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ERRATUM

Page 3, Change the first full sentence and the example at the top of the page to read as follows:

From the compressibility table, the F factor is 0.649 divided by 1,000,000 or 0.000000649. Then,

$$\begin{aligned} V_e &= 1000/1 (1 - 0.000000649 * 3450) \\ &= 1002.2 \text{ cubic metres.} \end{aligned}$$

**Manual of Petroleum
Measurement Standards
Chapter 11.2.1M—Compressibility Factors
for Hydrocarbons:
638–1074 Kilograms per
Cubic Metre Range**

FIRST EDITION, AUGUST 1984

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005



**Manual of Petroleum
Measurement Standards
Chapter 11.2.1M—Compressibility Factors
for Hydrocarbons:
638–1074 Kilograms per
Cubic Metre Range**

Measurement Coordination Department

FIRST EDITION, AUGUST 1984

American
Petroleum
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FOREWORD

This publication provides tables to correct hydrocarbon volumes metered under pressure to corresponding volumes at the equilibrium pressure for the metered temperature. The parallel publication in customary units is MPMS 11.2.1.

The table presented in this volume is also available from API as a magnetic tape, along with a manual containing the text information in this publication.

Suggested revisions are invited and should be submitted to the director, Measurement Coordination Department, American Petroleum Institute, 1220 L Street, N.W., Washington, D.C. 20005.

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11.2.1M Compressibility Factors for Hydrocarbons: 638–1074 Kilograms per Cubic Metre Range

11.2.1.1M SCOPE

The purpose of this standard is to correct hydrocarbon volumes metered under pressure to the corresponding volumes at the equilibrium pressure for the metered temperature. This standard contains compressibility factors related to meter temperature and density (15°C) of metered material. The corresponding version in customary units is Chapter 11.2.1.

11.2.1.2M HISTORY AND DEVELOPMENT

The previous compressibility standard (API Standard 1101, Appendix B, Table II) for hydrocarbons in the 0–90°API gravity range was developed in 1945 by Jacobson, et al [1]. It is based on limited data obtained mostly on pure compounds and lubricating oil type materials. Also, Standard 1101 was developed without the aid of a mathematical model.

In 1981, a working group of the Committee on Static Petroleum Measurement was set up to revise the compressibility tables of Standard 1101. This group performed an extensive literature search and found only three sources of compressibility information. The resulting data base is broader than that used in the previous standard. Unfortunately, it is not large enough to cover the range of current commercial operations. When new data are available, they will be incorporated into an expanded standard. This standard now replaces the discontinued Standard 1101, Appendix B, Table II, 0–100°API gravity portion.

11.2.1.3M DATA BASE AND LIMITS OF THE STANDARD

The actual standard is the printed table that follows this text. The mathematical model and computer steps used to generate this standard should not be considered the standard. They can be used to develop computer subroutines for various languages and machines to duplicate the results in the printed table. Also, a computer tape is available through API, which contains the same

information as the printed table. The tape can be used in the development of various computer subroutines.

The data base (see Table 1) for this standard was obtained from Jessup [2], Downer and Gardiner [3], and Downer [4]. It consists of seven crude oils, five gasolines, and seven middle distillate-gas oils. The lubricating oil data from these sources were not included. Modeling results showed that lubricating oils are a different population than crude oils and other refined products. Their inclusion increases the compressibility correlation uncertainty by a factor of two. Also, lubricating oils are not normally metered under pressure and do not require the use of this standard.

The limits of the experimental data are 681 to 934 kilograms per cubic metre, 0 to 150°C, and 0 to 4902 kilopascals. As a result of a Committee on Static Petroleum Measurement (COSM) and Committee on Petroleum Measurement (COPM) survey, the actual limits of the standard are broader: 638 to 1074 kilograms per cubic metre, –30 to 90°C, and 0 to 10300 kilopascals. Hence, certain portions of the standard represent extrapolated results (Figure 1). In these extrapolated portions, the uncertainty analysis discussed in 11.2.1.5M may not be valid.

The increments of this standard are 0.25°C and 2 kilograms per cubic metre. Interpolation to smaller increments is not recommended.

11.2.1.4M EXAMPLE USE OF THE STANDARD

In this standard, the compressibility factor (F) is used in the normal manner for volume correction (* denotes multiplication):

$$V_e = V_m / [1 - F * (P_m - P_e)]$$

Where:

V_e = volume at equilibrium (bubble point) pressure, P_e .

V_m = volume at the meter pressure, P_m .

As an example, calculate the volume of 1000 cubic metres (V_m) of a 933.6 kilograms per cubic metre (15°C) fuel oil metered under a pressure of 3450 kilopascals (P_m) and 37.85°C. Assume a P_e value of 0 kilopascals. First, the density and temperature are rounded to the nearest 2 kilograms per cubic metre and 0.25°C, in this

Table 1—Data Base and Experimental Conditions for Chapter 11.2.1M

Sample Name and Origin	Density kg/m ³ at 15°C	Temperature °C	Pressure kPa	Number of Data Points	Reference
Crude Oils					
ADMEG (Zakum) export	825.2	4.44–76.67	0–3503	5	3
Barrow Island	839.5	4.44–76.67	0–3503	5	3
Libyan (Tobruk) export	842.5	37.78–76.67	0–3503	3	3
Iranian Light export	856.4	4.44–76.67	0–3503	5	3
Kuwait export	870.4	4.44–76.67	0–3503	5	3
Iranian Heavy export	872.7	4.44–76.67	0–3503	5	3
Alaskan (North Slope)	890.9	15.56–76.67	0–3503	4	3
Gasolines					
Light catalytic cracked	680.9	4.44–37.78	0–3399	3	4
Straight run	734.4	4.44–60.0	0–3399	4	4
Cracked	768.0	0.0–65.0	0–4902	5	2
Fighting aviation	697.0	0.0–70.0	0–4902	5	2
Fighting aviation	695.0	0.0–70.0	0–4902	5	2
Kerosine and Light Fuel Oil					
Kerosine (odorless)	789.7	4.44–76.67	0–3399	5	4
DERV	847.6	4.44–76.67	0–3399	5	4
Gas Oils and Heavy Fuels Oils					
Gas oil	833.6	4.44–76.67	0–3399	5	4
Commercial fuel oil	934.1	37.78–60.0	0–3399	2	4
Los Angeles basin gas oil	873.4	0.0–150.0	0–4902	3	2
Oklahoma gas oil	880.7	0.0–150.0	0–4902	3	2
Midcontinent gas oil	883.0	0.0–150.0	0–4902	3	2

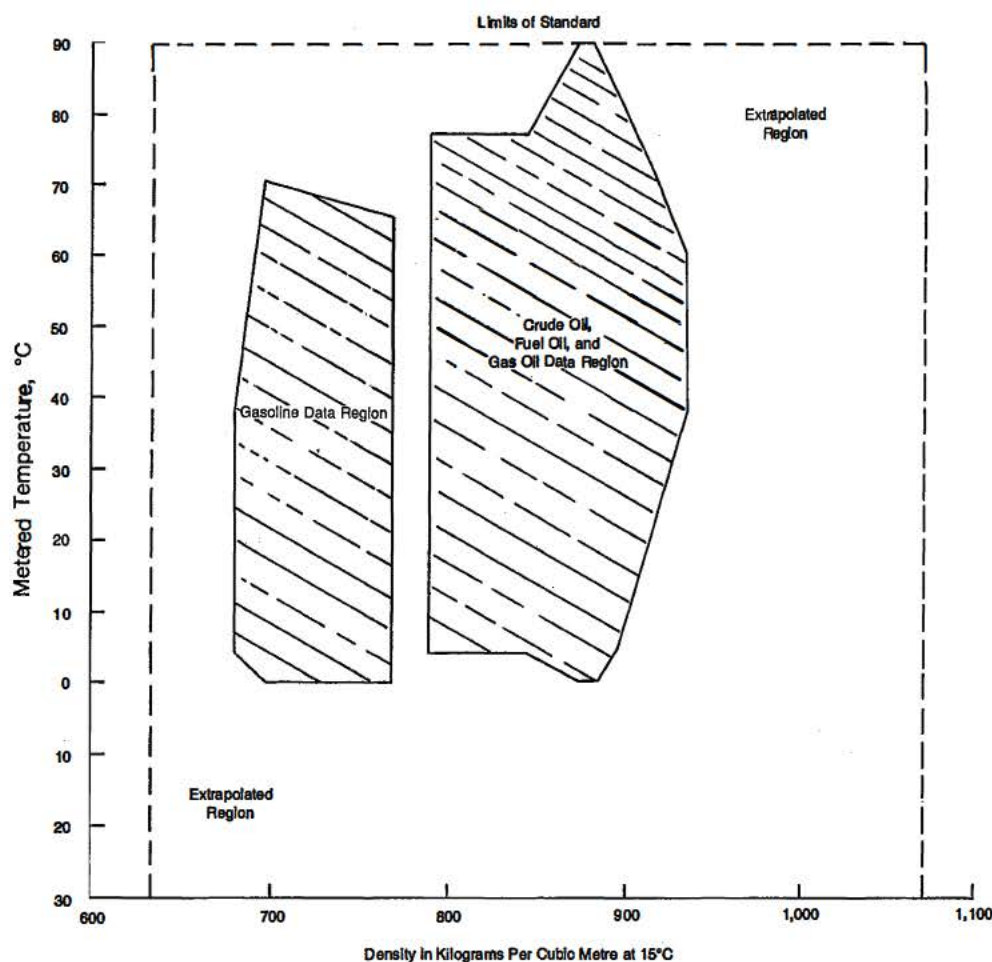


Figure 1—Comparison of Data Base and Extrapolated Regions for Chapter 11.2.1M

case 934 kilograms per cubic metre and 37.75°C. From the compressibility table, the F factor is 0.643 divided by 1,000,000 or 0.000000643. Then,

$$V_e = 1000(1 - 0.000000643 \times 3450) = 1002.2 \text{ cubic metres}$$

For additional examples and more details, see *Manual of Petroleum Measurement Standards*, Chapter 12.2.

11.2.1.5M MATHEMATICAL MODEL FOR THE STANDARD

11.2.1.5.1M Basic Model and Uncertainty Analysis

The basic mathematical model, used to develop this standard, relates the compressibility factor exponentially (EXP) to temperature and the square of molecular volume. That is,

$$F = \text{EXP} (A + B \cdot T + C/\text{RHO}^2 + D \cdot T/\text{RHO}^2)$$

Where:

A , B , C , and D = constants.

T = temperature, in °C.

RHO = density, in grams per cubic centimetre at 15°C. $1/\text{RHO}$ is proportional to molecular volume.

Hence, compressibility is the result of the interaction of two molecular volumes and temperature. The above equation is consistent with the development of API Standard 2540 (*Manual of Petroleum Measurement Standards*, Chapter 11.1) for the thermal expansion of hydrocarbons. The use of higher powers of T and RHO does not yield further significant minimization of compressibility factor uncertainty.

Using the above equation and data base, maximum compressibility factor uncertainty is ± 6.5 percent at the 95 percent confidence level. Hence at worst, one should expect that the real compressibility factor for a given material could be either 6.5 percent higher or 6.5 percent lower than the value in the standard. This statement is only true within the limits of the data base. It may not be true for the extrapolated portions of the standard.

To assess the possible uncertainty in the calculated volume at equilibrium pressure using the above data base and equation, two approaches were taken. First, it was assumed that only the correlation uncertainty in mean compressibility of ± 6.5 percent was significant. With this approach, volumetric uncertainty should be in the range of 0.02 to 0.10 percent, depending on operating conditions (Table 2, Basis A). These uncertainties are in agreement with the maximum uncertainty of 0.10 percent recommended by a COSM and COPM survey.

The first volumetric uncertainty analysis assumes that mean compressibility is not a function of pressure. For low pressures, this assumption is adequate. For higher pressures, mean compressibility will decrease with increasing pressure. At what pressure this effect becomes significant for the materials of this standard is not definitely known. However, analysis of the Jessup [2] data indicates that mean compressibility could possibly decrease by about 0.00073 percent per kilopascal with increasing pressure. Incorporating both the compressibility correlation uncertainty and the potential pressure uncertainty yields volumetric uncertainties in the range of 0.03 to 0.21 percent (Table 2, Basis A + B). Hence, the use of this standard with operating pressures greater than the experimental limit of 4902 kilopascals could double the uncertainty in calculated volume over the uncertainty based on available data.

Table 2 Volumetric Uncertainty Analysis for Chapter 11.2.1M

Mean Compressibility kPa ⁻¹	Percent Uncertainty in Volume for Various Pressures, kPa					
	Correlation Uncertainty Only Basis A			Correlation + Pressure Uncertainty Basis A + B		
	3447	6895	10342	3447	6895	10342
1.45×10^{-6} (Note 1)	0.03	0.07	0.10	0.05	0.12	0.21
0.87×10^{-6} (Note 2)	0.02	0.04	0.06	0.03	0.08	0.13

BASIS: A. 6.5 percent correlation uncertainty in mean compressibility prediction.

B. 0.00073 percent/kPa uncertainty in mean compressibility due to effect of pressure [2].

NOTES:

1. Typical compressibility value for 720 kg/m³ (15°C) gasoline at 38°C or 800 kg/m³ fuel oil at 93°C.
2. Typical compressibility value for 738 kg/m³ gasoline at -7°C or 850 kg/m³ crude oil at 38°C.



Documents

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11.2.1.5.2M Calculation Procedure

This procedure is recommended for computers with 6 to 7 floating point digits of precision or greater.

Step 1: Initialize temperature in °C.

$T = XX.XX$: $-30.00 \leq T \leq 90.00$, rounded to nearest 0.25°C. by

$TT = \text{INT}(T)$: i.e., truncation

$\text{DIFF} = T - TT$.

If $\text{DIFF} \geq 0$ then $\text{SIGN} = 1.0$ else $\text{SIGN} = -1.0$.

$\text{DIFF} = \text{ABS}(\text{DIFF})$: i.e., absolute value.

If $\text{DIFF} < 0.125$ then $T = TT$.

If $0.125 \leq \text{DIFF} < 0.375$ then $T = TT + 0.25 * \text{SIGN}$

If $0.375 \leq \text{DIFF} < 0.625$ then $T = TT + 0.50 * \text{SIGN}$

If $0.625 \leq \text{DIFF} < 0.875$ then $T = TT + 0.75 * \text{SIGN}$

If $\text{DIFF} \geq 0.875$ then $T = TT + 1.00 * \text{SIGN}$

Step 2: Initialize the density in kilograms per cubic metre.

$\text{RHO} = \text{XXXX}$: $638 \leq \text{RHO} \leq 1074$, rounded to the nearest 2 by

$\text{RHOH} = \text{INT}(\text{RHO}/2.0)$.

$\text{DIFF} = \text{RHO} - 2 * \text{RHOH}$.

If $\text{DIFF} \geq 1.0$ then $\text{RHO} = 2 + 2 * \text{RHOH}$.

Else $\text{RHO} = 2 * \text{RHOH}$.

Step 3: Calculate the density in grams per cubic centimetre and the square of density.

$\text{RHO} = \text{RHO} * 0.001$.

$\text{RHOSQR} = \text{RHO} * \text{RHO} = \text{X.XXXXXX}$, rounded to the nearest 0.00001 by

$\text{RHOSQR} = \text{INT}(\text{RHOSQR} * 100000.0 + 0.5) * 0.00001$.

Step 4: Calculate the compressibility factor.

$F = \text{EXP}(-1.62080 + 0.00021592 * T + 0.87096 / \text{RHOSQR} + 0.0042092 * T / \text{RHOSQR})$

by rounding each term to the nearest 0.00001 as follows:

If $T < 0$ then $\text{SIGN} = -1.0$ else $\text{SIGN} = 1.0$.

$\text{TERM1} = -1.62080$.

$\text{TERM2} = \text{INT}(21.592 * T + 0.5 * \text{SIGN}) * 0.00001$.

$\text{TERM3} = \text{INT}(87096.0 / \text{RHOSQR} + 0.5) * 0.00001$.

$\text{TERM4} = \text{INT}(420.92 * T / \text{RHOSQR} + 0.5 * \text{SIGN}) * 0.00001$

$F = \text{EXP}(\text{TERM1} + \text{TERM2} + \text{TERM3} + \text{TERM4}) = \text{X.XXXXX}$.

Then round F to the nearest 0.001 by

$F = \text{INT}(F * 1000.0 + 0.5) * 0.001$.

F is now the table value.

The INT intrinsic function returns an integer by truncating all digits to the right of the decimal point. The exponential intrinsic EXP must return a result accurate to the nearest 0.0001.

11.2.1.6M REFERENCES

1. Jacobson, E. W., Ambrosius, E. E., Dashiell, J. W., and Crawford, C. L., "Second Progress Report on Study of Existing Data on Compressibility of Liquid Hydrocarbons," Report of the Central Committee on Pipe-Line Transportation, Vol. 2 (IV), p. 39-45, American Petroleum Institute, Washington, D.C., 1945.
2. Jessup, R. S., "Compressibility and Thermal Expansion of Petroleum Oils in the Range 0° to 300°C," *Bureau of Standards Journal of Research*, Vol. 5, July to December 1930, p. 985-1039, National Bureau of Standards, Washington, D.C.
3. Downer, L., and Gardiner, K. E. S., "Bulk Oil Measurement Compressibility Measurements on Crude Oils Deviations from API Standard 1101," BP Research Centre Report No. 20 587/M (8 pages), October 28, 1970.
4. Downer, L., "Bulk Oil Measurement Compressibility Data on Crude Oils and Petroleum Products Viewed as a Basis for Revised International Tables (API Standard 1101 Tables)," BP Research Centre Report No. 20 639 (21 pages), January 17, 1972.

