



VULCAN COMPRESSION

TEMPERATURE & PRESSURE CONVERSION CHART

TEMPERATURE CONVERSION				PRESSURE CONVERSION				LENGTH CONVERSION			
°C	°F	°C	°F	KPA	PSI	KPA	PSI	MM	INCH	MM	INCH
-40	-40	85	185	10	1.5	3000	435.1	0.1	0.004	2.6	0.102
-35	-31	90	194	25	3.6	3250	471.4	0.2	0.008	2.7	0.106
-30	-22	95	203	50	7.3	3500	507.6	0.3	0.012	2.8	0.110
-25	-13	100	212	75	10.9	3750	543.9	0.4	0.016	2.9	0.114
-20	-4	105	221	100	14.5	4000	580.1	0.5	0.020	3.0	0.118
-15	5	110	230	150	21.8	4250	616.4	0.6	0.024	3.5	0.138
-10	14	115	239	200	29.0	4500	652.6	0.7	0.028	4.0	0.157
-5	23	120	248	250	36.3	4750	688.9	0.8	0.031	4.5	0.177
0	32	125	257	300	43.5	5000	725.2	0.9	0.035	5.0	0.197
5	41	130	266	350	50.8	5250	761.4	1.0	0.039	5.5	0.217
10	50	135	275	400	58.0	5500	797.7	1.1	0.043	6.0	0.236
15	59	140	284	450	65.3	5750	833.9	1.2	0.047	6.5	0.256
20	68	145	293	500	72.5	6000	870.2	1.3	0.051	7.0	0.276
25	77	150	302	600	87.0	6250	906.5	1.4	0.055	7.5	0.295
30	86	155	311	700	101.5	6500	942.7	1.5	0.059	8.0	0.315
35	95	160	320	800	116.0	6750	979.0	1.6	0.063	8.5	0.335
40	104	165	329	900	130.5	7000	1015.2	1.7	0.067	9.0	0.354
45	113	170	338	1000	145.0	7250	1051.5	1.8	0.071	9.5	0.374
50	122	175	347	1250	181.3	7500	1087.7	1.9	0.075	10.0	0.394
55	131	180	356	1500	217.5	7750	1124.0	2.0	0.079	50.0	1.969
60	140	185	365	1750	253.8	8000	1160.3	2.1	0.083	100.0	3.937
65	149	190	374	2000	290.1	8500	1232.8	2.2	0.087	200.0	7.874
70	158	195	383	2250	326.3	9000	1305.3	2.3	0.091	300.0	11.811
75	167	200	392	2500	362.6	10000	1450.3	2.4	0.094	400.0	15.748
80	176	250	482	2750	398.8	12000	1740.4	2.5	0.098	500.0	19.685

VALVE PLATE MATERIAL MAX TEMP

RF	MT	PK
250 °F	340 °F	475 °F
121 °C	171 °C	246 °C