

DURA-PA 8/12

High Tenacity Polyamide

Structure:8/12-Strand

Made of polyamide fiber, the rope has good shock-absorption capacities and widely use in ship towing.

Features:

Specific Gravity:1.14g/cm³
 Melting Point:215 °C
 Breaking Elongation:15% ~ 28%
 Abrasion Resistance:Very Good
 Chemical Resistance:Very Good
 UV Resistance:Very Good
 Water Absorption:4%
 Wet-dry Strength Ratio:Dry > Wet

Applications:

Anchor Line
 Dock Line
 Shock Line
 Mooring Line
 Lifting Sling



Dia.		Circ.	Weight		Code	8-Strand				Code	12-Strand			
mm	inch	inch	kg/100m	lbs/100ft		Unspliced MBL		Spliced MBL			Unspliced MBL		Spliced MBL	
						ton	kN	ton	kN		ton	kN	ton	kN
12	1/2	1-1/2	9.0	6.0	6134042	3.1	30	2.8	27	6135042	3.2	32	2.9	28
16	5/8	2	16.0	10.7	6134062	5.4	53	4.9	48	6135062	5.7	56	5.1	50
20	13/16	2-1/2	25.0	16.8	6134082	8.2	80	7.3	72	6135082	8.7	85	7.8	77
24	1	3	36.0	24.1	6134102	11.4	112	10.3	101	6135102	12.0	118	10.8	106
28	1-1/8	3-1/2	49.0	32.9	6134122	15.3	150	13.8	135	6135122	16.3	160	14.7	144
30	1-1/4	3-3/4	56.0	37.6	6134132	17.3	170	15.6	153	6135132	18.4	180	16.5	162
32	1-5/16	4	64.0	42.9	6134142	20.4	200	18.4	180	6135142	21.6	212	19.5	191
36	1-1/2	4-1/2	81.0	54.3	6134162	25.5	250	23.0	225	6135162	27.0	265	24.4	239
40	1-5/8	5	100.0	67.1	6134182	30.6	300	27.6	270	6135182	32.1	315	29.0	284
44	1-3/4	5-1/2	121.0	81.2	6134202	36.2	355	32.7	320	6135202	38.3	375	34.5	338
48	2	6	144.0	96.6	6134222	43.4	425	39.1	383	6135222	45.9	450	41.3	405
52	2-1/8	6-1/2	170.0	114.0	6134242	51.0	500	45.9	450	6135242	54.1	530	48.7	477
56	2-1/4	7	197.0	132.1	6134252	57.1	560	51.4	504	6135252	61.2	600	55.1	540
60	2-1/2	7-1/2	226.0	151.6	6134262	64.3	630	57.9	567	6135262	68.4	670	61.5	603
64	2-5/8	8	257.0	172.4	6134272	72.4	710	65.2	639	6135272	76.5	750	68.9	675
72	3	9	325.0	218.0	6134292	91.8	900	82.7	810	6135292	96.9	950	87.2	855
80	3-1/4	10	401.0	269.0	6134312	114.3	1120	102.9	1008	6135312	120.4	1180	108.4	1062
88	3-5/8	11	486.0	326.0	6134332	134.7	1320	121.2	1188	6135332	142.9	1400	128.6	1260
96	4	12	578.0	387.7	6134352	163.3	1600	146.9	1440	6135352	173.5	1700	156.1	1530
104	4-1/4	13	678.0	454.8	6134372	183.7	1800	165.3	1620	6135372	193.9	1900	174.5	1710
112	4-5/8	14	787.0	527.9	6134392	216.3	2120	194.7	1908	6135392	228.6	2240	205.7	2016
120	5	15	903.0	605.7	6134412	240.8	2360	216.7	2124	6135412	255.1	2500	229.6	2250
128	5-1/4	16	1010.0	677.4	6134432	270.4	2650	243.4	2385	6135432	285.7	2800	257.1	2520
136	5-5/8	17	1160.0	778.0	6134452	306.1	3000	275.5	2700	6135452	321.4	3150	289.3	2835
144	6	18	1300.0	872.0	6134472	341.8	3350	307.7	3015	6135472	362.2	3550	326.0	3195
160	6-5/8	20	1610.0	1079.9	6134512	433.7	4250	390.3	3825	6135512	459.2	4500	413.3	4050

Bespoke diameter and length is available.
 ±5% tolerance according to ISO 2307.

The minimum break load should never be considered as a safe working load.



Lloyd's Register



ClassNK