**CHAPTER 11.2.1(M) OF THE API MANUAL OF
PETROLEUM MEASUREMENT STANDARDS**

COMPRESSIBILITY FACTORS FOR HYDROCARBONS

IN THE 638-1074 KILOGRAMS PER CUBIC METRE

RANGE RELATED TO DENSITY(15 DEG C) AND

METERING TEMPERATURE(DEGREES CELSIUS)

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE															
	638	640	642	644	646	648	650	652	654	656	658	660	662	664	666	668
-30.00	1.224	1.210	1.197	1.183	1.170	1.157	1.145	1.133	1.121	1.109	1.097	1.086	1.075	1.064	1.053	1.042
-29.75	1.227	1.213	1.200	1.186	1.173	1.160	1.148	1.135	1.123	1.111	1.100	1.088	1.077	1.066	1.056	1.045
-29.50	1.231	1.217	1.203	1.189	1.176	1.163	1.151	1.138	1.126	1.114	1.103	1.091	1.080	1.069	1.058	1.048
-29.25	1.234	1.220	1.206	1.192	1.179	1.166	1.154	1.141	1.129	1.117	1.105	1.094	1.083	1.071	1.061	1.050
-29.00	1.237	1.223	1.209	1.196	1.182	1.169	1.157	1.144	1.132	1.120	1.108	1.097	1.085	1.074	1.063	1.053
-28.75	1.240	1.226	1.212	1.199	1.185	1.172	1.160	1.147	1.135	1.123	1.111	1.099	1.088	1.077	1.066	1.055
-28.50	1.244	1.229	1.215	1.202	1.188	1.175	1.162	1.150	1.138	1.125	1.114	1.102	1.091	1.079	1.068	1.058
-28.25	1.247	1.233	1.219	1.205	1.191	1.178	1.165	1.153	1.140	1.128	1.116	1.105	1.093	1.082	1.071	1.060
-28.00	1.250	1.236	1.222	1.208	1.195	1.181	1.168	1.156	1.143	1.131	1.119	1.107	1.096	1.085	1.074	1.063
-27.75	1.254	1.239	1.225	1.211	1.198	1.184	1.171	1.159	1.146	1.134	1.122	1.110	1.099	1.087	1.076	1.065
-27.50	1.257	1.242	1.228	1.214	1.201	1.187	1.174	1.162	1.149	1.137	1.125	1.113	1.101	1.090	1.079	1.068
-27.25	1.260	1.246	1.231	1.217	1.204	1.190	1.177	1.165	1.152	1.140	1.128	1.116	1.104	1.093	1.081	1.071
-27.00	1.264	1.249	1.235	1.221	1.207	1.194	1.180	1.167	1.155	1.142	1.130	1.118	1.107	1.095	1.084	1.073
-26.75	1.267	1.252	1.238	1.224	1.210	1.197	1.183	1.170	1.158	1.145	1.133	1.121	1.109	1.098	1.087	1.076
-26.50	1.270	1.255	1.241	1.227	1.213	1.200	1.186	1.173	1.161	1.148	1.136	1.124	1.112	1.101	1.089	1.078
-26.25	1.274	1.259	1.244	1.230	1.216	1.203	1.189	1.176	1.164	1.151	1.139	1.127	1.115	1.103	1.092	1.081
-26.00	1.277	1.262	1.248	1.233	1.219	1.206	1.192	1.179	1.167	1.154	1.142	1.130	1.118	1.106	1.095	1.083
-25.75	1.280	1.265	1.251	1.237	1.223	1.209	1.195	1.182	1.169	1.157	1.144	1.132	1.120	1.109	1.097	1.086
-25.50	1.284	1.269	1.254	1.240	1.226	1.212	1.199	1.185	1.172	1.160	1.147	1.135	1.123	1.111	1.100	1.089
-25.25	1.287	1.272	1.257	1.243	1.229	1.215	1.202	1.188	1.175	1.163	1.150	1.138	1.126	1.114	1.103	1.091
-25.00	1.290	1.275	1.261	1.246	1.232	1.218	1.205	1.191	1.178	1.166	1.153	1.141	1.129	1.117	1.105	1.094
-24.75	1.294	1.279	1.264	1.249	1.235	1.221	1.208	1.194	1.181	1.168	1.156	1.144	1.131	1.120	1.108	1.097
-24.50	1.297	1.282	1.267	1.253	1.238	1.224	1.211	1.197	1.184	1.171	1.159	1.146	1.134	1.122	1.111	1.099
-24.25	1.301	1.285	1.271	1.256	1.242	1.228	1.214	1.200	1.187	1.174	1.162	1.149	1.137	1.125	1.113	1.102
-24.00	1.304	1.289	1.274	1.259	1.245	1.231	1.217	1.203	1.190	1.177	1.165	1.152	1.140	1.128	1.116	1.105
-23.75	1.308	1.292	1.277	1.262	1.248	1.234	1.220	1.207	1.193	1.180	1.167	1.155	1.143	1.131	1.119	1.107
-23.50	1.311	1.296	1.281	1.266	1.251	1.237	1.223	1.210	1.196	1.183	1.170	1.158	1.145	1.133	1.122	1.110
-23.25	1.315	1.299	1.284	1.269	1.254	1.240	1.226	1.213	1.199	1.186	1.173	1.161	1.148	1.136	1.124	1.113
-23.00	1.318	1.302	1.287	1.272	1.258	1.243	1.229	1.216	1.202	1.189	1.176	1.163	1.151	1.139	1.127	1.115
-22.75	1.322	1.306	1.291	1.276	1.261	1.247	1.233	1.219	1.205	1.192	1.179	1.166	1.154	1.142	1.130	1.118
-22.50	1.325	1.309	1.294	1.279	1.264	1.250	1.236	1.222	1.208	1.195	1.182	1.169	1.157	1.144	1.132	1.121
-22.25	1.328	1.313	1.297	1.282	1.267	1.253	1.239	1.225	1.211	1.198	1.185	1.172	1.160	1.147	1.135	1.123
-22.00	1.332	1.316	1.301	1.286	1.271	1.256	1.242	1.228	1.214	1.201	1.188	1.175	1.162	1.150	1.138	1.126
-21.75	1.336	1.320	1.304	1.289	1.274	1.259	1.245	1.231	1.217	1.204	1.191	1.178	1.165	1.153	1.141	1.129
-21.50	1.339	1.323	1.308	1.292	1.277	1.263	1.248	1.234	1.221	1.207	1.194	1.181	1.168	1.156	1.144	1.132
-21.25	1.343	1.327	1.311	1.296	1.281	1.266	1.251	1.237	1.224	1.210	1.197	1.184	1.171	1.159	1.146	1.134
-21.00	1.346	1.330	1.314	1.299	1.284	1.269	1.255	1.241	1.227	1.213	1.200	1.187	1.174	1.161	1.149	1.137
-20.75	1.350	1.334	1.318	1.302	1.287	1.272	1.258	1.244	1.230	1.216	1.203	1.190	1.177	1.164	1.152	1.140
-20.50	1.353	1.337	1.321	1.306	1.291	1.276	1.261	1.247	1.233	1.219	1.206	1.193	1.180	1.167	1.155	1.143
-20.25	1.357	1.341	1.325	1.309	1.294	1.279	1.264	1.250	1.236	1.222	1.209	1.196	1.183	1.170	1.157	1.145

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000
DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE

TEMP DEG C	638	640	642	644	646	648	650	652	654	656	658	660	662	664	666	668
-20.00	1.360	1.344	1.328	1.312	1.297	1.282	1.268	1.253	1.239	1.225	1.212	1.198	1.186	1.173	1.160	1.148
-19.75	1.364	1.348	1.332	1.316	1.301	1.286	1.271	1.256	1.242	1.228	1.215	1.201	1.188	1.176	1.163	1.151
-19.50	1.368	1.351	1.335	1.319	1.304	1.289	1.274	1.260	1.245	1.231	1.218	1.204	1.191	1.178	1.166	1.154
-19.25	1.371	1.355	1.339	1.323	1.307	1.292	1.277	1.263	1.248	1.234	1.221	1.207	1.194	1.181	1.169	1.156
-19.00	1.375	1.358	1.342	1.326	1.311	1.295	1.280	1.266	1.252	1.238	1.224	1.210	1.197	1.184	1.172	1.159
-18.75	1.379	1.362	1.346	1.330	1.314	1.299	1.284	1.269	1.255	1.241	1.227	1.213	1.200	1.187	1.174	1.162
-18.50	1.382	1.365	1.349	1.333	1.317	1.302	1.287	1.272	1.258	1.244	1.230	1.216	1.203	1.190	1.177	1.165
-18.25	1.386	1.369	1.353	1.336	1.321	1.305	1.290	1.276	1.261	1.247	1.233	1.219	1.206	1.193	1.180	1.168
-18.00	1.389	1.373	1.356	1.340	1.324	1.309	1.294	1.279	1.264	1.250	1.236	1.222	1.209	1.196	1.183	1.170
-17.75	1.393	1.376	1.360	1.343	1.328	1.312	1.297	1.282	1.267	1.253	1.239	1.225	1.212	1.199	1.186	1.173
-17.50	1.397	1.380	1.363	1.347	1.331	1.315	1.300	1.285	1.271	1.256	1.242	1.228	1.215	1.202	1.189	1.176
-17.25	1.401	1.383	1.367	1.350	1.334	1.319	1.304	1.289	1.274	1.259	1.245	1.232	1.218	1.205	1.192	1.179
-17.00	1.404	1.387	1.370	1.354	1.338	1.322	1.307	1.292	1.277	1.263	1.248	1.235	1.221	1.208	1.195	1.182
-16.75	1.408	1.391	1.374	1.357	1.341	1.326	1.310	1.295	1.280	1.266	1.252	1.238	1.224	1.211	1.197	1.185
-16.50	1.412	1.394	1.378	1.361	1.345	1.329	1.314	1.298	1.283	1.269	1.255	1.241	1.227	1.214	1.200	1.188
-16.25	1.415	1.398	1.381	1.364	1.348	1.332	1.317	1.302	1.287	1.272	1.258	1.244	1.230	1.216	1.203	1.190
-16.00	1.419	1.402	1.385	1.368	1.352	1.336	1.320	1.305	1.290	1.275	1.261	1.247	1.233	1.219	1.206	1.193
-15.75	1.423	1.405	1.388	1.372	1.355	1.339	1.324	1.308	1.293	1.278	1.264	1.250	1.236	1.222	1.209	1.196
-15.50	1.427	1.409	1.392	1.375	1.359	1.343	1.327	1.312	1.296	1.282	1.267	1.253	1.239	1.225	1.212	1.199
-15.25	1.430	1.413	1.396	1.379	1.362	1.346	1.330	1.315	1.300	1.285	1.270	1.256	1.242	1.228	1.215	1.202
-15.00	1.434	1.416	1.399	1.382	1.366	1.350	1.334	1.318	1.303	1.288	1.274	1.259	1.245	1.231	1.218	1.205
-14.75	1.438	1.420	1.403	1.386	1.369	1.353	1.337	1.322	1.306	1.291	1.277	1.262	1.248	1.234	1.221	1.208
-14.50	1.442	1.424	1.407	1.389	1.373	1.357	1.341	1.325	1.310	1.295	1.280	1.265	1.251	1.237	1.224	1.211
-14.25	1.446	1.428	1.410	1.393	1.376	1.360	1.344	1.328	1.313	1.298	1.283	1.269	1.254	1.240	1.227	1.214
-14.00	1.449	1.431	1.414	1.397	1.380	1.363	1.347	1.332	1.316	1.301	1.286	1.272	1.257	1.244	1.230	1.217
-13.75	1.453	1.435	1.418	1.400	1.383	1.367	1.351	1.335	1.319	1.304	1.289	1.275	1.261	1.247	1.233	1.219
-13.50	1.457	1.439	1.421	1.404	1.387	1.370	1.354	1.338	1.323	1.308	1.293	1.278	1.264	1.250	1.236	1.222
-13.25	1.461	1.443	1.425	1.408	1.391	1.374	1.358	1.342	1.326	1.311	1.296	1.281	1.267	1.253	1.239	1.225
-13.00	1.465	1.447	1.429	1.411	1.394	1.378	1.361	1.345	1.329	1.314	1.299	1.284	1.270	1.256	1.242	1.228
-12.75	1.469	1.450	1.432	1.415	1.398	1.381	1.365	1.349	1.333	1.317	1.302	1.287	1.273	1.259	1.245	1.231
-12.50	1.473	1.454	1.436	1.419	1.401	1.385	1.368	1.352	1.336	1.321	1.306	1.291	1.276	1.262	1.248	1.234
-12.25	1.476	1.458	1.440	1.422	1.405	1.388	1.372	1.355	1.339	1.324	1.309	1.294	1.279	1.265	1.251	1.237
-12.00	1.480	1.462	1.444	1.426	1.409	1.392	1.375	1.359	1.343	1.327	1.312	1.297	1.282	1.268	1.254	1.240
-11.75	1.484	1.466	1.447	1.430	1.412	1.395	1.379	1.362	1.346	1.331	1.315	1.300	1.286	1.271	1.257	1.243
-11.50	1.488	1.469	1.451	1.433	1.416	1.399	1.382	1.366	1.350	1.334	1.319	1.303	1.289	1.274	1.260	1.246
-11.25	1.492	1.473	1.455	1.437	1.420	1.402	1.386	1.369	1.353	1.337	1.322	1.307	1.292	1.277	1.263	1.249
-11.00	1.496	1.477	1.459	1.441	1.423	1.406	1.389	1.373	1.356	1.341	1.325	1.310	1.295	1.280	1.266	1.252
-10.75	1.500	1.481	1.463	1.445	1.427	1.410	1.393	1.376	1.360	1.344	1.328	1.313	1.298	1.284	1.269	1.255
-10.50	1.504	1.485	1.466	1.448	1.431	1.413	1.396	1.380	1.363	1.347	1.332	1.316	1.301	1.287	1.272	1.258
-10.25	1.508	1.489	1.470	1.452	1.434	1.417	1.400	1.383	1.367	1.351	1.335	1.320	1.305	1.290	1.275	1.261

