



TESTING REQUIREMENTS

Metric Units

LLOYD'S REGISTER OF SHIPPING

Imperial/Pound Units

Chain Diameter	Grade				Minimum weight per length of 27.5m	
	U2		U3			
	Proof Load	Breaking Load	Proof Load	Breaking Load	With Dee Shackle	With Lugless Shackle
mm	kg	kg	kg	kg	kg	kg
12.5	6700	9400	8400	13500	107	105
14	8400	11800	11800	16800	130	127
16	10900	15300	15300	22000	160	157
17.5	12000	18300	18300	26100	190	186
19	15300	21500	21500	30700	220	216
20.5	17800	24800	24900	35000	252	248
22	20400	28000	28000	40900	290	286
24	24200	33900	33900	48500	350	345
26	28300	39700	39700	56700	410	405
28	32700	45800	45800	65500	480	475
30	37500	52400	52400	74900	550	545
32	42500	59400	59400	84900	620	615
34	47700	66800	66800	95500	700	690
36	53300	74600	74600	107000	785	775
38	59200	82800	82800	118000	875	860
40	65300	91400	91400	131000	965	950
42	71700	100000	100000	143000	1055	1040
44	78400	110000	110000	157000	1150	1130
46	85300	119000	119000	171000	1260	1240
48	92600	130000	130000	185000	1370	1345
50	100000	140000	140000	200000	1485	1455
52	108000	151000	151000	215000	1605	1575
54	116000	162000	162000	231000	1725	1690
56	124000	174000	174000	248000	1850	1810
58	132000	185000	185000	265000	1985	1945
60	141000	198000	198000	282000	2125	2075
62	150000	210000	210000	300000	2275	2220
64	159000	223000	223000	319000	2430	2370
66	169000	236000	236000	337000	2590	2525
68	178000	250000	250000	357000	2755	2685
70	188000	263000	263000	376000	2925	2850
72	203000	285000	285000	407000	3185	3100
74	219000	307000	307000	438000	3460	3360
76	230000	322000	322000	459000	3640	3535
78	246000	345000	345000	492000	3940	3820
80	263000	368000	368000	526000	4240	4105
82	280000	393000	393000	561000	4555	4405
84	298000	417000	417000	596000	4870	4705
86	310000	434000	434000	620000	5085	4905
88	329000	460000	460000	657000	5405	5210
90	341000	477000	477000	682000	5630	5425
92	360000	504000	504000	720000	5970	5745
94	373000	522000	522000	746000	6210	5970
96	393000	550000	550000	785000	6580	6320
98	406000	568000	568000	812000	6845	6575
100	433000	606000	606000	865000	7380	7080
102	453000	635000	635000	907000	7795	7475
104	474000	664000	664000	948000	8220	7870
106	495000	694000	694000	991000	8650	8270
108	510000	714000	714000	1019000	8960	8550
110	524000	734000	734000	1048000	9275	8835
112	540000	754000	754000	1092000	9740	9270
114	568000	795000	795000	1136000	10210	9710
116	587000	815000	815000	1165000	10540	10005
118	620000	869000	869000	1240000	11320	10750
120	658000	921000	921000	1316000	12110	11500
122	697000	975000	975000	1393000	12950	12300
124	736000	1030000	1030000	1471000	13890	13200

