

Tables

Saturation Pressure for Water

$t/^{\circ}\text{C}$	Water/kPa
-30	0.0381
-20	0.103
-15	0.165
-10	0.260
-5	0.401
0	0.610
5	0.872
10	1.23
15	1.70
20	2.34
25	3.17
30	4.24
35	5.64
40	7.37
50	12.3
60	19.9
70	31.2
80	47.3
90	70.1
100	101.3
110	143.2
120	198.4
130	270.0

Length expansion coefficient at 20 °C and normal air pressure.

Substance	$\alpha/(10^{-6}\text{K}^{-1})$	Substance	$\alpha/(10^{-6}\text{K}^{-1})$
Aluminum	23	Glass (typical)	6.0
Silver	19	Tungsten	4.3
Brass (Cu + Zn)	19	Marble (typical)	2.5
Copper	17	Invar (Fe + Ni)	2.0
Iron	12	Graphite	2.0
Steel	11	Diamond	1.2
Platinum	9.0	Quartz	0.4