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE														
	638	640	642	644	646	648	650	652	654	656	658	660	662	664	668
-10.00	1.512	1.493	1.474	1.456	1.438	1.421	1.403	1.387	1.370	1.354	1.338	1.323	1.308	1.293	1.264
-9.75	1.516	1.497	1.478	1.460	1.442	1.424	1.407	1.390	1.374	1.357	1.342	1.326	1.311	1.296	1.267
-9.50	1.520	1.501	1.482	1.463	1.445	1.428	1.411	1.394	1.377	1.361	1.345	1.329	1.314	1.299	1.270
-9.25	1.524	1.505	1.486	1.467	1.449	1.431	1.414	1.397	1.381	1.364	1.348	1.333	1.318	1.303	1.274
-9.00	1.528	1.509	1.490	1.471	1.453	1.435	1.418	1.401	1.384	1.368	1.352	1.336	1.321	1.306	1.277
-8.75	1.532	1.512	1.493	1.475	1.457	1.439	1.421	1.404	1.387	1.371	1.355	1.339	1.324	1.309	1.280
-8.50	1.536	1.516	1.497	1.479	1.460	1.442	1.425	1.408	1.391	1.375	1.358	1.343	1.327	1.312	1.283
-8.25	1.540	1.520	1.501	1.482	1.464	1.446	1.429	1.411	1.394	1.378	1.362	1.346	1.331	1.315	1.286
-8.00	1.544	1.524	1.505	1.486	1.468	1.450	1.432	1.415	1.398	1.381	1.365	1.349	1.334	1.319	1.289
-7.75	1.548	1.528	1.509	1.490	1.472	1.454	1.436	1.419	1.402	1.385	1.369	1.353	1.337	1.322	1.292
-7.50	1.552	1.532	1.513	1.494	1.475	1.457	1.440	1.422	1.405	1.388	1.372	1.356	1.340	1.325	1.295
-7.25	1.556	1.536	1.517	1.498	1.479	1.461	1.443	1.426	1.409	1.392	1.375	1.359	1.344	1.328	1.298
-7.00	1.561	1.541	1.521	1.502	1.483	1.465	1.447	1.429	1.412	1.395	1.379	1.363	1.347	1.331	1.302
-6.75	1.565	1.545	1.525	1.506	1.487	1.469	1.451	1.433	1.416	1.399	1.382	1.366	1.350	1.335	1.305
-6.50	1.569	1.549	1.529	1.510	1.491	1.472	1.454	1.437	1.419	1.402	1.386	1.369	1.354	1.338	1.308
-6.25	1.573	1.553	1.533	1.514	1.495	1.476	1.458	1.440	1.423	1.406	1.389	1.373	1.357	1.341	1.311
-6.00	1.577	1.557	1.537	1.517	1.498	1.480	1.462	1.444	1.426	1.409	1.393	1.376	1.360	1.345	1.314
-5.75	1.581	1.561	1.541	1.521	1.502	1.484	1.465	1.448	1.430	1.413	1.396	1.380	1.364	1.348	1.317
-5.50	1.585	1.565	1.545	1.525	1.506	1.487	1.469	1.451	1.434	1.416	1.400	1.383	1.367	1.351	1.320
-5.25	1.590	1.569	1.549	1.529	1.510	1.491	1.473	1.455	1.437	1.420	1.403	1.387	1.370	1.354	1.324
-5.00	1.594	1.573	1.553	1.533	1.514	1.495	1.477	1.459	1.441	1.423	1.407	1.390	1.374	1.358	1.327
-4.75	1.598	1.577	1.557	1.537	1.518	1.499	1.480	1.462	1.444	1.427	1.410	1.393	1.377	1.361	1.330
-4.50	1.602	1.581	1.561	1.541	1.522	1.503	1.484	1.466	1.448	1.431	1.414	1.397	1.380	1.364	1.333
-4.25	1.607	1.586	1.565	1.545	1.526	1.507	1.488	1.470	1.452	1.434	1.417	1.400	1.384	1.368	1.336
-4.00	1.611	1.590	1.569	1.549	1.530	1.511	1.492	1.473	1.455	1.438	1.421	1.404	1.387	1.371	1.340
-3.75	1.615	1.594	1.573	1.553	1.534	1.514	1.496	1.477	1.459	1.441	1.424	1.407	1.391	1.374	1.343
-3.50	1.619	1.598	1.578	1.557	1.538	1.518	1.499	1.481	1.463	1.445	1.428	1.411	1.394	1.378	1.346
-3.25	1.624	1.602	1.582	1.561	1.541	1.522	1.503	1.485	1.466	1.449	1.431	1.414	1.397	1.381	1.349
-3.00	1.628	1.607	1.586	1.565	1.545	1.526	1.507	1.488	1.470	1.452	1.435	1.418	1.401	1.384	1.353
-2.75	1.632	1.611	1.590	1.569	1.549	1.530	1.511	1.492	1.474	1.456	1.438	1.421	1.404	1.388	1.356
-2.50	1.636	1.615	1.594	1.573	1.553	1.534	1.515	1.496	1.477	1.460	1.442	1.425	1.408	1.391	1.359
-2.25	1.641	1.619	1.598	1.578	1.557	1.538	1.519	1.500	1.481	1.463	1.446	1.428	1.411	1.395	1.363
-2.00	1.645	1.624	1.602	1.582	1.561	1.542	1.522	1.504	1.485	1.467	1.449	1.432	1.415	1.398	1.366
-1.75	1.649	1.628	1.607	1.586	1.565	1.546	1.526	1.507	1.489	1.470	1.453	1.435	1.418	1.401	1.369
-1.50	1.654	1.632	1.611	1.590	1.570	1.550	1.530	1.511	1.492	1.474	1.456	1.439	1.422	1.405	1.372
-1.25	1.658	1.636	1.615	1.594	1.574	1.554	1.534	1.515	1.496	1.478	1.460	1.442	1.425	1.408	1.376
-1.00	1.663	1.641	1.619	1.598	1.578	1.558	1.538	1.519	1.500	1.482	1.464	1.446	1.429	1.412	1.379
-0.75	1.667	1.645	1.623	1.602	1.582	1.562	1.542	1.523	1.504	1.485	1.467	1.450	1.432	1.415	1.382
-0.50	1.671	1.649	1.628	1.606	1.586	1.566	1.546	1.527	1.508	1.489	1.471	1.453	1.436	1.419	1.386
-0.25	1.676	1.654	1.632	1.611	1.590	1.570	1.550	1.530	1.511	1.493	1.475	1.457	1.439	1.422	1.389

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE														
	638	640	642	644	646	648	650	652	654	656	658	660	662	664	666
0.00	1.680	1.658	1.636	1.615	1.594	1.574	1.554	1.534	1.515	1.496	1.478	1.460	1.443	1.426	1.409
0.25	1.685	1.662	1.640	1.619	1.598	1.578	1.558	1.538	1.519	1.500	1.482	1.464	1.446	1.429	1.412
0.50	1.689	1.667	1.645	1.623	1.602	1.582	1.562	1.542	1.523	1.504	1.486	1.468	1.450	1.433	1.416
0.75	1.694	1.671	1.649	1.627	1.606	1.586	1.566	1.546	1.527	1.508	1.489	1.471	1.453	1.436	1.419
1.00	1.698	1.675	1.653	1.632	1.610	1.590	1.570	1.550	1.530	1.511	1.493	1.475	1.457	1.440	1.423
1.25	1.703	1.680	1.658	1.636	1.615	1.594	1.574	1.554	1.534	1.515	1.497	1.478	1.461	1.443	1.426
1.50	1.707	1.684	1.662	1.640	1.619	1.598	1.578	1.558	1.538	1.519	1.500	1.482	1.464	1.447	1.429
1.75	1.712	1.689	1.666	1.644	1.623	1.602	1.582	1.562	1.542	1.523	1.504	1.486	1.468	1.450	1.433
2.00	1.716	1.693	1.671	1.649	1.627	1.606	1.586	1.566	1.546	1.527	1.508	1.489	1.471	1.454	1.436
2.25	1.721	1.698	1.675	1.653	1.631	1.610	1.590	1.570	1.550	1.530	1.512	1.493	1.475	1.457	1.440
2.50	1.725	1.702	1.679	1.657	1.636	1.614	1.594	1.574	1.554	1.534	1.515	1.497	1.479	1.461	1.443
2.75	1.730	1.706	1.684	1.661	1.640	1.619	1.598	1.578	1.558	1.538	1.519	1.501	1.482	1.464	1.447
3.00	1.734	1.711	1.688	1.666	1.644	1.623	1.602	1.582	1.562	1.542	1.523	1.504	1.486	1.468	1.450
3.25	1.739	1.715	1.693	1.670	1.648	1.627	1.606	1.586	1.565	1.546	1.527	1.508	1.490	1.472	1.454
3.50	1.743	1.720	1.697	1.674	1.653	1.631	1.610	1.590	1.569	1.550	1.531	1.512	1.493	1.475	1.458
3.75	1.748	1.724	1.701	1.679	1.657	1.635	1.614	1.594	1.573	1.554	1.534	1.515	1.497	1.479	1.461
4.00	1.753	1.729	1.706	1.688	1.661	1.639	1.618	1.598	1.577	1.557	1.538	1.519	1.501	1.482	1.465
4.25	1.757	1.734	1.710	1.688	1.665	1.644	1.622	1.602	1.581	1.561	1.542	1.523	1.504	1.486	1.468
4.50	1.762	1.738	1.715	1.692	1.670	1.648	1.627	1.606	1.585	1.565	1.546	1.527	1.508	1.490	1.472
4.75	1.767	1.743	1.719	1.696	1.674	1.652	1.631	1.610	1.589	1.569	1.550	1.530	1.512	1.493	1.475
5.00	1.771	1.747	1.724	1.701	1.678	1.656	1.635	1.614	1.593	1.573	1.554	1.534	1.515	1.497	1.479
5.25	1.776	1.752	1.728	1.705	1.683	1.661	1.639	1.618	1.597	1.577	1.557	1.538	1.519	1.501	1.482
5.50	1.781	1.756	1.733	1.710	1.687	1.665	1.643	1.622	1.601	1.581	1.561	1.542	1.523	1.504	1.486
5.75	1.785	1.761	1.737	1.714	1.691	1.669	1.647	1.626	1.605	1.585	1.565	1.546	1.527	1.508	1.490
6.00	1.790	1.766	1.742	1.718	1.696	1.673	1.652	1.630	1.609	1.589	1.569	1.549	1.530	1.512	1.493
6.25	1.795	1.770	1.746	1.723	1.700	1.678	1.656	1.634	1.613	1.593	1.573	1.553	1.534	1.515	1.497
6.50	1.800	1.775	1.751	1.727	1.704	1.682	1.660	1.639	1.617	1.597	1.577	1.557	1.538	1.519	1.501
6.75	1.804	1.780	1.755	1.732	1.709	1.686	1.664	1.643	1.622	1.601	1.581	1.561	1.542	1.523	1.504
7.00	1.809	1.784	1.760	1.736	1.713	1.691	1.668	1.647	1.626	1.605	1.585	1.565	1.545	1.526	1.508
7.25	1.814	1.789	1.765	1.741	1.718	1.695	1.673	1.651	1.630	1.609	1.589	1.569	1.549	1.530	1.512
7.50	1.819	1.794	1.769	1.745	1.722	1.699	1.677	1.655	1.634	1.613	1.593	1.573	1.553	1.534	1.515
7.75	1.823	1.798	1.774	1.750	1.726	1.704	1.681	1.659	1.638	1.617	1.597	1.577	1.557	1.538	1.519
8.00	1.828	1.803	1.779	1.754	1.731	1.708	1.686	1.664	1.642	1.621	1.601	1.580	1.561	1.541	1.523
8.25	1.833	1.808	1.783	1.759	1.735	1.712	1.690	1.668	1.646	1.625	1.605	1.584	1.565	1.545	1.526
8.50	1.838	1.813	1.788	1.764	1.740	1.717	1.694	1.672	1.650	1.629	1.609	1.588	1.568	1.549	1.530
8.75	1.843	1.817	1.792	1.768	1.744	1.721	1.698	1.676	1.654	1.633	1.613	1.592	1.572	1.553	1.534
9.00	1.848	1.822	1.797	1.773	1.749	1.726	1.703	1.681	1.659	1.637	1.617	1.596	1.576	1.557	1.537
9.25	1.853	1.827	1.802	1.777	1.753	1.730	1.707	1.685	1.663	1.641	1.621	1.600	1.580	1.560	1.541
9.50	1.857	1.832	1.807	1.782	1.758	1.734	1.711	1.689	1.667	1.646	1.625	1.604	1.584	1.564	1.545
9.75	1.862	1.837	1.811	1.787	1.762	1.739	1.716	1.693	1.671	1.650	1.629	1.608	1.588	1.568	1.549

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE														
	638	640	642	644	646	648	650	652	654	656	658	660	662	664	666
10.00	1.867	1.841	1.816	1.791	1.767	1.743	1.720	1.698	1.675	1.654	1.633	1.612	1.592	1.572	1.552
10.25	1.872	1.846	1.821	1.796	1.771	1.748	1.725	1.702	1.680	1.658	1.637	1.616	1.596	1.576	1.556
10.50	1.877	1.851	1.826	1.800	1.776	1.752	1.729	1.706	1.684	1.662	1.641	1.620	1.600	1.580	1.560
10.75	1.882	1.856	1.830	1.805	1.781	1.757	1.733	1.711	1.688	1.666	1.645	1.624	1.603	1.583	1.564
11.00	1.887	1.861	1.835	1.810	1.785	1.761	1.738	1.715	1.692	1.670	1.649	1.628	1.607	1.587	1.568
11.25	1.892	1.866	1.840	1.815	1.790	1.766	1.742	1.719	1.697	1.675	1.653	1.632	1.611	1.591	1.571
11.50	1.897	1.871	1.845	1.819	1.794	1.770	1.747	1.724	1.701	1.679	1.657	1.636	1.615	1.595	1.575
11.75	1.902	1.875	1.849	1.824	1.799	1.775	1.751	1.728	1.705	1.683	1.661	1.640	1.619	1.599	1.579
12.00	1.907	1.880	1.854	1.829	1.804	1.779	1.756	1.732	1.709	1.687	1.665	1.644	1.623	1.603	1.583
12.25	1.912	1.885	1.859	1.833	1.808	1.784	1.760	1.737	1.714	1.691	1.670	1.648	1.627	1.607	1.587
12.50	1.917	1.890	1.864	1.838	1.813	1.789	1.765	1.741	1.718	1.696	1.674	1.652	1.631	1.611	1.591
12.75	1.922	1.895	1.869	1.843	1.818	1.793	1.769	1.745	1.722	1.700	1.678	1.656	1.635	1.615	1.594
13.00	1.927	1.900	1.874	1.848	1.822	1.798	1.774	1.750	1.727	1.704	1.682	1.660	1.639	1.619	1.598
13.25	1.933	1.905	1.879	1.853	1.827	1.802	1.778	1.754	1.731	1.708	1.686	1.665	1.643	1.623	1.602
13.50	1.938	1.910	1.884	1.857	1.832	1.807	1.783	1.759	1.735	1.713	1.690	1.669	1.647	1.626	1.606
13.75	1.943	1.915	1.888	1.862	1.837	1.812	1.787	1.763	1.740	1.717	1.695	1.673	1.651	1.630	1.610
14.00	1.948	1.920	1.893	1.867	1.841	1.816	1.792	1.768	1.744	1.721	1.699	1.677	1.655	1.634	1.614
14.25	1.953	1.925	1.898	1.872	1.846	1.821	1.796	1.772	1.749	1.726	1.703	1.681	1.660	1.638	1.618
14.50	1.958	1.930	1.903	1.877	1.851	1.826	1.801	1.777	1.753	1.730	1.707	1.685	1.664	1.642	1.622
14.75	1.963	1.935	1.908	1.882	1.856	1.830	1.805	1.781	1.757	1.734	1.712	1.689	1.668	1.646	1.626
15.00	1.969	1.941	1.913	1.886	1.860	1.835	1.810	1.786	1.762	1.739	1.716	1.694	1.672	1.650	1.630
15.25	1.974	1.946	1.918	1.891	1.865	1.840	1.815	1.790	1.766	1.743	1.720	1.698	1.676	1.654	1.634
15.50	1.979	1.951	1.923	1.896	1.870	1.844	1.819	1.795	1.771	1.747	1.724	1.702	1.680	1.659	1.638
15.75	1.984	1.956	1.928	1.901	1.875	1.849	1.824	1.799	1.775	1.752	1.729	1.706	1.684	1.663	1.642
16.00	1.989	1.961	1.933	1.906	1.880	1.854	1.828	1.804	1.780	1.756	1.733	1.710	1.688	1.667	1.646
16.25	1.995	1.966	1.938	1.911	1.884	1.859	1.833	1.808	1.784	1.760	1.737	1.715	1.692	1.671	1.650
16.50	2.000	1.971	1.943	1.916	1.889	1.863	1.838	1.813	1.789	1.765	1.742	1.719	1.697	1.675	1.654
16.75	2.005	1.976	1.948	1.921	1.894	1.868	1.843	1.818	1.793	1.769	1.746	1.723	1.701	1.679	1.658
17.00	2.011	1.982	1.954	1.926	1.899	1.873	1.847	1.822	1.798	1.774	1.750	1.727	1.705	1.683	1.662
17.25	2.016	1.987	1.959	1.931	1.904	1.878	1.852	1.827	1.802	1.778	1.755	1.732	1.709	1.687	1.666
17.50	2.021	1.992	1.964	1.936	1.909	1.883	1.857	1.831	1.807	1.783	1.759	1.736	1.713	1.691	1.670
17.75	2.027	1.997	1.969	1.941	1.914	1.887	1.861	1.836	1.811	1.787	1.763	1.740	1.718	1.695	1.674
18.00	2.032	2.003	1.974	1.946	1.919	1.892	1.866	1.841	1.816	1.791	1.768	1.745	1.722	1.700	1.678
18.25	2.037	2.008	1.979	1.951	1.924	1.897	1.871	1.845	1.820	1.796	1.772	1.749	1.726	1.704	1.682
18.50	2.043	2.013	1.984	1.956	1.929	1.902	1.876	1.850	1.825	1.800	1.777	1.753	1.730	1.708	1.686
18.75	2.048	2.018	1.990	1.961	1.934	1.907	1.880	1.855	1.830	1.805	1.781	1.757	1.735	1.712	1.690
19.00	2.053	2.024	1.995	1.966	1.939	1.912	1.885	1.859	1.834	1.809	1.785	1.762	1.739	1.716	1.694
19.25	2.059	2.029	2.000	1.971	1.944	1.917	1.890	1.864	1.839	1.814	1.790	1.766	1.743	1.720	1.698
19.50	2.064	2.034	2.005	1.977	1.949	1.921	1.895	1.869	1.843	1.819	1.794	1.771	1.747	1.725	1.702
19.75	2.070	2.040	2.010	1.982	1.954	1.926	1.900	1.874	1.848	1.823	1.799	1.775	1.752	1.729	1.707