Chain Diameter	Grade				Minimum weight per length of 15 fathoms	
	U2		U3			
	Proof Load	Breaking Load	Proof Load	Breaking Load	With Dee Shackle	With Lugless Shackle
Inches	Tons	Tons	Tons	Tons	Cwt	Cwt
1/2	6.82	9.55	9.55	13.64	2-1/8	2-1/16
9/16	8.61	12.05	12.05	17.22	2-5/8	2-9/16
5/8	10.60	14.83	14.83	21.19	3-1/8	3-3/16
11/16	12.78	17.90	17.90	25.67	3-5/8	3-9/16
3/4	15.17	21.24	21.24	30.34	4-3/8	4-5/16
13/16	17.75	24.85	24.85	35.80	5-1/8	5-1/16
7/8	20.52	28.73	28.73	41.00	5-7/8	5-3/4
15/16	23.49	32.88	32.88	46.97	6-3/4	6-5/8
1	26.65	37.30	37.30	53.30	7-8/8	7-1/2
1-1/8	33.50	46.90	46.90	67.00	9-3/4	9-5/8
1-3/16	37.25	52.10	52.10	74.45	10-7/8	10-3/4
1-1/4	41.16	57.60	57.60	82.25	12	11-7/8
1-5/16	45.20	63.30	63.30	90.40	13-1/4	13-1/16
1-3/8	53.90	75.45	75.45	107.80	15-7/8	15-11/16
1-7/16	58.90	81.30	81.30	117.00	17-1/4	17
1-9/16	63.30	88.60	88.60	126.60	18-3/4	18-1/2
1-5/8	68.25	95.50	95.50	136.45	20	19-5/8
1-3/4	74.65	103.10	103.10	157.35	23-1/8	22-3/4
1-13/16	84.10	117.38	117.38	168.15	24-7/8	24-1/2
1-7/8	89.70	125.60	125.60	179.40	26-5/8	26-1/8
2	101.40	142.00	142.00	202.85	30	29-3/8
2-1/16	107.51	150.50	150.50	215.00	31-7/8	31-1/4
2-1/8	113.75	159.25	159.25	227.50	33-3/4	33
2-3/16	120.15	168.25	168.25	240.30	35-7/8	35-1/8
2-5/16	133.45	186.80	186.80	266.85	40	39-1/8
2-3/8	140.30	196.40	196.40	280.55	42-1/4	41-1/4
2-7/16	147.30	206.20	206.20	294.55	44-1/2	43-3/8
2-1/2	154.45	216.20	216.20	308.85	47	45-7/8
2-5/8	168.15	236.80	236.80	339.30	52	50-5/8
2-11/16	176.70	247.40	247.40	353.40	54-1/2	53-1/8
2-3/4	184.40	258.20	258.20	368.85	57-1/8	55-5/8
2-7/8	200.25	280.35	280.35	400.45	62-5/8	60-7/8
3	216.80	303.20	303.20	433.15	68-3/8	66-3/8
3-1/16	224.95	314.90	314.90	449.85	71-1/4	69-1/8
3-3/16	242.05	338.85	338.85	484.06	77-3/8	75
3-5/16	259.60	363.45	363.45	519.25	83-5/8	81
3-7/16	277.70	388.75	388.75	555.35	90-1/8	87-1/8
3-9/16	296.20	414.65	414.65	592.35	96-3/4	94-1/2
3-5/8	305.60	427.65	427.65	611.25	100	98-1/2
3-3/4	324.80	454.70	454.70	649.55	106-5/8	102-3/4
3-13/16	335.25	469.33	469.33	670.50	110-7/8	106-3/4
3-15/16	354.33	496.06	496.06	708.65	115-3/4	112-1/2
4	364.35	510.15	510.15	728.75	120-5/8	116
4-1/8	384.75	538.65	538.65	769.50	126-5/8	123-1/2
4-3/16	397.00	565.77	565.77	793.95	134-3/4	129-3/8
4-3/8	426.65	597.30	597.30	853.25	145-3/8	138-3/8
4-1/2	448.10	627.35	627.35	896.20	154-1/8	147-5/8
4-5/8	469.90	657.85	657.85	938.80	163	156
4-3/4	492.00	688.80	688.80	984.00	172	164-1/2
4-15/16	501.78	702.49	702.49	1000.36	176-5/8	168-5/8
4-7/8	515.73	722.03	722.03	1031.47	182-1/8	173-1/2
5	537.18	752.06	752.06	1074.36	191-5/8	182-1/2
5-1/8	558.87	782.42	782.42	1117.74	201-3/8	191-1/2
5-3/16	573.45	802.83	802.83	1146.91	207	196-1/2
5-3/8	610.33	854.46	854.46	1220.66	222-3/8	211-1/8
5-9/16	647.75	906.85	906.85	1295.51	237-3/8	225-1/2
5-3/4	685.65	959.93	959.93	1371.34	253-7/8	241
6	724.00	1013.61	1013.61	1448.01	274-1/8	260-1/2