



NOMINAL STRENGTHS OF WIRE ROPE

6 x 91 Classification/Bright (Uncoated), IWRC

Nominal Diameter				Nominal Strength*			
				Improved Plow Steel		Extra Imp. Plow Steel	
				tons	metric tonnes	tons	metric tonnes
lb/ft	kg/m						
2	52	7.39	11.0	157	142	181	164
2 1/8	54	8.35	12.4	176	160	203	184
2 1/4	57	9.36	14.0	197	179	227	206
2 3/8	60	10.4	15.5	218	198	251	228
2 1/2	64	11.6	17.3	242	220	277	251
2 5/8	67	12.8	19.0	265	240	305	277
2 3/4	70	14.0	20.8	290	263	333	302
3	77	16.6	24.7	342	310	393	357
3 1/4	83	19.5	29.0	399	362	458	415
3 1/2	90	22.7	33.8	458	415	527	478
3 3/4	96	26.0	38.7	522	474	600	544
4	103	29.6	44.1	589	534	677	614
4 1/4	109	33.3	49.6	660	599	759	689
4 1/2	115	37.4	55.7	734	666	844	766
4 3/4	122	41.7	62.1	810	787	932	846
5	128	46.2	68.7	891	808	1024	929
5 1/4	134	49.8	74.1	974	884	1120	1016
5 1/2	140	54.5	81.1	1060	962	1219	1106
5 3/4	146	59.6	88.7	1148	1041	1320	1198
6	153	65.0	96.7	1240	1125	1426	1294

*To convert to Kilonewtons (kN), multiply tons (nominal strength) by 8.896;
1 lb = 4.448 newtons (N).