

POLYAMIDE

Polyamide ropes, thanks to their properties, are able to absorb shock energy, have excellent strength and very good abrasion resistance. In comparison with polyolefin ropes, PA ropes have different properties, such as higher elongation, higher strength, better resistance to different weather conditions.

PARAMETERS

Material	PA multifilament fibres
Specific gravity	1.14 kg/dm ³
Floating	no
Melting temperature	215 °C
UV resistance	very good
Abrasion resistance	very good
Durability	good
Standard	ISO EN 1440
Water absorption	4%
Dry and wet conditions	strength declines 10% when wet
TCLL value	55%



8 STRAND - HiTen

Diameter
40 - 96 mm



Diameter mm	Circ. inch	Weight kg/100 m	BL t	BL kN
40	5	100.00	40.0	392.0
44	5 1/2	121.00	48.1	471.5
48	6	144.00	58.0	569.0
52	6 1/2	170.00	67.5	662.0
56	7	201.00	77.2	757.3
60	7 1/2	232.00	88.5	867.7
64	8	253.00	101.5	995.0
68	8 1/2	291.50	115.1	1128.0
72	9	330.00	134.7	1320.5
76	9 1/2	362.50	143.6	1407.5
80	10	395.00	158.5	1554.4
84	10 1/2	428.50	175.1	1716.3
88	11	463.50	192.1	1883.1
92	11 1/2	515.00	196.9	1930.0
96	12	570.00	204.0	2000.0

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

12 STRAND

Diameter
16 - 40 mm



Diameter mm	Circ. inch	Weight kg/100 m	BL t	BL kN
16	2	16.00	5.9	58.0
20	2 1/2	25.00	8.7	85.0
24	3	36.00	13.1	128.0
28	3 1/2	49.00	16.5	162.0
30	3 3/4	56.00	18.7	183.0
32	4	64.00	22.4	220.0
36	4 1/2	81.00	27.5	270.0
40	5	100.00	33.2	325.0

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

8 STRAND

Diameter
30 - 104 mm



Diameter mm	Circ. inch	Weight kg/100 m	BL t	BL kN
30	3 3/4	56.00	17.3	170.0
32	4	64.00	20.4	200.0
36	4 1/2	81.00	25.5	250.0
40	5	100.00	30.6	300.0
44	5 1/2	121.00	36.2	355.0
48	6	144.00	43.4	425.0
52	6 1/2	170.00	51.0	500.0
56	7	197.00	57.1	560.0
60	7 1/2	226.00	64.3	630.0
64	8	257.00	72.4	710.0
68	8 1/2	286.50	81.4	798.0
72	9	325.00	91.8	900.0
76	9 1/2	357.00	100.5	985.0
80	10	401.00	114.2	1120.0
84	10 1/2	443.50	124.4	1220.0
88	11	486.00	134.6	1320.0
92	11 1/2	523.50	147.9	1450.0
96	12	578.00	163.2	1600.0
100	12 1/2	624.50	174.4	1710.0
104	13	677.50	189.7	1860.0

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

APPLICATION

/ Towing lines / Mooring lines / Fishing lines