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE														
	638	640	642	644	646	648	650	652	654	656	658	660	662	664	666
20.00	2.075	2.045	2.016	1.987	1.959	1.931	1.904	1.878	1.853	1.828	1.803	1.779	1.756	1.733	1.711
20.25	2.081	2.050	2.021	1.992	1.964	1.936	1.909	1.883	1.857	1.832	1.808	1.784	1.760	1.737	1.715
20.50	2.086	2.056	2.026	1.997	1.969	1.941	1.914	1.888	1.862	1.837	1.812	1.788	1.765	1.742	1.719
20.75	2.092	2.061	2.031	2.002	1.974	1.946	1.919	1.893	1.867	1.841	1.817	1.793	1.769	1.746	1.723
21.00	2.097	2.067	2.037	2.007	1.979	1.951	1.924	1.897	1.871	1.846	1.821	1.797	1.773	1.750	1.727
21.25	2.103	2.072	2.042	2.013	1.984	1.956	1.929	1.902	1.876	1.851	1.826	1.801	1.778	1.754	1.732
21.50	2.108	2.077	2.047	2.018	1.989	1.961	1.934	1.907	1.881	1.855	1.830	1.806	1.782	1.759	1.736
21.75	2.114	2.083	2.053	2.023	1.994	1.966	1.939	1.912	1.886	1.860	1.835	1.810	1.786	1.763	1.740
22.00	2.120	2.088	2.058	2.028	1.999	1.971	1.944	1.917	1.890	1.865	1.839	1.815	1.791	1.767	1.744
22.25	2.125	2.094	2.063	2.034	2.005	1.976	1.949	1.922	1.895	1.869	1.844	1.819	1.795	1.772	1.748
22.50	2.131	2.099	2.069	2.039	2.010	1.981	1.954	1.926	1.900	1.874	1.849	1.824	1.800	1.776	1.753
22.75	2.136	2.105	2.074	2.044	2.015	1.986	1.959	1.931	1.905	1.879	1.853	1.828	1.804	1.780	1.757
23.00	2.142	2.110	2.080	2.050	2.020	1.992	1.964	1.936	1.909	1.883	1.858	1.833	1.808	1.785	1.761
23.25	2.148	2.116	2.085	2.055	2.025	1.997	1.969	1.941	1.914	1.888	1.862	1.837	1.813	1.789	1.765
23.50	2.153	2.122	2.091	2.060	2.031	2.002	1.974	1.946	1.919	1.893	1.867	1.842	1.817	1.793	1.770
23.75	2.159	2.127	2.096	2.066	2.036	2.007	1.979	1.951	1.924	1.897	1.872	1.846	1.822	1.798	1.774
24.00	2.165	2.133	2.101	2.071	2.041	2.012	1.984	1.956	1.929	1.902	1.876	1.851	1.826	1.802	1.778
24.25	2.170	2.138	2.107	2.076	2.046	2.017	1.989	1.961	1.934	1.907	1.881	1.856	1.831	1.806	1.783
24.50	2.176	2.144	2.112	2.082	2.052	2.022	1.994	1.966	1.938	1.912	1.886	1.860	1.835	1.811	1.787
24.75	2.182	2.150	2.118	2.087	2.057	2.028	1.999	1.971	1.943	1.917	1.890	1.865	1.840	1.815	1.791
25.00	2.188	2.155	2.124	2.092	2.062	2.033	2.004	1.976	1.948	1.921	1.895	1.869	1.844	1.820	1.796
25.25	2.194	2.161	2.129	2.098	2.068	2.038	2.009	1.981	1.953	1.926	1.900	1.874	1.849	1.824	1.800
25.50	2.199	2.167	2.135	2.103	2.073	2.043	2.014	1.986	1.958	1.931	1.905	1.879	1.853	1.829	1.804
25.75	2.205	2.172	2.140	2.109	2.078	2.048	2.019	1.991	1.963	1.936	1.909	1.883	1.858	1.833	1.809
26.00	2.211	2.178	2.146	2.114	2.084	2.054	2.024	1.996	1.968	1.941	1.914	1.888	1.863	1.838	1.813
26.25	2.217	2.184	2.151	2.120	2.089	2.059	2.030	2.001	1.973	1.945	1.919	1.893	1.867	1.842	1.818
26.50	2.223	2.189	2.157	2.125	2.094	2.064	2.035	2.006	1.978	1.950	1.924	1.897	1.872	1.847	1.822
26.75	2.229	2.195	2.163	2.131	2.100	2.070	2.040	2.011	1.983	1.955	1.928	1.902	1.876	1.851	1.826
27.00	2.234	2.201	2.168	2.136	2.105	2.075	2.045	2.016	1.988	1.960	1.933	1.907	1.881	1.856	1.831
27.25	2.240	2.207	2.174	2.142	2.111	2.080	2.050	2.021	1.993	1.965	1.938	1.911	1.886	1.860	1.835
27.50	2.246	2.212	2.180	2.147	2.116	2.086	2.056	2.026	1.998	1.970	1.943	1.916	1.890	1.865	1.840
27.75	2.252	2.218	2.185	2.153	2.121	2.091	2.061	2.032	2.003	1.975	1.948	1.921	1.895	1.869	1.844
28.00	2.258	2.224	2.191	2.159	2.127	2.096	2.066	2.037	2.008	1.980	1.952	1.926	1.899	1.874	1.849
28.25	2.264	2.230	2.197	2.164	2.132	2.102	2.071	2.042	2.013	1.985	1.957	1.930	1.904	1.878	1.853
28.50	2.270	2.236	2.202	2.170	2.138	2.107	2.077	2.047	2.018	1.990	1.962	1.935	1.909	1.883	1.858
28.75	2.276	2.242	2.208	2.175	2.143	2.112	2.082	2.052	2.023	1.995	1.967	1.940	1.914	1.888	1.862
29.00	2.282	2.248	2.214	2.181	2.149	2.118	2.087	2.057	2.028	2.000	1.972	1.945	1.918	1.892	1.867
29.25	2.288	2.253	2.220	2.187	2.155	2.123	2.093	2.063	2.033	2.005	1.977	1.950	1.923	1.897	1.871
29.50	2.294	2.259	2.226	2.192	2.160	2.129	2.098	2.068	2.038	2.010	1.982	1.954	1.928	1.901	1.876
29.75	2.300	2.265	2.231	2.198	2.166	2.134	2.103	2.073	2.044	2.015	1.987	1.959	1.932	1.906	1.880

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE															
	638	640	642	644	646	648	650	652	654	656	658	660	662	664	666	668
30.00	2.306	2.271	2.237	2.204	2.171	2.140	2.109	2.078	2.049	2.020	1.992	1.964	1.937	1.911	1.885	1.860
30.25	2.312	2.277	2.243	2.209	2.177	2.145	2.114	2.084	2.054	2.025	1.997	1.969	1.942	1.915	1.890	1.864
30.50	2.319	2.283	2.249	2.215	2.182	2.151	2.119	2.089	2.059	2.030	2.002	1.974	1.947	1.920	1.894	1.869
30.75	2.325	2.289	2.255	2.221	2.188	2.156	2.125	2.094	2.064	2.035	2.007	1.979	1.951	1.925	1.899	1.873
31.00	2.331	2.295	2.261	2.227	2.194	2.162	2.130	2.099	2.069	2.040	2.012	1.984	1.956	1.929	1.903	1.878
31.25	2.337	2.301	2.267	2.232	2.199	2.167	2.136	2.105	2.075	2.045	2.017	1.988	1.961	1.934	1.908	1.882
31.50	2.343	2.307	2.272	2.238	2.205	2.173	2.141	2.110	2.080	2.050	2.022	1.993	1.966	1.939	1.913	1.887
31.75	2.349	2.313	2.278	2.244	2.211	2.178	2.146	2.115	2.085	2.055	2.027	1.998	1.971	1.944	1.917	1.892
32.00	2.356	2.319	2.284	2.250	2.216	2.184	2.152	2.121	2.090	2.061	2.032	2.003	1.976	1.948	1.922	1.896
32.25	2.362	2.326	2.290	2.256	2.222	2.189	2.157	2.126	2.096	2.066	2.037	2.008	1.980	1.953	1.927	1.901
32.50	2.368	2.332	2.296	2.262	2.228	2.195	2.163	2.132	2.101	2.071	2.042	2.013	1.985	1.958	1.931	1.905
32.75	2.374	2.338	2.302	2.267	2.234	2.201	2.168	2.137	2.106	2.076	2.047	2.018	1.990	1.963	1.936	1.910
33.00	2.381	2.344	2.308	2.273	2.239	2.206	2.174	2.142	2.111	2.081	2.052	2.023	1.995	1.968	1.941	1.915
33.25	2.387	2.350	2.314	2.279	2.245	2.212	2.179	2.148	2.117	2.087	2.057	2.028	2.000	1.972	1.945	1.919
33.50	2.393	2.356	2.320	2.285	2.251	2.218	2.185	2.153	2.122	2.092	2.062	2.033	2.005	1.977	1.950	1.924
33.75	2.399	2.362	2.326	2.291	2.257	2.223	2.191	2.159	2.127	2.097	2.067	2.038	2.010	1.982	1.955	1.928
34.00	2.406	2.369	2.332	2.297	2.263	2.229	2.196	2.164	2.133	2.102	2.072	2.043	2.015	1.987	1.960	1.933
34.25	2.412	2.375	2.339	2.303	2.268	2.235	2.202	2.170	2.138	2.107	2.078	2.048	2.020	1.992	1.964	1.938
34.50	2.419	2.381	2.345	2.309	2.274	2.241	2.207	2.175	2.144	2.113	2.083	2.053	2.025	1.997	1.969	1.942
34.75	2.425	2.387	2.351	2.315	2.280	2.246	2.213	2.181	2.149	2.118	2.088	2.058	2.030	2.001	1.974	1.947
35.00	2.431	2.394	2.357	2.321	2.286	2.252	2.219	2.186	2.154	2.123	2.093	2.064	2.035	2.006	1.979	1.952
35.25	2.438	2.400	2.363	2.327	2.292	2.258	2.224	2.192	2.160	2.129	2.098	2.069	2.040	2.011	1.984	1.957
35.50	2.444	2.406	2.369	2.333	2.298	2.264	2.230	2.197	2.165	2.134	2.104	2.074	2.045	2.016	1.988	1.961
35.75	2.451	2.413	2.375	2.339	2.304	2.269	2.236	2.203	2.171	2.139	2.109	2.079	2.050	2.021	1.993	1.966
36.00	2.457	2.419	2.382	2.345	2.310	2.275	2.241	2.208	2.176	2.145	2.114	2.084	2.055	2.026	1.998	1.971
36.25	2.464	2.425	2.388	2.351	2.316	2.281	2.247	2.214	2.182	2.150	2.119	2.089	2.060	2.031	2.003	1.976
36.50	2.470	2.432	2.394	2.357	2.322	2.287	2.253	2.220	2.187	2.155	2.125	2.094	2.065	2.036	2.008	1.980
36.75	2.477	2.438	2.400	2.363	2.328	2.293	2.259	2.225	2.193	2.161	2.130	2.100	2.070	2.041	2.013	1.985
37.00	2.483	2.444	2.407	2.370	2.334	2.299	2.264	2.231	2.198	2.166	2.135	2.105	2.075	2.046	2.018	1.990
37.25	2.490	2.451	2.413	2.376	2.340	2.304	2.270	2.237	2.204	2.172	2.140	2.110	2.080	2.051	2.022	1.995
37.50	2.496	2.457	2.419	2.382	2.346	2.310	2.276	2.242	2.209	2.177	2.146	2.115	2.085	2.056	2.027	2.000
37.75	2.503	2.464	2.425	2.388	2.352	2.316	2.282	2.248	2.215	2.183	2.151	2.120	2.090	2.061	2.032	2.004
38.00	2.510	2.470	2.432	2.394	2.358	2.322	2.287	2.254	2.220	2.188	2.156	2.126	2.095	2.066	2.037	2.009
38.25	2.516	2.477	2.438	2.400	2.364	2.328	2.293	2.259	2.226	2.193	2.162	2.131	2.101	2.071	2.042	2.014
38.50	2.523	2.483	2.445	2.407	2.370	2.334	2.299	2.265	2.232	2.199	2.167	2.136	2.106	2.076	2.047	2.019
38.75	2.529	2.490	2.451	2.413	2.376	2.340	2.305	2.271	2.237	2.204	2.173	2.141	2.111	2.081	2.052	2.024
39.00	2.536	2.496	2.457	2.419	2.382	2.346	2.311	2.276	2.243	2.210	2.178	2.147	2.116	2.086	2.057	2.029
39.25	2.543	2.503	2.464	2.425	2.388	2.352	2.317	2.282	2.248	2.215	2.183	2.152	2.121	2.091	2.062	2.034
39.50	2.550	2.509	2.470	2.432	2.394	2.358	2.323	2.288	2.254	2.221	2.189	2.157	2.127	2.096	2.067	2.038
39.75	2.556	2.516	2.477	2.438	2.401	2.364	2.329	2.294	2.260	2.227	2.194	2.163	2.132	2.102	2.072	2.043

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE														
	638	640	642	644	646	648	650	652	654	656	658	660	662	664	668
40.00	2.563	2.523	2.483	2.444	2.407	2.370	2.334	2.300	2.265	2.232	2.200	2.168	2.137	2.107	2.048
40.25	2.570	2.529	2.490	2.451	2.413	2.376	2.340	2.305	2.271	2.238	2.205	2.173	2.142	2.112	2.053
40.50	2.577	2.536	2.496	2.457	2.419	2.382	2.346	2.311	2.277	2.243	2.211	2.179	2.148	2.117	2.058
40.75	2.583	2.542	2.503	2.463	2.426	2.389	2.352	2.317	2.283	2.249	2.216	2.184	2.153	2.122	2.063
41.00	2.590	2.549	2.509	2.470	2.432	2.395	2.358	2.323	2.288	2.255	2.222	2.190	2.158	2.127	2.068
41.25	2.597	2.556	2.516	2.476	2.438	2.401	2.364	2.329	2.294	2.260	2.227	2.195	2.163	2.133	2.073
41.50	2.604	2.563	2.522	2.483	2.444	2.407	2.370	2.335	2.300	2.266	2.233	2.200	2.169	2.138	2.078
41.75	2.611	2.569	2.529	2.489	2.451	2.413	2.376	2.341	2.306	2.272	2.238	2.206	2.174	2.143	2.083
42.00	2.618	2.576	2.535	2.496	2.457	2.419	2.382	2.347	2.311	2.277	2.244	2.211	2.179	2.148	2.088
42.25	2.625	2.583	2.542	2.502	2.463	2.426	2.389	2.353	2.317	2.283	2.250	2.217	2.185	2.153	2.093
42.50	2.632	2.590	2.549	2.509	2.470	2.432	2.395	2.359	2.323	2.289	2.255	2.222	2.190	2.159	2.098
42.75	2.639	2.596	2.555	2.515	2.476	2.438	2.401	2.365	2.329	2.294	2.261	2.228	2.196	2.164	2.103
43.00	2.646	2.603	2.562	2.522	2.482	2.444	2.407	2.370	2.335	2.300	2.266	2.233	2.201	2.169	2.108
43.25	2.653	2.610	2.569	2.528	2.489	2.451	2.413	2.377	2.341	2.306	2.272	2.239	2.206	2.175	2.114
43.50	2.660	2.617	2.575	2.535	2.495	2.457	2.419	2.382	2.347	2.312	2.278	2.244	2.212	2.180	2.119
43.75	2.667	2.624	2.582	2.541	2.502	2.463	2.425	2.389	2.353	2.317	2.283	2.250	2.217	2.185	2.124
44.00	2.674	2.631	2.589	2.548	2.508	2.469	2.431	2.395	2.358	2.323	2.289	2.255	2.223	2.191	2.129
44.25	2.681	2.638	2.596	2.554	2.515	2.476	2.438	2.401	2.364	2.329	2.295	2.261	2.228	2.196	2.134
44.50	2.688	2.644	2.602	2.561	2.521	2.482	2.444	2.407	2.370	2.335	2.300	2.267	2.234	2.201	2.139
44.75	2.695	2.651	2.609	2.568	2.528	2.488	2.450	2.413	2.376	2.341	2.306	2.272	2.239	2.207	2.144
45.00	2.702	2.658	2.616	2.574	2.534	2.495	2.456	2.419	2.382	2.347	2.312	2.278	2.245	2.212	2.150
45.25	2.709	2.665	2.623	2.581	2.541	2.501	2.463	2.425	2.388	2.352	2.318	2.283	2.250	2.217	2.155
45.50	2.716	2.672	2.630	2.588	2.547	2.508	2.469	2.431	2.394	2.358	2.323	2.289	2.256	2.223	2.160
45.75	2.724	2.679	2.637	2.595	2.554	2.514	2.475	2.437	2.400	2.364	2.329	2.295	2.261	2.228	2.165
46.00	2.731	2.686	2.643	2.601	2.560	2.521	2.481	2.444	2.406	2.370	2.335	2.300	2.267	2.234	2.170
46.25	2.738	2.693	2.650	2.608	2.567	2.527	2.488	2.450	2.412	2.376	2.341	2.306	2.272	2.239	2.176
46.50	2.745	2.701	2.657	2.615	2.574	2.533	2.494	2.456	2.418	2.382	2.347	2.312	2.278	2.245	2.181
46.75	2.752	2.708	2.664	2.622	2.580	2.540	2.500	2.462	2.425	2.388	2.352	2.317	2.284	2.250	2.186
47.00	2.760	2.715	2.671	2.628	2.587	2.546	2.507	2.468	2.431	2.394	2.358	2.323	2.289	2.256	2.191
47.25	2.767	2.722	2.678	2.635	2.594	2.553	2.513	2.475	2.437	2.400	2.364	2.329	2.295	2.261	2.197
47.50	2.774	2.729	2.685	2.642	2.600	2.560	2.520	2.481	2.443	2.406	2.370	2.335	2.300	2.267	2.202
47.75	2.782	2.736	2.692	2.649	2.607	2.566	2.526	2.487	2.449	2.412	2.376	2.341	2.306	2.272	2.207
48.00	2.789	2.743	2.699	2.656	2.614	2.573	2.532	2.493	2.455	2.418	2.382	2.346	2.312	2.278	2.213
48.25	2.796	2.751	2.706	2.663	2.620	2.579	2.539	2.500	2.461	2.424	2.388	2.352	2.317	2.283	2.218
48.50	2.804	2.758	2.713	2.670	2.627	2.586	2.545	2.506	2.468	2.430	2.394	2.358	2.323	2.289	2.223
48.75	2.811	2.765	2.720	2.676	2.634	2.592	2.552	2.513	2.474	2.436	2.400	2.364	2.329	2.295	2.229
49.00	2.819	2.772	2.727	2.683	2.641	2.599	2.558	2.519	2.480	2.442	2.406	2.370	2.335	2.300	2.234
49.25	2.826	2.780	2.735	2.690	2.647	2.606	2.565	2.525	2.486	2.448	2.412	2.375	2.340	2.306	2.240
49.50	2.833	2.787	2.742	2.697	2.654	2.612	2.571	2.532	2.493	2.455	2.418	2.381	2.346	2.311	2.245
49.75	2.841	2.794	2.749	2.704	2.661	2.619	2.578	2.538	2.499	2.461	2.424	2.387	2.352	2.317	2.250

