

DURA-PP 8/12

High Tenacity Polypropylene

Structure:8/12-Strand

Light weight mooring line, very easy to handle, keep same strength in wet or dry environment.

Features:

Specific Gravity:0.91 ~ 0.93g/cm³
 Melting Point:165 C
 Breaking Elongation:12% ~ 20%
 Abrasion Resistance:Normal
 Chemical Resistance:Very Good
 UV Resistance:Normal
 Water Absorption:0.01%
 Wet-dry Strength Ratio:Dry ≈ Wet

Applications:

Mooring Line
 Barge Working Line
 H-Bitt Working Line
 Utility Working line
 Fishery



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	6.5	4.4	6154042	2.2	21	1.9	19	6155042	2.3	22	2.1	20
16	5/8	2	11.6	7.8	6154062	3.4	34	3.1	30	6155062	3.6	36	3.3	32
20	13/16	2-1/2	18.1	12.1	6154082	5.4	53	4.9	48	6155082	5.7	56	5.1	50
24	1	3	26.0	17.4	6154102	7.7	75	6.9	68	6155102	8.2	80	7.3	72
28	1-1/8	3-1/2	35.4	23.7	6154122	10.2	100	9.2	90	6155122	10.8	106	9.7	95
30	1-1/4	3-3/4	40.7	27.3	6154132	11.4	112	10.3	101	6155132	12.0	118	10.8	106
32	1-5/16	4	46.3	31.1	6154142	13.5	132	12.1	119	6155142	14.3	140	12.9	126
36	1-1/2	4-1/2	58.6	39.3	6154162	16.3	160	14.7	144	6155162	17.3	170	15.6	153
40	1-5/8	5	72.3	48.5	6154182	20.4	200	18.4	180	6155182	21.4	210	19.3	189
44	1-3/4	5-1/2	87.5	58.7	6154202	24.1	236	21.6	212	6155202	25.5	250	23.0	225
48	2	6	104.0	69.8	6154222	28.6	280	25.7	252	6155222	30.6	300	27.6	270
52	2-1/8	6-1/2	122.0	81.8	6154242	34.2	335	30.8	302	6155242	36.2	355	32.7	320
56	2-1/4	7	142.0	95.2	6154252	38.3	375	34.5	338	6155252	40.8	400	36.7	360
60	2-1/2	7-1/2	163.0	109.3	6154262	43.4	425	39.1	383	6155262	45.9	450	41.3	405
64	2-5/8	8	185.0	124.1	6154272	48.5	475	43.7	428	6155272	51.0	500	45.9	450
72	3	9	234.0	157.0	6154292	61.2	600	55.1	540	6155292	64.3	630	57.9	567
80	3-1/4	10	289.0	193.8	6154312	76.5	750	68.9	675	6155312	81.6	800	73.5	720
88	3-5/8	11	350.0	234.8	6154332	91.8	900	82.7	810	6155332	96.9	950	87.2	855
96	4	12	417.0	279.7	6154352	108.2	1060	97.3	954	6155352	114.3	1120	102.9	1008
104	4-1/4	13	489.0	328.0	6154372	127.6	1250	114.8	1125	6155372	134.7	1320	121.2	1188
112	4-5/8	14	567.0	380.3	6154392	142.9	1400	128.6	1260	6155392	153.1	1500	137.8	1350
120	5	15	651.0	436.6	6154412	163.3	1600	146.9	1440	6155412	173.5	1700	156.1	1530
128	5-1/4	16	741.0	497.0	6154432	193.9	1900	174.5	1710	6155432	204.1	2000	183.7	1800
136	5-5/8	17	836.0	560.7	6154452	216.3	2120	194.7	1908	6155452	228.6	2240	205.7	2016
144	6	18	937.0	628.5	6154472	240.8	2360	216.7	2124	6155472	255.1	2500	229.6	2250
160	6-5/8	20	1160.0	778.0	6154512	285.7	2800	257.1	2520	6155512	306.1	3000	275.5	2700

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

