

DYNEX DUX 75

... for bridles and sweeplines

Pre-stretched braided rope with ultra high breaking strength

Dynex Dux 75 is a new generation of ultra high performance ropes. It is far stronger than the Dynex 75 or by some 20% up to 43% in the smaller diameters. The rope is very firm and compact with smooth surface. Elongation is very low or about 3%.

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 are supplied according to customer's request and delivered with professional eye splices if required.

Diameter of rope in mm (rope / overall dia)	Weight pr. 100 metres (kg)	Minimum breaking strength		Maximum unspliced length (m)
		(ton)	(kN)	
11 / 13	10,6	16,6	162	5.500
13 / 15	13,7	22,1	216	4.300
15 / 17	17,8	27,6	271	2.600
16 / 19	24,5	35,3	346	2.200
18 / 21	28,7	42,2	414	1.800
20 / 23	33,6	50,4	494	1.450
21 / 25	40,8	58,3	572	1.250
23 / 27	45,9	66,2	650	1.050
25 / 29	51,2	74,4	730	940
27 / 31	56,1	81,5	800	780
29 / 33	65,1	89,0	873	680
30 / 34	70,2	96,4	946	630
32 / 36	75,5	103,8	1.018	570
33 / 37	81,2	111,8	1.097	520
35 / 39	87,5	120,8	1.185	480
37 / 42	98,0	131,5	1.290	450
39 / 44	105,2	141,0	1.384	420
41 / 46	113,2	151,7	1.488	380
43 / 48	123,0	164,6	1.615	350
45 / 50	133,1	177,8	1.744	320
47 / 52	143,5	191,1	1.874	290
49 / 54	154,4	204,7	2.008	270
51 / 56	165,6	218,3	2.142	250

DYNEX Rope Constructions

Hampidjan's DYNEX 75 ropes are made from DSM's *Dyneema*[®] 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.

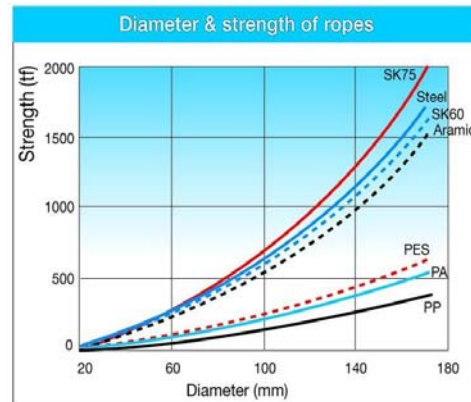
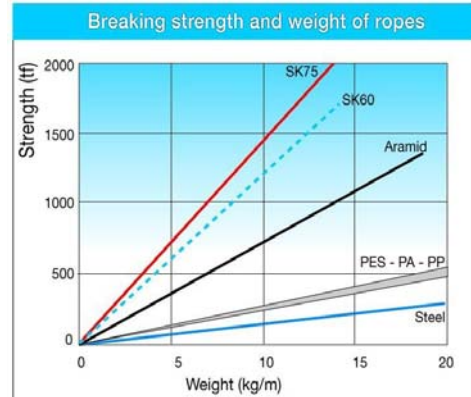
Where extra protection against abrasion is needed, the DYNEX Cable Rope is a strong candidate. The Cable Rope consists of a 12-strand rope with an extruded plastic cover.

Dyneema SK75 Fibre Properties

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

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