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE														
	638	640	642	644	646	648	650	652	654	656	658	660	662	664	666
50.00	2.848	2.802	2.756	2.711	2.668	2.626	2.585	2.544	2.505	2.467	2.430	2.393	2.358	2.323	2.289
50.25	2.856	2.809	2.763	2.718	2.675	2.633	2.591	2.551	2.511	2.473	2.436	2.399	2.363	2.328	2.294
50.50	2.864	2.816	2.770	2.725	2.682	2.639	2.598	2.557	2.518	2.479	2.442	2.405	2.369	2.334	2.300
50.75	2.871	2.824	2.778	2.733	2.689	2.646	2.604	2.564	2.524	2.485	2.448	2.411	2.375	2.340	2.306
51.00	2.879	2.831	2.785	2.740	2.696	2.653	2.611	2.570	2.530	2.492	2.454	2.417	2.381	2.346	2.311
51.25	2.886	2.839	2.792	2.747	2.703	2.660	2.618	2.577	2.537	2.498	2.460	2.423	2.387	2.351	2.317
51.50	2.894	2.846	2.799	2.754	2.710	2.667	2.624	2.583	2.543	2.504	2.466	2.429	2.393	2.357	2.322
51.75	2.902	2.853	2.807	2.761	2.717	2.673	2.631	2.590	2.550	2.510	2.472	2.435	2.398	2.363	2.328
52.00	2.909	2.861	2.814	2.768	2.724	2.680	2.638	2.596	2.556	2.517	2.478	2.441	2.404	2.369	2.334
52.25	2.917	2.869	2.821	2.775	2.731	2.687	2.644	2.603	2.562	2.523	2.485	2.447	2.410	2.374	2.339
52.50	2.925	2.876	2.829	2.783	2.738	2.694	2.651	2.610	2.569	2.529	2.491	2.453	2.416	2.380	2.345
52.75	2.932	2.884	2.836	2.790	2.745	2.701	2.658	2.616	2.575	2.536	2.497	2.459	2.422	2.386	2.351
53.00	2.940	2.891	2.844	2.797	2.752	2.708	2.665	2.623	2.582	2.542	2.503	2.465	2.428	2.392	2.356
53.25	2.948	2.899	2.851	2.804	2.759	2.715	2.672	2.630	2.588	2.548	2.509	2.471	2.434	2.398	2.362
53.50	2.956	2.906	2.858	2.812	2.766	2.722	2.678	2.636	2.595	2.555	2.516	2.477	2.440	2.403	2.368
53.75	2.964	2.914	2.866	2.819	2.773	2.729	2.685	2.643	2.601	2.561	2.522	2.483	2.446	2.409	2.374
54.00	2.971	2.922	2.873	2.826	2.780	2.736	2.692	2.650	2.608	2.567	2.528	2.490	2.452	2.415	2.379
54.25	2.979	2.929	2.881	2.833	2.787	2.743	2.699	2.656	2.615	2.574	2.534	2.496	2.458	2.421	2.385
54.50	2.987	2.937	2.888	2.841	2.795	2.750	2.706	2.663	2.621	2.580	2.541	2.502	2.464	2.427	2.391
54.75	2.995	2.945	2.896	2.848	2.802	2.757	2.713	2.670	2.628	2.587	2.547	2.508	2.470	2.433	2.397
55.00	3.003	2.952	2.904	2.856	2.809	2.764	2.720	2.677	2.634	2.593	2.553	2.514	2.476	2.439	2.403
55.25	3.011	2.960	2.911	2.863	2.816	2.771	2.726	2.683	2.641	2.600	2.560	2.521	2.482	2.445	2.408
55.50	3.019	2.968	2.919	2.870	2.824	2.778	2.733	2.690	2.648	2.606	2.566	2.527	2.488	2.451	2.414
55.75	3.027	2.976	2.926	2.878	2.831	2.785	2.740	2.697	2.654	2.613	2.573	2.533	2.495	2.457	2.420
56.00	3.035	2.984	2.934	2.885	2.838	2.792	2.747	2.704	2.661	2.619	2.579	2.539	2.501	2.463	2.426
56.25	3.043	2.991	2.942	2.893	2.845	2.799	2.754	2.711	2.668	2.626	2.585	2.546	2.507	2.469	2.432
56.50	3.051	2.999	2.949	2.900	2.853	2.807	2.761	2.717	2.674	2.632	2.592	2.552	2.513	2.475	2.438
56.75	3.059	3.007	2.957	2.908	2.860	2.814	2.768	2.724	2.681	2.639	2.598	2.558	2.519	2.481	2.444
57.00	3.067	3.015	2.965	2.915	2.868	2.821	2.775	2.731	2.688	2.646	2.605	2.564	2.525	2.487	2.450
57.25	3.075	3.023	2.972	2.923	2.875	2.828	2.783	2.738	2.695	2.652	2.611	2.571	2.532	2.493	2.456
57.50	3.083	3.031	2.980	2.931	2.882	2.836	2.790	2.745	2.701	2.659	2.618	2.577	2.538	2.499	2.462
57.75	3.091	3.039	2.988	2.938	2.890	2.843	2.797	2.752	2.708	2.666	2.624	2.584	2.544	2.505	2.468
58.00	3.099	3.047	2.996	2.946	2.897	2.850	2.804	2.759	2.715	2.672	2.631	2.590	2.550	2.511	2.474
58.25	3.108	3.055	3.004	2.953	2.905	2.857	2.811	2.766	2.722	2.679	2.637	2.596	2.557	2.518	2.480
58.50	3.116	3.063	3.011	2.961	2.912	2.865	2.818	2.773	2.729	2.686	2.644	2.603	2.563	2.524	2.486
58.75	3.124	3.071	3.019	2.969	2.920	2.872	2.825	2.780	2.736	2.692	2.650	2.609	2.569	2.530	2.492
59.00	3.132	3.079	3.027	2.976	2.927	2.879	2.833	2.787	2.742	2.699	2.657	2.616	2.575	2.536	2.498
59.25	3.141	3.087	3.035	2.984	2.935	2.887	2.840	2.794	2.749	2.706	2.664	2.622	2.582	2.542	2.504
59.50	3.149	3.095	3.043	2.992	2.942	2.894	2.847	2.801	2.756	2.713	2.670	2.629	2.588	2.548	2.510
59.75	3.157	3.103	3.051	3.000	2.950	2.902	2.854	2.808	2.763	2.719	2.677	2.635	2.594	2.555	2.516

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE															
	638	640	642	644	646	648	650	652	654	656	658	660	662	664	666	668
60.00	3.166	3.112	3.059	3.008	2.958	2.909	2.862	2.815	2.770	2.726	2.683	2.642	2.601	2.561	2.522	2.484
60.25	3.174	3.120	3.067	3.015	2.965	2.916	2.869	2.823	2.777	2.733	2.690	2.648	2.607	2.567	2.528	2.490
60.50	3.182	3.128	3.075	3.023	2.973	2.924	2.876	2.830	2.784	2.740	2.697	2.655	2.614	2.573	2.534	2.496
60.75	3.191	3.136	3.083	3.031	2.980	2.931	2.883	2.837	2.791	2.747	2.704	2.661	2.620	2.580	2.541	2.502
61.00	3.199	3.144	3.091	3.039	2.988	2.939	2.891	2.844	2.798	2.754	2.710	2.668	2.627	2.586	2.547	2.508
61.25	3.208	3.153	3.099	3.047	2.996	2.947	2.898	2.851	2.805	2.760	2.717	2.674	2.633	2.592	2.553	2.514
61.50	3.216	3.161	3.107	3.055	3.004	2.954	2.906	2.858	2.812	2.767	2.724	2.681	2.639	2.599	2.559	2.521
61.75	3.225	3.169	3.115	3.063	3.011	2.962	2.913	2.866	2.819	2.774	2.731	2.688	2.646	2.605	2.565	2.527
62.00	3.233	3.177	3.123	3.070	3.019	2.969	2.920	2.873	2.826	2.781	2.737	2.694	2.652	2.611	2.572	2.533
62.25	3.242	3.186	3.132	3.078	3.027	2.977	2.928	2.880	2.834	2.788	2.744	2.701	2.659	2.618	2.578	2.539
62.50	3.250	3.194	3.140	3.086	3.035	2.984	2.935	2.887	2.841	2.795	2.751	2.708	2.666	2.624	2.584	2.545
62.75	3.259	3.203	3.148	3.094	3.043	2.992	2.943	2.895	2.848	2.802	2.758	2.714	2.672	2.631	2.590	2.551
63.00	3.267	3.211	3.156	3.102	3.050	3.000	2.950	2.902	2.855	2.809	2.765	2.721	2.679	2.637	2.597	2.557
63.25	3.276	3.219	3.164	3.111	3.058	3.008	2.958	2.909	2.862	2.816	2.772	2.728	2.685	2.644	2.603	2.563
63.50	3.285	3.228	3.173	3.119	3.066	3.015	2.965	2.917	2.869	2.823	2.778	2.735	2.692	2.650	2.609	2.570
63.75	3.293	3.236	3.181	3.127	3.074	3.023	2.973	2.924	2.877	2.830	2.785	2.741	2.698	2.656	2.616	2.576
64.00	3.302	3.245	3.189	3.135	3.082	3.031	2.980	2.932	2.884	2.837	2.792	2.748	2.705	2.663	2.622	2.582
64.25	3.311	3.253	3.198	3.143	3.090	3.038	2.988	2.939	2.891	2.845	2.799	2.755	2.712	2.669	2.628	2.588
64.50	3.320	3.262	3.206	3.151	3.098	3.046	2.996	2.947	2.898	2.852	2.806	2.762	2.718	2.676	2.635	2.595
64.75	3.328	3.270	3.214	3.159	3.106	3.054	3.003	2.954	2.906	2.859	2.813	2.769	2.725	2.683	2.641	2.601
65.00	3.337	3.279	3.223	3.167	3.114	3.062	3.011	2.961	2.913	2.866	2.820	2.775	2.732	2.689	2.648	2.607
65.25	3.346	3.288	3.231	3.176	3.122	3.070	3.019	2.969	2.920	2.873	2.827	2.782	2.738	2.696	2.654	2.613
65.50	3.355	3.296	3.240	3.184	3.130	3.078	3.026	2.976	2.928	2.880	2.834	2.789	2.745	2.702	2.660	2.620
65.75	3.364	3.305	3.248	3.192	3.138	3.085	3.034	2.984	2.935	2.888	2.841	2.796	2.752	2.709	2.667	2.626
66.00	3.373	3.314	3.256	3.200	3.146	3.093	3.042	2.992	2.942	2.895	2.848	2.803	2.759	2.715	2.673	2.632
66.25	3.382	3.322	3.265	3.209	3.154	3.101	3.049	2.999	2.950	2.902	2.855	2.810	2.765	2.722	2.680	2.639
66.50	3.391	3.331	3.273	3.217	3.162	3.109	3.057	3.007	2.957	2.909	2.863	2.817	2.772	2.729	2.686	2.645
66.75	3.399	3.340	3.282	3.225	3.171	3.117	3.065	3.014	2.965	2.917	2.870	2.824	2.779	2.735	2.693	2.651
67.00	3.408	3.349	3.291	3.234	3.179	3.125	3.073	3.022	2.972	2.924	2.877	2.831	2.786	2.742	2.699	2.658
67.25	3.417	3.357	3.299	3.242	3.187	3.133	3.081	3.030	2.980	2.931	2.884	2.838	2.793	2.749	2.706	2.664
67.50	3.426	3.366	3.308	3.251	3.195	3.141	3.089	3.037	2.987	2.938	2.891	2.845	2.800	2.755	2.713	2.671
67.75	3.436	3.375	3.316	3.259	3.203	3.149	3.096	3.045	2.995	2.946	2.898	2.852	2.807	2.762	2.719	2.677
68.00	3.445	3.384	3.325	3.267	3.212	3.157	3.104	3.053	3.002	2.953	2.906	2.859	2.813	2.769	2.726	2.684
68.25	3.454	3.393	3.334	3.276	3.220	3.165	3.112	3.060	3.010	2.961	2.913	2.866	2.820	2.776	2.732	2.690
68.50	3.463	3.402	3.342	3.284	3.228	3.174	3.120	3.068	3.017	2.968	2.920	2.873	2.827	2.783	2.739	2.697
68.75	3.472	3.411	3.351	3.293	3.237	3.182	3.128	3.076	3.025	2.975	2.927	2.880	2.834	2.789	2.746	2.703
69.00	3.481	3.420	3.360	3.302	3.245	3.190	3.136	3.084	3.033	2.983	2.935	2.887	2.841	2.796	2.752	2.710
69.25	3.490	3.429	3.369	3.310	3.253	3.198	3.144	3.092	3.040	2.990	2.942	2.894	2.848	2.803	2.759	2.716
69.50	3.500	3.438	3.378	3.319	3.262	3.206	3.152	3.099	3.048	2.998	2.949	2.902	2.855	2.810	2.766	2.723
69.75	3.509	3.447	3.386	3.327	3.270	3.214	3.160	3.107	3.056	3.005	2.956	2.909	2.862	2.817	2.772	2.729

