

BRAIDED ROPES

TITAN

TITAN consists of high tenacity polyolefin fibres – POLYS in the cores of the rope strands and high tenacity PES multifilament fibres on the surface of the rope strands and meets the requirements of the standard applicable to composite ropes. Its extreme strength as well as its excellent resistance to abrasion, UV radiation and temperature lend a new use dimension to the rope. The rope is very pleasant to the feel and very good for splicing of eyes.

PARAMETERS



Material	PES high tenacity multifilament and POLYS fibres
Specific gravity	1.15 kg/dm ³
Floating	no
Melting temperature	260/165 °C
UV resistance	outstanding

Abrasion resistance	outstanding
Durability	outstanding
Water absorption	max. 0.7%
Dry and wet conditions	identical wet and dry conditions
TCLL value	79%

8 STRAND

Diameter
32 - 104 mm



Diameter mm	Circ. inch	Weight kg/100 m	BL t	BL kN
32	4	55.2	24.8	242.8
36	4 1/2	71.7	29.1	285.5
40	5	88.5	35.9	351.8
44	5 1/2	107.0	43.0	421.8
48	6	127.0	50.0	490.0
52	6 1/2	150.0	57.8	567.0
56	7	173.0	66.2	649.3
60	7 1/2	199.0	75.7	742.0
64	8	227.0	85.7	840.0
68	8 1/2	256.0	96.0	941.3
72	9	287.0	107.6	1055.3
76	9 1/2	320.0	120.0	1176.0
80	10	354.0	132.3	1296.8
88	11	428.0	158.7	1555.8
96	12	510.0	184.1	1805.0
100	12 1/2	564.0	188.2	1845.0
104	13	617.6	191.6	1878.0

Spliced Termination: -10% / BL is in accordance with ISO 2307

12 STRAND

Diameter
18 - 48 mm



Diameter mm	Circ. inch	Weight kg/100 m	BL t	BL kN
18	2 1/4	17.9	7.6	74.8
20	2 1/2	22.1	9.3	91.6
24	3	31.9	13.1	128.4
28	3 1/2	45.0	18.8	184.0
32	4	55.2	25.6	250.8
36	4 1/2	71.7	30.1	295.0
40	5	88.5	37.1	363.4
44	5 1/2	107.0	44.4	435.7
48	6	127.0	51.6	506.2

Spliced Termination: -10% / BL is in accordance with ISO 2307

APPLICATION

/ Towing lines / Offshore lines / Mooring lines / Mooring tails