

Buoyancy Factors

DENSITY (kg/m ³)	GRADIENT (kPa/m)	BUOYANCY FACTOR
1000	9.81	0.873
1020	10.00	0.869
1040	10.20	0.867
1060	10.40	0.864
1080	10.60	0.862
1100	10.80	0.859
1120	10.99	0.857
1140	11.18	0.854
1160	11.38	0.852
1180	11.58	0.849
1200	11.77	0.847
1220	11.97	0.844
1240	12.16	0.842
1260	12.36	0.839
1280	12.55	0.837
1300	12.75	0.834
1320	12.94	0.832
1340	13.14	0.829
1360	13.34	0.827
1380	13.53	0.824
1400	13.73	0.822
1420	13.93	0.819
1440	14.12	0.817
1460	14.32	0.814
1480	14.51	0.811
1500	14.71	0.809
1520	14.91	0.806
1540	15.10	0.804
1560	15.30	0.801
1580	15.50	0.799
1600	15.69	0.796
1620	15.89	0.794
1640	16.08	0.791
1660	16.28	0.789
1680	16.48	0.786
1700	16.67	0.783
1720	16.87	0.781
1740	17.06	0.778
1760	17.26	0.776
1780	17.46	0.773
1800	17.65	0.771
1820	17.85	0.768
1840	18.04	0.766
1860	18.24	0.763
1880	18.44	0.761
1900	18.63	0.758
1920	18.83	0.755
1940	19.03	0.753
1960	19.22	0.750
1980	19.42	0.748

Actual Hook Load (daN) = Pipe Mass (kg) X Buoyancy Factor