional eye splices.

Diameter of rope in mm (rope / overall dia )	Weight pr. 100 metres (kg)	Minimum breaking strength		Maximum unspliced length (m)
		(ton)	(kN)	
12 / 14	14,9	11,8	115,8	5.000
14 / 16	18,3	15,7	154,0	3.900
16 / 19	24,2	19,7	193,5	2.300
18 / 21	28,4	25,2	247,2	2.000
20 / 23	37,7	30,2	295,9	1.600
22 / 25	42,8	36,0	353,2	1.300
24 / 27	48,7	41,6	408,3	1.100
26 / 29	54,4	47,3	464,1	900
28 / 30	60,1	53,1	521,3	800
30 / 33	70,5	58,2	571,4	700
32 / 35	76,0	63,6	623,7	600
34 / 37	81,5	68,9	675,9	550
36 / 39	87,0	74,1	726,8	500
38 / 41	96,4	79,8	783,3	470
40 / 43	103,0	86,3	846,2	450
42 / 45	111,3	94,2	923,9	400
44 / 47	118,8	101,3	993,8	380
46 / 49	127,1	109,2	1.071,5	350
48 / 51	137,3	118,8	1.165,4	320
50 / 53	147,8	128,7	1.262,2	290
52 / 54	158,7	138,7	1.361,1	270
54 / 56	169,7	149,0	1.461,4	250
56 / 58	181,2	159,3	1.563,1	230
58 / 60	193,0	169,9	1.666,9	210
60 / 62	205,2	180,7	1.772,9	200

## DYNEX Rope Constructions

Hampidjan's DYNEX 75 ropes are made from DSM's *Dyneema*<sup>®</sup> SK75 fibres. The main focus is on the 12-strand braided ropes which have proven very popular for their roundness and smooth surface. These ropes combine good strength retention with good flexibility and dynamic properties. Termination is easy through splicing where up to 90% of linear strength is retained.



Three basic types are being offered:

- DYNEX 75 12-strand braided rope
- DYNEX 75 with braided cover
- DYNEX 75 Cable Rope

The 12-strand ropes are also available with partial braided cover when required. The ropes are produced in all diameters according to table.

For rugged environments and when stiffer or longer, unspliced ropes are required, the DYNEX rope with a braided cover is an alternative. Ropes made of several parallel braided ropes in the core are easily spliced. The ropes are produced in diameters up to 250 mm.

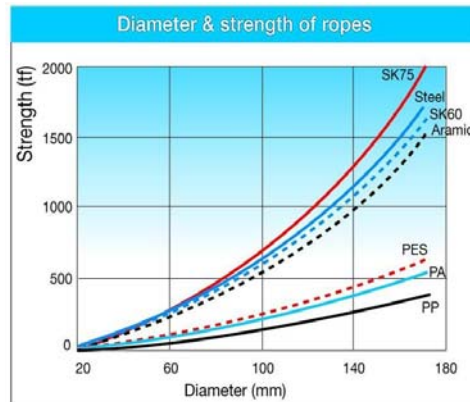
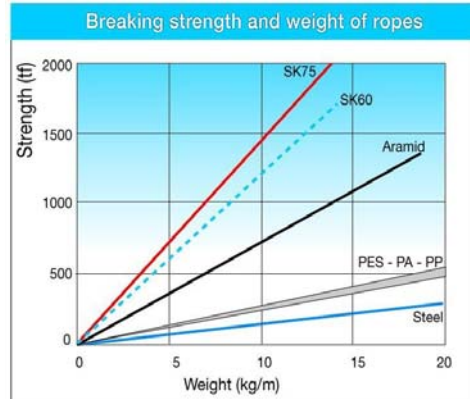
Where extra protection against abrasion is needed, the DYNEX Cable Rope is a strong candidate. The Cable Rope consists of a 12-strand rope with an extruded plastic cover.

## Dyneema SK75 Fibre Properties

<b>Density</b>	0.97 g/cm <sup>3</sup>
<b>Tenacity</b>	3.5 N/tex
<b>Modulus</b>	120 N/tex
<b>Elongation</b>	3.7%
<b>Melting point</b>	144-152°C
<b>Resistance to chemicals</b>	Excellent
<b>UV resistance</b>	Good
<b>Flexibility</b>	Good

## DYNEX Rope Properties

DYNEX ropes exceed the strength of steel wire ropes of same diameter while floating on water. They have low elongation and are extremely flexible, yielding easy handling in all respects.



Tested in accordance with OCIMF specifications

# HAMPIÐJAN

Bíldshofdi 9, P.O.Box 12422, 132 Reykjavík, Iceland  
Tel. +354 530 3300 Fax +354 530 3309  
www.hampidjan.is