

DYNAMAX™

12- STRAND

This twelve strand braided rope, made from DYNEEMA™ high modulus Polyethylene fibres type SK 75, has the highest strength to weight ratio in the current range of braided ropes.

Special characteristics:

- **Light weight – floats**
- **High strength – similar, size for size, to wire rope**
- **Torque balanced 12 strand braided construction**
- **Abrasion resistant polyurethane coating**

DYNAMAX 6™

This "wire rope" laid construction offers higher strengths for the same weight than a twelve strand braid. DYNAMAX 6™ rope has six strands of high strength DYNEEMA™ fibre laid over a DYNEEMA™ core strand, in very similar fashion to a traditional wire rope. The whole rope is protected from abrasion by the addition of a braided jacket. This non load bearing jacket can be made of polyester or DYNEEMA™ yarns, depending upon the application. With a DYNEEMA™ jacket the rope is actually buoyant.

Special characteristics:

- **Light weight**
- **Very high strength – similar, size for size, to wire rope**
- **Abrasion resistant braided jacket**
- **Compact construction works well on winches**
- **No potential hand injuries due to broken wires**

Dia mm	Weight kg/100m	MBL	
		kN	Tonnes
16	15	195	19,9
18	19	250	25,5
20	23	307	31,3
22	28	370	37,7
24	33	440	44,9
26	39	520	53,0
28	45	590	60,1
30	52	675	68,8
32	59	735	74,9
36	74	900	91,7
40	92	1100	112,1
44	111	1320	134,6
48	132	1570	160,0
52	155	1830	186,5
56	180	2110	215,1
60	210	2350	239,6
64	236	2630	268,1
68	265	2940	299,7
72	296	3240	330,3
80	368	3920	399,6



Melting point	135°C
Spec. Gravity	0,97
Water absorption	0%
Reduction of MBL when wet	0%
Bending Ratio, Dynamic ISO 3730	9:1
Elongation, new rope	5%
Elongation, broken-in ropes (15-20 operations)	3%