

Appendix C

UNIT CONVERSIONS

Pounds per square inch to kilopascals/megapascals and meters to feet

psi	kPa	Approx. Meters	Depth Feet
1	6.8948	0.689	2.26
2	13.7895	1.379	4.52
3	20.6843	2.068	6.77
4	27.5790	2.758	9.03
5	34.4738	3.45	11.3
6	41.3685	4.14	13.5
7	48.2633	4.83	15.8
8	55.1581	5.52	18.1
9	62.0528	6.21	20.3
10	68.9476	6.90	22.6
20	137.8951	13.79	45.2
30	206.8427	20.68	67.7
40	275.7903	27.58	90.3
50	344.7379	34.5	113
60	413.6854	41.4	135
70	482.6330	48.3	158
80	551.5806	55.2	181
90	620.5281	62.1	203
100	689.4757	69	226

psi	MPa	Approx. Meters	Depth Feet
100	0.6895	69	226
200	1.3790	138	452
300	2.0684	207	679
400	2.7579	276	905
500	3.4474	345	1131
600	4.1369	413	1357
700	4.8263	483	1584
800	5.5158	552	1810
900	6.2053	621	2036
1000	6.8948	689	2262
2000	13.7895	1379	4524
3000	20.6843	2068	6785
4000	27.5790	2758	9048
5000	34.4738	3447	11310
6000	41.3685	4137	13572
7000	48.2633	4826	15834
8000	55.1581	5516	18096
9000	62.0528	6205	20358
10000	68.9476	6895	22620

To obtain the equivalent of a psi value not given explicitly above, add the psi equivalents:

$$50 \text{ psi} = 344.7 \text{ kPa}$$

$$\underline{5 \text{ psi}} = 34.5 \text{ kPa}$$

$$55 \text{ psi} = 379.2 \text{ kPa}$$

$$1000 \text{ psi} = 6.895 \text{ MPa}$$

$$200 \text{ psi} = 1.379 \text{ MPa}$$

$$\underline{50 \text{ psi}} = 0.345 \text{ MPa}$$

$$1250 \text{ psi} = 8.619 \text{ MPa}$$