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE															
	638	640	642	644	646	648	650	652	654	656	658	660	662	664	666	668
70.00	3.518	3.456	3.395	3.336	3.278	3.223	3.168	3.115	3.063	3.013	2.964	2.916	2.869	2.824	2.779	2.736
70.25	3.527	3.465	3.404	3.345	3.287	3.231	3.176	3.123	3.071	3.020	2.971	2.923	2.876	2.830	2.786	2.743
70.50	3.537	3.474	3.413	3.353	3.295	3.239	3.184	3.131	3.079	3.028	2.979	2.930	2.883	2.837	2.793	2.749
70.75	3.546	3.483	3.422	3.362	3.304	3.248	3.192	3.139	3.086	3.036	2.986	2.938	2.890	2.844	2.799	2.756
71.00	3.555	3.492	3.431	3.371	3.312	3.256	3.201	3.147	3.094	3.043	2.993	2.945	2.898	2.851	2.806	2.762
71.25	3.565	3.501	3.440	3.379	3.321	3.264	3.209	3.155	3.102	3.051	3.001	2.952	2.905	2.858	2.813	2.769
71.50	3.574	3.511	3.449	3.388	3.330	3.273	3.217	3.163	3.110	3.058	3.008	2.959	2.912	2.865	2.820	2.776
71.75	3.584	3.520	3.458	3.397	3.338	3.281	3.225	3.171	3.118	3.066	3.016	2.967	2.919	2.872	2.827	2.783
72.00	3.593	3.529	3.467	3.406	3.347	3.289	3.233	3.179	3.125	3.074	3.023	2.974	2.926	2.879	2.834	2.789
72.25	3.603	3.538	3.476	3.415	3.355	3.298	3.242	3.187	3.133	3.081	3.031	2.981	2.933	2.886	2.841	2.796
72.50	3.612	3.548	3.485	3.423	3.364	3.306	3.250	3.195	3.141	3.089	3.038	2.989	2.941	2.893	2.847	2.803
72.75	3.622	3.557	3.494	3.432	3.373	3.315	3.258	3.203	3.149	3.097	3.046	2.996	2.948	2.900	2.854	2.810
73.00	3.631	3.566	3.503	3.441	3.381	3.323	3.266	3.211	3.157	3.105	3.054	3.004	2.955	2.907	2.861	2.816
73.25	3.641	3.576	3.512	3.450	3.390	3.332	3.275	3.219	3.165	3.112	3.061	3.011	2.962	2.915	2.868	2.823
73.50	3.651	3.585	3.521	3.459	3.399	3.340	3.283	3.227	3.173	3.120	3.069	3.018	2.970	2.922	2.875	2.830
73.75	3.660	3.594	3.531	3.468	3.408	3.349	3.291	3.236	3.181	3.128	3.076	3.026	2.977	2.929	2.882	2.837
74.00	3.670	3.604	3.540	3.477	3.416	3.357	3.300	3.244	3.189	3.136	3.084	3.033	2.984	2.936	2.889	2.844
74.25	3.680	3.613	3.549	3.486	3.425	3.366	3.308	3.252	3.197	3.144	3.092	3.041	2.992	2.943	2.896	2.850
74.50	3.689	3.623	3.558	3.495	3.434	3.375	3.317	3.260	3.205	3.151	3.099	3.048	2.999	2.950	2.903	2.857
74.75	3.699	3.632	3.568	3.504	3.443	3.383	3.325	3.268	3.213	3.159	3.107	3.056	3.006	2.958	2.910	2.864
75.00	3.709	3.642	3.577	3.513	3.452	3.392	3.334	3.277	3.221	3.167	3.115	3.064	3.014	2.965	2.917	2.871
75.25	3.719	3.651	3.586	3.522	3.461	3.401	3.342	3.285	3.229	3.175	3.123	3.071	3.021	2.972	2.924	2.878
75.50	3.728	3.661	3.596	3.532	3.470	3.409	3.351	3.293	3.237	3.183	3.130	3.079	3.028	2.979	2.932	2.885
75.75	3.738	3.671	3.605	3.541	3.479	3.418	3.359	3.302	3.246	3.191	3.138	3.086	3.036	2.987	2.939	2.892
76.00	3.748	3.680	3.614	3.550	3.488	3.427	3.368	3.310	3.254	3.199	3.146	3.094	3.043	2.994	2.946	2.899
76.25	3.758	3.690	3.624	3.559	3.497	3.436	3.376	3.318	3.262	3.207	3.154	3.102	3.051	3.001	2.953	2.906
76.50	3.768	3.700	3.633	3.568	3.506	3.445	3.385	3.327	3.270	3.215	3.162	3.109	3.058	3.009	2.960	2.913
76.75	3.778	3.709	3.643	3.578	3.515	3.453	3.393	3.335	3.278	3.223	3.169	3.117	3.066	3.016	2.967	2.920
77.00	3.788	3.719	3.652	3.587	3.524	3.462	3.402	3.344	3.287	3.231	3.177	3.125	3.073	3.023	2.975	2.927
77.25	3.798	3.729	3.662	3.596	3.533	3.471	3.411	3.352	3.295	3.239	3.185	3.132	3.081	3.031	2.982	2.934
77.50	3.808	3.739	3.671	3.606	3.542	3.480	3.419	3.361	3.303	3.247	3.193	3.140	3.089	3.038	2.989	2.941
77.75	3.818	3.748	3.681	3.615	3.551	3.489	3.428	3.369	3.312	3.256	3.201	3.148	3.096	3.046	2.996	2.948
78.00	3.828	3.758	3.691	3.624	3.560	3.498	3.437	3.378	3.320	3.264	3.209	3.156	3.104	3.053	3.004	2.956
78.25	3.838	3.768	3.700	3.634	3.569	3.507	3.446	3.386	3.328	3.272	3.217	3.164	3.111	3.060	3.011	2.963
78.50	3.848	3.778	3.710	3.643	3.579	3.516	3.454	3.395	3.337	3.280	3.225	3.171	3.119	3.068	3.018	2.970
78.75	3.859	3.788	3.720	3.653	3.588	3.525	3.463	3.403	3.345	3.288	3.233	3.179	3.127	3.075	3.025	2.977
79.00	3.869	3.798	3.729	3.662	3.597	3.534	3.472	3.412	3.353	3.296	3.241	3.187	3.134	3.083	3.033	2.984
79.25	3.879	3.808	3.739	3.672	3.606	3.543	3.481	3.421	3.362	3.305	3.249	3.195	3.142	3.090	3.040	2.991
79.50	3.889	3.818	3.749	3.681	3.616	3.552	3.490	3.429	3.370	3.313	3.257	3.203	3.150	3.098	3.048	2.999
79.75	3.900	3.828	3.759	3.691	3.625	3.561	3.499	3.438	3.379	3.321	3.265	3.211	3.158	3.106	3.055	3.006

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE															
	638	640	642	644	646	648	650	652	654	656	658	660	662	664	666	668
80.00	3.910	3.838	3.768	3.700	3.634	3.570	3.508	3.447	3.387	3.330	3.274	3.219	3.165	3.113	3.062	3.013
80.25	3.920	3.848	3.778	3.710	3.644	3.579	3.517	3.456	3.396	3.338	3.282	3.227	3.173	3.121	3.070	3.020
80.50	3.931	3.858	3.788	3.720	3.653	3.589	3.525	3.464	3.404	3.346	3.290	3.235	3.181	3.128	3.077	3.028
80.75	3.941	3.868	3.798	3.729	3.662	3.598	3.534	3.473	3.413	3.355	3.298	3.243	3.189	3.136	3.085	3.035
81.00	3.951	3.879	3.808	3.739	3.672	3.607	3.543	3.482	3.422	3.363	3.306	3.251	3.197	3.144	3.092	3.042
81.25	3.962	3.889	3.818	3.749	3.681	3.616	3.552	3.491	3.430	3.371	3.314	3.259	3.204	3.151	3.100	3.050
81.50	3.972	3.899	3.828	3.758	3.691	3.625	3.562	3.500	3.439	3.380	3.323	3.267	3.212	3.159	3.107	3.057
81.75	3.983	3.909	3.838	3.768	3.700	3.635	3.571	3.508	3.447	3.388	3.331	3.275	3.220	3.167	3.115	3.064
82.00	3.993	3.919	3.848	3.778	3.710	3.644	3.580	3.517	3.456	3.397	3.339	3.283	3.228	3.175	3.122	3.072
82.25	4.004	3.930	3.858	3.788	3.720	3.653	3.589	3.526	3.465	3.405	3.348	3.291	3.236	3.182	3.130	3.079
82.50	4.014	3.940	3.868	3.797	3.729	3.663	3.598	3.535	3.474	3.414	3.356	3.299	3.244	3.190	3.138	3.087
82.75	4.025	3.950	3.878	3.807	3.739	3.672	3.607	3.544	3.482	3.422	3.364	3.307	3.252	3.198	3.145	3.094
83.00	4.036	3.961	3.888	3.817	3.748	3.682	3.616	3.553	3.491	3.431	3.373	3.315	3.260	3.206	3.153	3.102
83.25	4.046	3.971	3.898	3.827	3.758	3.691	3.626	3.562	3.500	3.440	3.381	3.324	3.268	3.213	3.161	3.109
83.50	4.057	3.982	3.908	3.837	3.768	3.701	3.635	3.571	3.509	3.448	3.389	3.332	3.276	3.221	3.168	3.117
83.75	4.068	3.992	3.919	3.847	3.777	3.710	3.644	3.580	3.518	3.457	3.398	3.340	3.284	3.229	3.176	3.124
84.00	4.078	4.003	3.929	3.857	3.787	3.720	3.653	3.589	3.526	3.465	3.406	3.348	3.292	3.237	3.184	3.132
84.25	4.089	4.013	3.939	3.867	3.797	3.729	3.663	3.598	3.535	3.474	3.415	3.357	3.300	3.245	3.191	3.139
84.50	4.100	4.024	3.949	3.877	3.807	3.739	3.672	3.607	3.544	3.483	3.423	3.365	3.308	3.253	3.199	3.147
84.75	4.111	4.034	3.960	3.887	3.817	3.748	3.681	3.617	3.553	3.492	3.432	3.373	3.316	3.261	3.207	3.154
85.00	4.122	4.045	3.970	3.897	3.826	3.758	3.691	3.626	3.562	3.500	3.440	3.382	3.325	3.269	3.215	3.162
85.25	4.133	4.055	3.980	3.907	3.836	3.767	3.700	3.635	3.571	3.509	3.449	3.390	3.333	3.277	3.223	3.170
85.50	4.144	4.066	3.991	3.917	3.846	3.777	3.710	3.644	3.580	3.518	3.457	3.398	3.341	3.285	3.230	3.177
85.75	4.155	4.077	4.001	3.928	3.856	3.787	3.719	3.653	3.589	3.527	3.466	3.407	3.349	3.293	3.238	3.185
86.00	4.166	4.087	4.012	3.938	3.866	3.796	3.728	3.663	3.598	3.535	3.475	3.415	3.357	3.301	3.246	3.193
86.25	4.176	4.098	4.022	3.948	3.876	3.806	3.738	3.672	3.607	3.544	3.483	3.424	3.366	3.309	3.254	3.200
86.50	4.188	4.109	4.033	3.958	3.886	3.816	3.748	3.681	3.616	3.553	3.492	3.432	3.374	3.317	3.262	3.208
86.75	4.199	4.120	4.043	3.968	3.896	3.826	3.757	3.690	3.625	3.562	3.501	3.441	3.382	3.325	3.270	3.216
87.00	4.210	4.131	4.054	3.979	3.906	3.836	3.767	3.700	3.634	3.571	3.509	3.449	3.391	3.333	3.278	3.224
87.25	4.221	4.141	4.064	3.989	3.916	3.845	3.776	3.709	3.644	3.580	3.518	3.458	3.399	3.341	3.286	3.231
87.50	4.232	4.152	4.075	3.999	3.926	3.855	3.786	3.719	3.653	3.589	3.527	3.466	3.407	3.350	3.294	3.239
87.75	4.243	4.163	4.086	4.010	3.936	3.865	3.795	3.728	3.662	3.598	3.536	3.475	3.416	3.358	3.302	3.247
88.00	4.254	4.174	4.096	4.020	3.946	3.875	3.805	3.737	3.671	3.607	3.544	3.483	3.424	3.366	3.310	3.255
88.25	4.266	4.185	4.107	4.031	3.957	3.885	3.815	3.747	3.680	3.616	3.553	3.492	3.432	3.374	3.318	3.263
88.50	4.277	4.196	4.118	4.041	3.967	3.895	3.825	3.756	3.690	3.625	3.562	3.501	3.441	3.382	3.326	3.271
88.75	4.288	4.207	4.128	4.052	3.977	3.905	3.834	3.766	3.699	3.634	3.571	3.509	3.449	3.391	3.334	3.279
89.00	4.300	4.218	4.139	4.062	3.987	3.915	3.844	3.775	3.708	3.643	3.580	3.518	3.458	3.399	3.342	3.286
89.25	4.311	4.229	4.150	4.073	3.998	3.925	3.854	3.785	3.718	3.652	3.589	3.527	3.466	3.407	3.350	3.294
89.50	4.322	4.240	4.161	4.083	4.008	3.935	3.864	3.795	3.727	3.661	3.598	3.535	3.475	3.416	3.358	3.302
89.75	4.334	4.251	4.172	4.094	4.018	3.945	3.874	3.804	3.736	3.670	3.607	3.544	3.483	3.424	3.366	3.310

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000															
TEMP	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE														
DEG C	638	640	642	644	646	648	650	652	654	656	658	660	662	664	666
90.00	4.345	4.263	4.183	4.104	4.029	3.955	3.883	3.814	3.746	3.680	3.616	3.553	3.492	3.432	3.375
															668
															3.318

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE														
	670	672	674	676	678	680	682	684	686	688	690	692	694	696	700
-30.00	1.032	1.022	1.012	1.002	0.993	0.983	0.974	0.965	0.956	0.947	0.939	0.930	0.922	0.914	0.898
-29.75	1.035	1.024	1.014	1.005	0.995	0.986	0.976	0.967	0.958	0.950	0.941	0.932	0.924	0.916	0.900
-29.50	1.037	1.027	1.017	1.007	0.997	0.988	0.979	0.969	0.961	0.952	0.943	0.935	0.926	0.918	0.902
-29.25	1.040	1.029	1.019	1.009	1.000	0.990	0.981	0.972	0.963	0.954	0.945	0.937	0.928	0.920	0.904
-29.00	1.042	1.032	1.022	1.012	1.002	0.993	0.983	0.974	0.965	0.956	0.947	0.939	0.930	0.922	0.906
-28.75	1.045	1.034	1.024	1.014	1.004	0.995	0.985	0.976	0.967	0.958	0.949	0.941	0.932	0.924	0.908
-28.50	1.047	1.037	1.027	1.017	1.007	0.997	0.988	0.978	0.969	0.960	0.952	0.943	0.935	0.926	0.910
-28.25	1.050	1.039	1.029	1.019	1.009	1.000	0.990	0.981	0.972	0.963	0.954	0.945	0.937	0.928	0.912
-28.00	1.052	1.042	1.031	1.021	1.012	1.002	0.992	0.983	0.974	0.965	0.956	0.947	0.939	0.930	0.914
-27.75	1.055	1.044	1.034	1.024	1.014	1.004	0.995	0.985	0.976	0.967	0.958	0.949	0.941	0.932	0.916
-27.50	1.057	1.047	1.036	1.026	1.016	1.007	0.997	0.988	0.978	0.969	0.960	0.952	0.943	0.934	0.918
-27.25	1.060	1.049	1.039	1.029	1.019	1.009	0.999	0.990	0.981	0.971	0.962	0.954	0.945	0.937	0.920
-27.00	1.062	1.052	1.041	1.031	1.021	1.011	1.002	0.992	0.983	0.974	0.965	0.956	0.947	0.939	0.922
-26.75	1.065	1.054	1.044	1.033	1.023	1.014	1.004	0.994	0.985	0.976	0.967	0.958	0.949	0.941	0.924
-26.50	1.067	1.057	1.046	1.036	1.026	1.016	1.006	0.997	0.987	0.978	0.969	0.960	0.951	0.943	0.926
-26.25	1.070	1.059	1.049	1.038	1.028	1.018	1.009	0.999	0.990	0.980	0.971	0.962	0.954	0.945	0.928
-26.00	1.073	1.062	1.051	1.041	1.031	1.021	1.011	1.001	0.992	0.983	0.973	0.965	0.956	0.947	0.930
-25.75	1.075	1.064	1.054	1.043	1.033	1.023	1.013	1.004	0.994	0.985	0.976	0.967	0.958	0.949	0.932
-25.50	1.078	1.067	1.056	1.046	1.036	1.025	1.016	1.006	0.996	0.987	0.978	0.969	0.960	0.951	0.934
-25.25	1.080	1.069	1.059	1.048	1.038	1.028	1.018	1.008	0.999	0.989	0.980	0.971	0.962	0.953	0.936
-25.00	1.083	1.072	1.061	1.051	1.040	1.030	1.020	1.011	1.001	0.992	0.982	0.973	0.964	0.956	0.938
-24.75	1.085	1.074	1.064	1.053	1.043	1.033	1.023	1.013	1.003	0.994	0.985	0.975	0.966	0.958	0.941
-24.50	1.088	1.077	1.066	1.056	1.045	1.035	1.025	1.015	1.006	0.996	0.987	0.978	0.969	0.960	0.943
-24.25	1.091	1.080	1.069	1.058	1.048	1.037	1.027	1.018	1.008	0.998	0.989	0.980	0.971	0.962	0.945
-24.00	1.093	1.082	1.071	1.061	1.050	1.040	1.030	1.020	1.010	1.001	0.991	0.982	0.973	0.964	0.947
-23.75	1.096	1.085	1.074	1.063	1.053	1.042	1.032	1.022	1.012	1.003	0.993	0.984	0.975	0.966	0.949
-23.50	1.099	1.087	1.076	1.066	1.055	1.045	1.035	1.025	1.015	1.005	0.996	0.986	0.977	0.968	0.951
-23.25	1.101	1.090	1.079	1.068	1.058	1.047	1.037	1.027	1.017	1.007	0.998	0.989	0.980	0.971	0.953
-23.00	1.104	1.093	1.082	1.071	1.060	1.050	1.039	1.029	1.019	1.010	1.000	0.991	0.982	0.973	0.955
-22.75	1.106	1.095	1.084	1.073	1.063	1.052	1.042	1.032	1.022	1.012	1.003	0.993	0.984	0.975	0.957
-22.50	1.109	1.098	1.087	1.076	1.065	1.055	1.044	1.034	1.024	1.014	1.005	0.995	0.986	0.977	0.959
-22.25	1.112	1.100	1.089	1.078	1.068	1.057	1.047	1.036	1.026	1.017	1.007	0.998	0.988	0.979	0.962
-22.00	1.114	1.103	1.092	1.081	1.070	1.059	1.049	1.039	1.029	1.019	1.009	1.000	0.991	0.981	0.964
-21.75	1.117	1.106	1.094	1.083	1.073	1.062	1.052	1.041	1.031	1.021	1.012	1.002	0.993	0.984	0.966
-21.50	1.120	1.108	1.097	1.086	1.075	1.064	1.054	1.044	1.034	1.024	1.014	1.004	0.995	0.986	0.968
-21.25	1.123	1.111	1.100	1.088	1.078	1.067	1.056	1.046	1.036	1.026	1.016	1.007	0.997	0.988	0.970
-21.00	1.125	1.114	1.102	1.091	1.080	1.069	1.059	1.048	1.038	1.028	1.019	1.009	0.999	0.990	0.972
-20.75	1.128	1.116	1.105	1.094	1.083	1.072	1.061	1.051	1.041	1.031	1.021	1.011	1.002	0.992	0.974
-20.50	1.131	1.119	1.107	1.096	1.085	1.074	1.064	1.053	1.043	1.033	1.023	1.013	1.004	0.995	0.976
-20.25	1.133	1.122	1.110	1.099	1.088	1.077	1.066	1.056	1.045	1.035	1.025	1.016	1.006	0.997	0.979

