

Temperature conversions

°C	°F	°C	°F	°C	°F	°C	°F	°C	°F
-40	-40	65	149	170	338	275	527	500	932
-35	-31	70	158	175	347	280	536	525	977
-30	-22	75	167	180	356	285	545	550	1022
-25	-13	80	176	185	365	290	554	575	1067
-20	-4	85	185	190	374	295	563	600	1112
-15	5	90	194	195	383	300	572	625	1157
-10	14	95	203	200	392	305	581	650	1202
-5	23	100	212	205	401	310	590	675	1247
0	32	105	221	210	410	315	599	700	1292
5	41	110	230	215	419	320	608	725	1337
10	50	115	239	220	428	325	617	750	1382
15	59	120	248	225	437	330	626	775	1427
20	68	125	257	230	446	335	635	800	1472
25	77	130	266	235	455	340	644	825	1517
30	86	135	275	240	464	345	653	850	1562
35	95	140	284	245	473	350	662	875	1607
40	104	145	293	250	482	375	707	900	1652
45	113	150	302	255	491	400	752	925	1697
50	122	155	311	260	500	425	797	950	1742
55	131	160	320	265	509	450	842	975	1787
60	140	165	329	270	518	475	887	1000	1832

Length

µm	inches
100	.004"
150	.006"

mm	inches
0.050	.002"
0.064	.0025"
0.075	.003"
0.100	.004"
0.13	.005"
0.15	.006"
0.18	.007"
0.20	.008"
0.25	.010"
0.38	.015"
0.40	.016"
0.50	.020"
0.75	.030"
1.00	.039"
1.50	.059"
2.00	.079"
3.00	.118"
4.00	.157"
4.60	.181"
6.00	.236"
6.35	.250"
6.40	.252"
7.00	.276"
10.00	.394"
12.70	.500"

inches	mm
1/32"	0.79
1/16"	1.59
3/32"	2.38
1/8"	3.18
1/4"	6.35
5/16"	7.94
3/8"	9.50
1/2"	12.70
1"	25.40

feet	mm
1 ft	304.8

Pressure conversions

bar	psi	kPa	MPa	bar	psi	kPa	MPa	bar	psi	kPa	MPa
0.1	1.5	10	0.01	6	87.0	600	0.6	100	1,450	10,000	10
0.2	2.9	20	0.02	7	101.5	700	0.7	200	2,900	20,000	20
0.3	4.4	30	0.03	8	116.0	800	0.8	300	4,350	30,000	30
0.4	5.8	40	0.04	9	130.5	900	0.9	400	5,800	40,000	40
0.5	7.3	50	0.05	10	145	1,000	1	500	7,250	50,000	50
0.6	8.7	60	0.06	20	290	2,000	2	600	8,700	60,000	60
0.7	10.2	70	0.07	30	435	3,000	3	700	10,150	70,000	70
0.8	11.6	80	0.08	40	580	4,000	4	800	11,600	80,000	80
0.9	13.1	90	0.09	50	725	5,000	5	900	13,050	90,000	90
1	14.5	100	0.1	60	870	6,000	6	1,000	14,500	100,000	100
2	29.0	200	0.2	70	1,015	7,000	7	1,100	15,950	110,000	110
3	43.5	300	0.3	80	1,160	8,000	8	1,200	17,400	120,000	120
4	58.0	400	0.4	90	1,305	9,000	9	1,300	18,850	130,000	130
5	72.5	500	0.5								