



STRENGTH FOR STUDLINK OFFSHORE MOORING CHAIN CABLES (kN)

Chain Diameter		Grade R3		Grade R3S		Grade R4		Number of links per 27,5 mt	Weight per 27,5 mt kg
mm	inches	Proof Load kN	Breaking Load kN	Proof Load kN	Breaking Load kN	Proof Load kN	Breaking Load kN		
50	2	1.560	2.230	1.800	2.490	2.160	2.740	139	1.550
52	2 1/16	1.681	2.402	1.939	2.682	2.327	2.952	133	1.680
54	2 1/8	1.805	2.580	2.083	2.881	2.499	3.170	127	1.820
56	2 3/16	1.933	2.764	2.231	3.086	2.677	3.396	123	1.958
58	2 5/16	2.066	2.953	2.383	3.297	2.860	3.628	119	2.100
60	2 3/8	2.201	3.147	2.540	3.514	3.048	3.867	115	2.246
62	2 7/16	2.341	3.347	2.701	3.737	3.242	4.112	111	2.384
64	2 1/2	2.484	3.551	2.867	3.965	3.440	4.364	107	2.540
66	2 5/8	2.631	3.761	3.036	4.200	3.643	4.621	105	2.700
68	2 11/16	2.782	3.976	3.209	4.440	3.851	4.885	101	2.867
70	2 3/4	2.935	4.196	3.387	4.685	4.064	5.156	99	3.035
73	2 7/8	3.172	4.535	3.660	5.064	4.392	5.572	95	3.300
76	3	3.417	4.884	3.942	5.454	4.731	6.001	91	3.580
78	3 1/16	3.584	5.123	4.135	5.720	4.962	6.295	89	3.770
81	3 3/16	3.840	5.490	4.431	6.130	5.317	6.745	85	4.065
84	3 5/16	4.104	5.866	4.735	6.550	5.682	7.208	83	4.345
87	3 7/16	4.374	6.252	5.046	6.981	6.056	7.682	79	4.660
90	3 9/16	4.650	6.647	5.365	7.422	6.439	8.167	77	4.985
92	3 5/8	4.838	6.916	5.582	7.722	6.699	8.497	75	5.210
95	3 3/4	5.125	7.326	5.913	8.180	7.096	9.001	73	5.555
97	3 13/16	5.319	7.604	6.138	8.490	7.365	9.343	71	5.790
100	3 15/16	5.616	8.028	6.480	8.964	7.776	9.864	69	6.160
102	4	5.817	8.315	6.712	9.285	8.054	10.217	67	6.405
105	4 1/8	6.123	8.753	7.065	9.773	8.478	10.754	65	6.790
107	4 3/16	6.330	9.048	7.304	10.103	8.764	11.118	63	7.050
111	4 3/8	6.750	9.650	7.789	10.775	9.347	11.856	61	7.585
114	4 1/2	7.071	10.109	8.159	11.287	9.791	12.420	59	8.000
117	4 5/8	7.397	10.574	8.535	11.807	10.242	12.993	57	8.432
120	4 3/4	7.728	11.047	8.916	12.334	10.700	13.573	57	8.865
122	4 13/16	7.950	11.365	9.173	12.690	11.008	13.964	57	9.165
124	4 7/8	8.175	11.686	9.432	13.048	11.319	14.358	55	9.465
127	5	8.515	12.171	9.824	13.591	11.789	14.955	55	9.930
130	5 1/8	8.858	12.663	10.221	14.139	12.265	15.559	53	10.405
132	5 13/16	9.089	12.993	10.488	14.508	12.585	15.965	53	10.730
137	5 3/8	9.674	13.829	11.162	15.441	13.395	16.992	51	11.560