



Dyneema ropes

Technical specifications



SPECIFIC GRAVITY	• 0,98
UV-RESISTANCE	• excellent
ABRASION RESISTANCE	• excellent
CHEMICAL RESISTANCE	• good
ELONGATION	• see graph
MELTING POINT	• approx. 147°C
CONSTRUCTION	• 12-strand plaited
TCLL VALUE	• 100%
COLOUR	• yellow
WATERABSORPTION	• 0%

Circ. (inches)	Diameter (mm)	Weight (kg/100m)	MBF (kN)	Weight (lbs/100 ft)	MBF (lbs)
3/4	6	2,2	35	1	7.868
1	8	4	62	3	13.938
1 1/4	10	6	97	4	21.806
1 1/2	12	9,3	137	6	30.799
1 3/4	14	10	184	7	41.365
2	16	14	244	9	54.853
2 1/4	18	18	303	12	68.117
2 1/2	20	21,5	374	14	84.079
2 3/4	22	28	450	19	101.164
3	24	33,5	533	23	119.823
3 1/4	26	37,5	612	25	137.583
3 1/2	28	43,5	701	29	157.591
3 3/4	30	51,5	789	35	177.374
4	32	59	887	40	199.406
4 1/4	34	65	991	44	222.786
4 1/2	36	71	1.076	48	241.894
4 3/4	38	80	1.191	54	267.747
5	40	88	1.314	59	295.399



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Circ. (inches)	Diameter (mm)	Weight (kg/100m)	MBF (kN)	Weight (lbs/100 ft)	MBF (lbs)
5 1/2	44	109	1.559	73	350.477
6	48	126	1.853	85	416.571
6 1/2	52	149	2.160	100	485.587
7	56	176	2.490	118	559.774
7 1/2	60	202	2.820	136	633.961
8	64	230	3.210	155	721.637
9	72	290	4.010	195	901.484
10	80	358	4.510	241	1.013.888
11	88	430	5.320	289	1.195.984
12	96	510	6.230	343	1.400.560
13	104	600	6.800	403	1.528.701
14	112	695	7.810	467	1.755.758
15	120	798	8.870	536	1.994.055
16	128	910	9.970	611	2.241.345
17	136	1.030	11.100	692	2.495.379
18	144	1.150	12.400	773	2.787.631