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE														
	670	672	674	676	678	680	682	684	686	688	690	692	694	696	700
-20.00	1.136	1.124	1.113	1.101	1.090	1.079	1.069	1.058	1.048	1.038	1.028	1.018	1.008	0.999	0.981
-19.75	1.139	1.127	1.115	1.104	1.093	1.082	1.071	1.061	1.050	1.040	1.030	1.020	1.011	1.001	0.983
-19.50	1.142	1.130	1.118	1.107	1.095	1.084	1.074	1.063	1.053	1.042	1.032	1.023	1.013	1.003	0.985
-19.25	1.144	1.132	1.121	1.109	1.098	1.087	1.076	1.065	1.055	1.045	1.035	1.025	1.015	1.006	0.987
-19.00	1.147	1.135	1.123	1.112	1.101	1.089	1.079	1.068	1.057	1.047	1.037	1.027	1.018	1.008	0.989
-18.75	1.150	1.138	1.126	1.114	1.103	1.092	1.081	1.070	1.060	1.050	1.040	1.030	1.020	1.010	0.992
-18.50	1.153	1.140	1.129	1.117	1.106	1.095	1.084	1.073	1.062	1.052	1.042	1.032	1.022	1.012	0.994
-18.25	1.155	1.143	1.131	1.120	1.108	1.097	1.086	1.075	1.065	1.054	1.044	1.034	1.024	1.015	0.996
-18.00	1.158	1.146	1.134	1.122	1.111	1.100	1.089	1.078	1.067	1.057	1.047	1.037	1.027	1.017	0.998
-17.75	1.161	1.149	1.137	1.125	1.114	1.102	1.091	1.080	1.070	1.059	1.049	1.039	1.029	1.019	1.000
-17.50	1.164	1.151	1.139	1.128	1.116	1.105	1.094	1.083	1.072	1.062	1.051	1.041	1.031	1.022	1.003
-17.25	1.166	1.154	1.142	1.130	1.119	1.107	1.096	1.085	1.075	1.064	1.054	1.044	1.034	1.024	1.005
-17.00	1.169	1.157	1.145	1.133	1.121	1.110	1.099	1.088	1.077	1.067	1.056	1.046	1.036	1.026	1.007
-16.75	1.172	1.160	1.148	1.136	1.124	1.113	1.101	1.090	1.080	1.069	1.058	1.048	1.038	1.028	1.009
-16.50	1.175	1.162	1.150	1.138	1.127	1.115	1.104	1.093	1.082	1.071	1.061	1.051	1.041	1.031	1.011
-16.25	1.178	1.165	1.153	1.141	1.129	1.118	1.106	1.095	1.084	1.074	1.063	1.053	1.043	1.033	1.014
-16.00	1.180	1.168	1.156	1.144	1.132	1.120	1.109	1.098	1.087	1.076	1.066	1.055	1.045	1.035	1.016
-15.75	1.183	1.171	1.158	1.146	1.135	1.123	1.112	1.100	1.089	1.079	1.068	1.058	1.048	1.038	1.018
-15.50	1.186	1.174	1.161	1.149	1.137	1.126	1.114	1.103	1.092	1.081	1.071	1.060	1.050	1.040	1.020
-15.25	1.189	1.176	1.164	1.152	1.140	1.128	1.117	1.105	1.094	1.084	1.073	1.063	1.052	1.042	1.023
-15.00	1.192	1.179	1.167	1.155	1.143	1.131	1.119	1.108	1.097	1.086	1.075	1.065	1.055	1.045	1.025
-14.75	1.195	1.182	1.170	1.157	1.145	1.133	1.122	1.111	1.099	1.089	1.078	1.067	1.057	1.047	1.027
-14.50	1.198	1.185	1.172	1.160	1.148	1.136	1.125	1.113	1.102	1.091	1.080	1.070	1.059	1.049	1.029
-14.25	1.200	1.188	1.175	1.163	1.151	1.139	1.127	1.116	1.105	1.094	1.083	1.072	1.062	1.052	1.032
-14.00	1.203	1.191	1.178	1.165	1.153	1.141	1.130	1.118	1.107	1.096	1.085	1.075	1.064	1.054	1.034
-13.75	1.206	1.193	1.181	1.168	1.156	1.144	1.132	1.121	1.110	1.099	1.088	1.077	1.066	1.056	1.036
-13.50	1.209	1.196	1.183	1.171	1.159	1.147	1.135	1.123	1.112	1.101	1.090	1.079	1.069	1.059	1.039
-13.25	1.212	1.199	1.186	1.174	1.162	1.149	1.138	1.126	1.115	1.104	1.093	1.082	1.071	1.061	1.041
-13.00	1.215	1.202	1.189	1.177	1.164	1.152	1.140	1.129	1.117	1.106	1.095	1.084	1.074	1.063	1.043
-12.75	1.218	1.205	1.192	1.179	1.167	1.155	1.143	1.131	1.120	1.109	1.098	1.087	1.076	1.066	1.045
-12.50	1.221	1.208	1.195	1.182	1.170	1.158	1.146	1.134	1.122	1.111	1.100	1.089	1.079	1.068	1.048
-12.25	1.224	1.211	1.198	1.185	1.172	1.160	1.148	1.136	1.125	1.114	1.103	1.092	1.081	1.070	1.050
-12.00	1.227	1.213	1.200	1.188	1.175	1.163	1.151	1.139	1.128	1.116	1.105	1.094	1.083	1.073	1.052
-11.75	1.230	1.216	1.203	1.190	1.178	1.166	1.154	1.142	1.130	1.119	1.108	1.097	1.086	1.075	1.055
-11.50	1.233	1.219	1.206	1.193	1.181	1.168	1.156	1.144	1.133	1.121	1.110	1.099	1.088	1.078	1.057
-11.25	1.236	1.222	1.209	1.196	1.183	1.171	1.159	1.147	1.135	1.124	1.113	1.102	1.091	1.080	1.059
-11.00	1.238	1.225	1.212	1.199	1.186	1.174	1.162	1.150	1.138	1.126	1.115	1.104	1.093	1.082	1.062
-10.75	1.241	1.228	1.215	1.202	1.189	1.177	1.164	1.152	1.141	1.129	1.118	1.107	1.096	1.085	1.064
-10.50	1.244	1.231	1.218	1.205	1.192	1.179	1.167	1.155	1.143	1.132	1.120	1.109	1.098	1.087	1.066
-10.25	1.247	1.234	1.220	1.207	1.195	1.182	1.170	1.158	1.146	1.134	1.123	1.111	1.100	1.090	1.069

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE															
	670	672	674	676	678	680	682	684	686	688	690	692	694	696	698	700
-10.00	1.250	1.237	1.223	1.210	1.197	1.185	1.172	1.160	1.148	1.137	1.125	1.114	1.103	1.092	1.081	1.071
-9.75	1.253	1.240	1.226	1.213	1.200	1.188	1.175	1.163	1.151	1.139	1.128	1.117	1.105	1.095	1.084	1.073
-9.50	1.256	1.243	1.229	1.216	1.203	1.190	1.178	1.166	1.154	1.142	1.130	1.119	1.108	1.097	1.086	1.076
-9.25	1.259	1.246	1.232	1.219	1.206	1.193	1.181	1.168	1.156	1.145	1.133	1.122	1.110	1.099	1.089	1.078
-9.00	1.262	1.249	1.235	1.222	1.209	1.196	1.183	1.171	1.159	1.147	1.135	1.124	1.113	1.102	1.091	1.080
-8.75	1.266	1.252	1.238	1.225	1.212	1.199	1.186	1.174	1.162	1.150	1.138	1.127	1.115	1.104	1.094	1.083
-8.50	1.269	1.255	1.241	1.227	1.214	1.201	1.189	1.176	1.164	1.152	1.141	1.129	1.118	1.107	1.096	1.085
-8.25	1.272	1.258	1.244	1.230	1.217	1.204	1.192	1.179	1.167	1.155	1.143	1.132	1.120	1.109	1.098	1.088
-8.00	1.275	1.261	1.247	1.233	1.220	1.207	1.194	1.182	1.170	1.158	1.146	1.134	1.123	1.112	1.101	1.090
-7.75	1.278	1.264	1.250	1.236	1.223	1.210	1.197	1.185	1.172	1.160	1.148	1.137	1.125	1.114	1.103	1.092
-7.50	1.281	1.267	1.253	1.239	1.226	1.213	1.200	1.187	1.175	1.163	1.151	1.139	1.128	1.117	1.106	1.095
-7.25	1.284	1.270	1.256	1.242	1.229	1.216	1.203	1.190	1.178	1.166	1.154	1.142	1.130	1.119	1.108	1.097
-7.00	1.287	1.273	1.259	1.245	1.232	1.218	1.205	1.193	1.180	1.168	1.156	1.145	1.133	1.122	1.111	1.100
-6.75	1.290	1.276	1.262	1.248	1.234	1.221	1.208	1.196	1.183	1.171	1.159	1.147	1.135	1.124	1.113	1.102
-6.50	1.293	1.279	1.265	1.251	1.237	1.224	1.211	1.198	1.186	1.174	1.161	1.150	1.138	1.127	1.116	1.105
-6.25	1.296	1.282	1.268	1.254	1.240	1.227	1.214	1.201	1.188	1.176	1.164	1.152	1.141	1.129	1.118	1.107
-6.00	1.299	1.285	1.271	1.257	1.243	1.230	1.217	1.204	1.191	1.179	1.167	1.155	1.143	1.132	1.120	1.109
-5.75	1.302	1.288	1.274	1.260	1.246	1.233	1.220	1.207	1.194	1.182	1.169	1.157	1.146	1.134	1.123	1.112
-5.50	1.306	1.291	1.277	1.263	1.249	1.236	1.222	1.209	1.197	1.184	1.172	1.160	1.148	1.137	1.125	1.114
-5.25	1.309	1.294	1.280	1.266	1.252	1.238	1.225	1.212	1.199	1.187	1.175	1.163	1.151	1.139	1.128	1.117
-5.00	1.312	1.297	1.283	1.269	1.255	1.241	1.228	1.215	1.202	1.190	1.177	1.165	1.153	1.142	1.130	1.119
-4.75	1.315	1.300	1.286	1.272	1.258	1.244	1.231	1.218	1.205	1.192	1.180	1.168	1.156	1.144	1.133	1.122
-4.50	1.318	1.303	1.289	1.275	1.261	1.247	1.234	1.221	1.208	1.195	1.183	1.171	1.159	1.147	1.135	1.124
-4.25	1.321	1.307	1.292	1.278	1.264	1.250	1.237	1.223	1.210	1.198	1.185	1.173	1.161	1.149	1.138	1.127
-4.00	1.325	1.310	1.295	1.281	1.267	1.253	1.239	1.226	1.213	1.201	1.188	1.176	1.164	1.152	1.140	1.129
-3.75	1.328	1.313	1.298	1.284	1.270	1.256	1.242	1.229	1.216	1.203	1.191	1.179	1.166	1.155	1.143	1.132
-3.50	1.331	1.316	1.301	1.287	1.273	1.259	1.245	1.232	1.219	1.206	1.193	1.181	1.169	1.157	1.146	1.134
-3.25	1.334	1.319	1.304	1.290	1.276	1.262	1.248	1.235	1.222	1.209	1.196	1.184	1.172	1.160	1.148	1.137
-3.00	1.337	1.322	1.307	1.293	1.279	1.265	1.251	1.238	1.224	1.212	1.199	1.186	1.174	1.162	1.151	1.139
-2.75	1.340	1.325	1.310	1.296	1.282	1.268	1.254	1.240	1.227	1.214	1.202	1.189	1.177	1.165	1.153	1.142
-2.50	1.344	1.328	1.314	1.299	1.285	1.271	1.257	1.243	1.230	1.217	1.204	1.192	1.180	1.168	1.156	1.144
-2.25	1.347	1.332	1.317	1.302	1.288	1.274	1.260	1.246	1.233	1.220	1.207	1.195	1.182	1.170	1.158	1.147
-2.00	1.350	1.335	1.320	1.305	1.291	1.276	1.263	1.249	1.236	1.223	1.210	1.197	1.185	1.173	1.161	1.149
-1.75	1.353	1.338	1.323	1.308	1.294	1.279	1.266	1.252	1.239	1.225	1.213	1.200	1.187	1.175	1.163	1.152
-1.50	1.357	1.341	1.326	1.311	1.297	1.282	1.269	1.255	1.241	1.228	1.215	1.203	1.190	1.178	1.166	1.154
-1.25	1.360	1.344	1.329	1.314	1.300	1.285	1.271	1.258	1.244	1.231	1.218	1.205	1.193	1.181	1.169	1.157
-1.00	1.363	1.348	1.332	1.317	1.303	1.288	1.274	1.261	1.247	1.234	1.221	1.208	1.195	1.183	1.171	1.159
-0.75	1.366	1.351	1.336	1.321	1.306	1.291	1.277	1.263	1.250	1.237	1.224	1.211	1.198	1.186	1.174	1.162
-0.50	1.370	1.354	1.339	1.324	1.309	1.294	1.280	1.266	1.253	1.239	1.226	1.214	1.201	1.188	1.176	1.164
-0.25	1.373	1.357	1.342	1.327	1.312	1.297	1.283	1.269	1.256	1.242	1.229	1.216	1.204	1.191	1.179	1.167

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE															
	670	672	674	676	678	680	682	684	686	688	690	692	694	696	698	700
0.00	1.376	1.361	1.345	1.330	1.315	1.301	1.286	1.272	1.259	1.245	1.232	1.219	1.206	1.194	1.182	1.170
0.25	1.380	1.364	1.348	1.333	1.318	1.304	1.289	1.275	1.261	1.248	1.235	1.222	1.209	1.196	1.184	1.172
0.50	1.383	1.367	1.351	1.336	1.321	1.307	1.292	1.278	1.264	1.251	1.237	1.224	1.212	1.199	1.187	1.175
0.75	1.386	1.370	1.355	1.339	1.324	1.310	1.295	1.281	1.267	1.254	1.240	1.227	1.214	1.202	1.189	1.177
1.00	1.390	1.374	1.358	1.342	1.327	1.313	1.298	1.284	1.270	1.257	1.243	1.230	1.217	1.204	1.192	1.180
1.25	1.393	1.377	1.361	1.346	1.331	1.316	1.301	1.287	1.273	1.259	1.246	1.233	1.220	1.207	1.195	1.183
1.50	1.396	1.380	1.364	1.349	1.334	1.319	1.304	1.290	1.276	1.262	1.249	1.236	1.223	1.210	1.197	1.185
1.75	1.400	1.383	1.368	1.352	1.337	1.322	1.307	1.293	1.279	1.265	1.252	1.238	1.225	1.213	1.200	1.188
2.00	1.403	1.387	1.371	1.355	1.340	1.325	1.310	1.296	1.282	1.268	1.254	1.241	1.228	1.215	1.203	1.190
2.25	1.406	1.390	1.374	1.358	1.343	1.328	1.313	1.299	1.285	1.271	1.257	1.244	1.231	1.218	1.205	1.193
2.50	1.410	1.393	1.377	1.362	1.346	1.331	1.316	1.302	1.288	1.274	1.260	1.247	1.234	1.221	1.208	1.196
2.75	1.413	1.397	1.381	1.365	1.349	1.334	1.319	1.305	1.291	1.277	1.263	1.250	1.236	1.223	1.211	1.198
3.00	1.417	1.400	1.384	1.368	1.353	1.337	1.323	1.308	1.294	1.280	1.266	1.252	1.239	1.226	1.213	1.201
3.25	1.420	1.403	1.387	1.371	1.356	1.340	1.326	1.311	1.297	1.283	1.269	1.255	1.242	1.229	1.216	1.204
3.50	1.423	1.407	1.390	1.375	1.359	1.344	1.329	1.314	1.300	1.285	1.272	1.258	1.245	1.232	1.219	1.206
3.75	1.427	1.410	1.394	1.378	1.362	1.347	1.332	1.317	1.303	1.288	1.274	1.261	1.247	1.234	1.222	1.209
4.00	1.430	1.413	1.397	1.381	1.365	1.350	1.335	1.320	1.305	1.291	1.277	1.264	1.250	1.237	1.224	1.212
4.25	1.434	1.417	1.400	1.384	1.369	1.353	1.338	1.323	1.308	1.294	1.280	1.267	1.253	1.240	1.227	1.214
4.50	1.437	1.420	1.404	1.388	1.372	1.356	1.341	1.326	1.311	1.297	1.283	1.269	1.256	1.243	1.230	1.217
4.75	1.440	1.424	1.407	1.391	1.375	1.359	1.344	1.329	1.315	1.300	1.286	1.272	1.259	1.245	1.232	1.220
5.00	1.444	1.427	1.410	1.394	1.378	1.363	1.347	1.332	1.318	1.303	1.289	1.275	1.261	1.248	1.235	1.222
5.25	1.447	1.430	1.414	1.397	1.381	1.366	1.350	1.335	1.321	1.306	1.292	1.278	1.264	1.251	1.238	1.225
5.50	1.451	1.434	1.417	1.401	1.385	1.369	1.354	1.338	1.324	1.309	1.295	1.281	1.267	1.254	1.241	1.228
5.75	1.454	1.437	1.420	1.404	1.388	1.372	1.357	1.341	1.327	1.312	1.298	1.284	1.270	1.257	1.243	1.230
6.00	1.458	1.441	1.424	1.407	1.391	1.375	1.360	1.345	1.330	1.315	1.301	1.287	1.273	1.259	1.246	1.233
6.25	1.461	1.444	1.427	1.411	1.394	1.379	1.363	1.348	1.333	1.318	1.304	1.290	1.276	1.262	1.249	1.236
6.50	1.465	1.448	1.431	1.414	1.398	1.382	1.366	1.351	1.336	1.321	1.307	1.292	1.279	1.265	1.252	1.239
6.75	1.468	1.451	1.434	1.417	1.401	1.385	1.369	1.354	1.339	1.324	1.310	1.295	1.281	1.268	1.254	1.241
7.00	1.472	1.454	1.437	1.421	1.404	1.388	1.372	1.357	1.342	1.327	1.313	1.298	1.284	1.271	1.257	1.244
7.25	1.475	1.458	1.441	1.424	1.408	1.391	1.376	1.360	1.345	1.330	1.316	1.301	1.287	1.273	1.260	1.247
7.50	1.479	1.461	1.444	1.427	1.411	1.395	1.379	1.363	1.348	1.333	1.318	1.304	1.290	1.276	1.263	1.249
7.75	1.483	1.465	1.448	1.431	1.414	1.398	1.382	1.366	1.351	1.336	1.321	1.307	1.293	1.279	1.266	1.252
8.00	1.486	1.468	1.451	1.434	1.417	1.401	1.385	1.370	1.354	1.339	1.324	1.310	1.296	1.282	1.268	1.255
8.25	1.490	1.472	1.454	1.437	1.421	1.404	1.388	1.373	1.357	1.342	1.327	1.313	1.299	1.285	1.271	1.258
8.50	1.493	1.475	1.458	1.441	1.424	1.408	1.392	1.376	1.360	1.345	1.330	1.316	1.302	1.288	1.274	1.261
8.75	1.497	1.479	1.461	1.444	1.427	1.411	1.395	1.379	1.364	1.348	1.334	1.319	1.305	1.291	1.277	1.263
9.00	1.500	1.482	1.465	1.448	1.431	1.414	1.398	1.382	1.367	1.351	1.337	1.322	1.307	1.293	1.280	1.266
9.25	1.504	1.486	1.468	1.451	1.434	1.418	1.401	1.385	1.370	1.355	1.340	1.325	1.310	1.296	1.282	1.269
9.50	1.508	1.490	1.472	1.454	1.438	1.421	1.405	1.389	1.373	1.358	1.343	1.328	1.313	1.299	1.285	1.272
9.75	1.511	1.493	1.475	1.458	1.441	1.424	1.408	1.392	1.376	1.361	1.346	1.331	1.316	1.302	1.288	1.274

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000
DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE

TEMP DEG C	670	672	674	676	678	680	682	684	686	688	690	692	694	696	698	700
10.00	1.515	1.497	1.479	1.461	1.444	1.428	1.411	1.395	1.379	1.364	1.349	1.334	1.319	1.305	1.291	1.277
10.25	1.519	1.500	1.482	1.465	1.448	1.431	1.414	1.398	1.382	1.367	1.352	1.337	1.322	1.308	1.294	1.280
10.50	1.522	1.504	1.486	1.468	1.451	1.434	1.418	1.401	1.386	1.370	1.355	1.340	1.325	1.311	1.297	1.283
10.75	1.526	1.507	1.489	1.472	1.455	1.438	1.421	1.405	1.389	1.373	1.358	1.343	1.328	1.314	1.300	1.286
11.00	1.529	1.511	1.493	1.475	1.458	1.441	1.424	1.408	1.392	1.376	1.361	1.346	1.331	1.317	1.303	1.289
11.25	1.533	1.515	1.496	1.479	1.461	1.444	1.428	1.411	1.395	1.379	1.364	1.349	1.334	1.320	1.305	1.291
11.50	1.537	1.518	1.500	1.482	1.465	1.448	1.431	1.414	1.398	1.383	1.367	1.352	1.337	1.323	1.308	1.294
11.75	1.541	1.522	1.504	1.486	1.468	1.451	1.434	1.418	1.402	1.386	1.370	1.355	1.340	1.325	1.311	1.297
12.00	1.544	1.526	1.507	1.489	1.472	1.454	1.438	1.421	1.405	1.389	1.373	1.358	1.343	1.328	1.314	1.300
12.25	1.548	1.529	1.511	1.493	1.475	1.458	1.441	1.424	1.408	1.392	1.376	1.361	1.346	1.331	1.317	1.303
12.50	1.552	1.533	1.514	1.496	1.479	1.461	1.444	1.428	1.411	1.395	1.380	1.364	1.349	1.334	1.320	1.306
12.75	1.555	1.536	1.518	1.500	1.482	1.465	1.448	1.431	1.414	1.398	1.383	1.367	1.352	1.337	1.323	1.309
13.00	1.559	1.540	1.521	1.503	1.486	1.468	1.451	1.434	1.418	1.402	1.386	1.370	1.355	1.340	1.326	1.311
13.25	1.563	1.544	1.525	1.507	1.489	1.471	1.454	1.437	1.421	1.405	1.389	1.373	1.358	1.343	1.329	1.314
13.50	1.567	1.547	1.529	1.510	1.492	1.475	1.458	1.441	1.424	1.408	1.392	1.377	1.361	1.346	1.332	1.317
13.75	1.570	1.551	1.532	1.514	1.496	1.478	1.461	1.444	1.427	1.411	1.395	1.380	1.364	1.349	1.335	1.320
14.00	1.574	1.555	1.536	1.518	1.499	1.482	1.464	1.447	1.431	1.414	1.398	1.383	1.367	1.352	1.338	1.323
14.25	1.578	1.559	1.540	1.521	1.503	1.485	1.468	1.451	1.434	1.418	1.402	1.386	1.370	1.355	1.341	1.326
14.50	1.582	1.562	1.543	1.525	1.507	1.489	1.471	1.454	1.437	1.421	1.405	1.389	1.374	1.358	1.344	1.329
14.75	1.586	1.566	1.547	1.528	1.510	1.492	1.475	1.457	1.441	1.424	1.408	1.392	1.377	1.361	1.346	1.332
15.00	1.589	1.570	1.551	1.532	1.514	1.496	1.478	1.461	1.444	1.427	1.411	1.395	1.380	1.364	1.349	1.335
15.25	1.593	1.574	1.554	1.536	1.517	1.499	1.481	1.464	1.447	1.431	1.414	1.398	1.383	1.367	1.352	1.338
15.50	1.597	1.577	1.558	1.539	1.521	1.503	1.485	1.468	1.451	1.434	1.418	1.402	1.386	1.370	1.355	1.341
15.75	1.601	1.581	1.562	1.543	1.524	1.506	1.488	1.471	1.454	1.437	1.421	1.405	1.389	1.374	1.358	1.344
16.00	1.605	1.585	1.565	1.546	1.528	1.510	1.492	1.474	1.457	1.440	1.424	1.408	1.392	1.377	1.361	1.347
16.25	1.608	1.589	1.569	1.550	1.531	1.513	1.495	1.478	1.461	1.444	1.427	1.411	1.395	1.380	1.364	1.350
16.50	1.612	1.592	1.573	1.554	1.535	1.517	1.499	1.481	1.464	1.447	1.430	1.414	1.398	1.383	1.368	1.353
16.75	1.616	1.596	1.577	1.557	1.539	1.520	1.502	1.485	1.467	1.450	1.434	1.417	1.401	1.386	1.371	1.356
17.00	1.620	1.600	1.580	1.561	1.542	1.524	1.506	1.488	1.471	1.454	1.437	1.421	1.405	1.389	1.374	1.358
17.25	1.624	1.604	1.584	1.565	1.546	1.527	1.509	1.491	1.474	1.457	1.440	1.424	1.408	1.392	1.377	1.361
17.50	1.628	1.608	1.588	1.568	1.549	1.531	1.513	1.495	1.477	1.460	1.443	1.427	1.411	1.395	1.380	1.364
17.75	1.632	1.612	1.592	1.572	1.553	1.534	1.516	1.498	1.481	1.464	1.447	1.430	1.414	1.398	1.383	1.367
18.00	1.636	1.615	1.595	1.576	1.557	1.538	1.520	1.502	1.484	1.467	1.450	1.434	1.417	1.401	1.386	1.371
18.25	1.640	1.619	1.599	1.580	1.560	1.542	1.523	1.505	1.488	1.470	1.453	1.437	1.420	1.404	1.389	1.374
18.50	1.644	1.623	1.603	1.583	1.564	1.545	1.527	1.509	1.491	1.474	1.457	1.440	1.424	1.408	1.392	1.377
18.75	1.648	1.627	1.607	1.587	1.568	1.549	1.530	1.512	1.494	1.477	1.460	1.443	1.427	1.411	1.395	1.380
19.00	1.651	1.631	1.611	1.591	1.571	1.552	1.534	1.516	1.498	1.480	1.463	1.446	1.430	1.414	1.398	1.383
19.25	1.655	1.635	1.614	1.595	1.575	1.556	1.537	1.519	1.501	1.484	1.467	1.450	1.433	1.417	1.401	1.386
19.50	1.659	1.639	1.618	1.598	1.579	1.560	1.541	1.523	1.505	1.487	1.470	1.453	1.436	1.420	1.404	1.389
19.75	1.663	1.643	1.622	1.602	1.583	1.563	1.545	1.526	1.508	1.491	1.473	1.456	1.440	1.423	1.407	1.392

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE														
	670	672	674	676	678	680	682	684	686	688	690	692	694	696	700
20.00	1.667	1.646	1.626	1.606	1.586	1.567	1.548	1.530	1.512	1.494	1.477	1.460	1.443	1.427	1.395
20.25	1.671	1.650	1.630	1.610	1.590	1.571	1.552	1.533	1.515	1.497	1.480	1.463	1.446	1.430	1.398
20.50	1.675	1.654	1.634	1.613	1.594	1.574	1.555	1.537	1.519	1.501	1.483	1.466	1.449	1.433	1.401
20.75	1.679	1.658	1.637	1.617	1.597	1.578	1.559	1.540	1.522	1.504	1.487	1.469	1.453	1.436	1.404
21.00	1.683	1.662	1.641	1.621	1.601	1.582	1.563	1.544	1.525	1.508	1.490	1.473	1.456	1.439	1.407
21.25	1.688	1.666	1.645	1.625	1.605	1.585	1.566	1.547	1.529	1.511	1.493	1.476	1.459	1.442	1.410
21.50	1.692	1.670	1.649	1.629	1.609	1.589	1.570	1.551	1.532	1.514	1.497	1.479	1.462	1.446	1.413
21.75	1.696	1.674	1.653	1.633	1.612	1.593	1.573	1.555	1.536	1.518	1.500	1.483	1.466	1.449	1.417
22.00	1.700	1.678	1.657	1.636	1.616	1.596	1.577	1.558	1.540	1.521	1.504	1.486	1.469	1.452	1.420
22.25	1.704	1.682	1.661	1.640	1.620	1.600	1.581	1.562	1.543	1.525	1.507	1.489	1.472	1.455	1.423
22.50	1.708	1.686	1.665	1.644	1.624	1.604	1.584	1.565	1.547	1.528	1.510	1.493	1.476	1.459	1.426
22.75	1.712	1.690	1.669	1.648	1.628	1.608	1.588	1.569	1.550	1.532	1.514	1.496	1.479	1.462	1.429
23.00	1.716	1.694	1.673	1.652	1.631	1.611	1.592	1.573	1.554	1.535	1.517	1.500	1.482	1.465	1.432
23.25	1.720	1.698	1.677	1.656	1.635	1.615	1.595	1.576	1.557	1.539	1.521	1.503	1.485	1.468	1.435
23.50	1.724	1.702	1.681	1.660	1.639	1.619	1.599	1.580	1.561	1.542	1.524	1.506	1.489	1.472	1.439
23.75	1.728	1.706	1.685	1.664	1.643	1.623	1.603	1.583	1.564	1.546	1.528	1.510	1.492	1.475	1.442
24.00	1.733	1.710	1.689	1.668	1.647	1.626	1.607	1.587	1.568	1.549	1.531	1.513	1.495	1.478	1.445
24.25	1.737	1.715	1.693	1.671	1.651	1.630	1.610	1.591	1.572	1.553	1.534	1.517	1.499	1.482	1.448
24.50	1.741	1.719	1.697	1.675	1.655	1.634	1.614	1.594	1.575	1.556	1.538	1.520	1.502	1.485	1.451
24.75	1.745	1.723	1.701	1.679	1.658	1.638	1.618	1.598	1.579	1.560	1.541	1.523	1.506	1.488	1.454
25.00	1.749	1.727	1.705	1.683	1.662	1.642	1.622	1.602	1.582	1.564	1.545	1.527	1.509	1.491	1.458
25.25	1.754	1.731	1.709	1.687	1.666	1.646	1.625	1.605	1.586	1.567	1.548	1.530	1.512	1.495	1.461
25.50	1.758	1.735	1.713	1.691	1.670	1.649	1.629	1.609	1.590	1.571	1.552	1.534	1.516	1.498	1.464
25.75	1.762	1.739	1.717	1.695	1.674	1.653	1.633	1.613	1.593	1.574	1.555	1.537	1.519	1.501	1.467
26.00	1.766	1.743	1.721	1.699	1.678	1.657	1.637	1.617	1.597	1.578	1.559	1.541	1.522	1.505	1.471
26.25	1.770	1.748	1.725	1.703	1.682	1.661	1.640	1.620	1.601	1.581	1.563	1.544	1.526	1.508	1.474
26.50	1.775	1.752	1.729	1.707	1.686	1.665	1.644	1.624	1.604	1.585	1.566	1.548	1.529	1.512	1.477
26.75	1.779	1.756	1.733	1.711	1.690	1.669	1.648	1.628	1.608	1.589	1.570	1.551	1.533	1.515	1.480
27.00	1.783	1.760	1.737	1.715	1.694	1.673	1.652	1.632	1.612	1.592	1.573	1.555	1.536	1.518	1.484
27.25	1.787	1.764	1.742	1.719	1.698	1.676	1.656	1.635	1.615	1.596	1.577	1.558	1.540	1.522	1.487
27.50	1.792	1.769	1.746	1.723	1.702	1.680	1.660	1.639	1.619	1.600	1.580	1.562	1.543	1.525	1.490
27.75	1.796	1.773	1.750	1.728	1.706	1.684	1.663	1.643	1.623	1.603	1.584	1.565	1.547	1.528	1.493
28.00	1.800	1.777	1.754	1.732	1.710	1.688	1.667	1.647	1.626	1.607	1.587	1.569	1.550	1.532	1.497
28.25	1.805	1.781	1.758	1.736	1.714	1.692	1.671	1.650	1.630	1.610	1.591	1.572	1.553	1.535	1.500
28.50	1.809	1.785	1.762	1.740	1.718	1.696	1.675	1.654	1.634	1.614	1.595	1.576	1.557	1.539	1.503
28.75	1.813	1.790	1.767	1.744	1.722	1.700	1.679	1.658	1.638	1.618	1.598	1.579	1.560	1.542	1.507
29.00	1.818	1.794	1.771	1.748	1.726	1.704	1.683	1.662	1.641	1.622	1.602	1.583	1.564	1.546	1.510
29.25	1.822	1.798	1.775	1.752	1.730	1.708	1.687	1.666	1.645	1.625	1.606	1.586	1.567	1.549	1.513
29.50	1.826	1.803	1.779	1.756	1.734	1.712	1.691	1.670	1.649	1.629	1.609	1.590	1.571	1.552	1.517
29.75	1.831	1.807	1.783	1.760	1.738	1.716	1.695	1.673	1.653	1.633	1.613	1.594	1.574	1.556	1.520

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE														
	670	672	674	676	678	680	682	684	686	688	690	692	694	696	700
30.00	1.835	1.811	1.788	1.765	1.742	1.720	1.698	1.677	1.657	1.636	1.617	1.597	1.578	1.559	1.523
30.25	1.840	1.816	1.792	1.769	1.746	1.724	1.702	1.681	1.660	1.640	1.620	1.601	1.582	1.563	1.527
30.50	1.844	1.820	1.796	1.773	1.750	1.728	1.706	1.685	1.664	1.644	1.624	1.604	1.585	1.566	1.530
30.75	1.849	1.824	1.800	1.777	1.754	1.732	1.710	1.689	1.668	1.648	1.628	1.608	1.589	1.570	1.533
31.00	1.853	1.829	1.805	1.781	1.758	1.736	1.714	1.693	1.672	1.651	1.631	1.612	1.592	1.573	1.537
31.25	1.857	1.833	1.809	1.785	1.763	1.740	1.718	1.697	1.676	1.655	1.635	1.615	1.596	1.577	1.540
31.50	1.862	1.837	1.813	1.790	1.767	1.744	1.722	1.701	1.679	1.659	1.639	1.619	1.599	1.580	1.544
31.75	1.866	1.842	1.818	1.794	1.771	1.748	1.726	1.705	1.683	1.663	1.642	1.622	1.603	1.584	1.547
32.00	1.871	1.846	1.822	1.798	1.775	1.752	1.730	1.708	1.687	1.666	1.646	1.626	1.607	1.587	1.550
32.25	1.875	1.850	1.826	1.802	1.779	1.756	1.734	1.712	1.691	1.670	1.650	1.630	1.610	1.591	1.554
32.50	1.880	1.855	1.830	1.807	1.783	1.761	1.738	1.716	1.695	1.674	1.654	1.633	1.614	1.594	1.557
32.75	1.884	1.859	1.835	1.811	1.788	1.765	1.742	1.720	1.699	1.678	1.657	1.637	1.617	1.598	1.561
33.00	1.889	1.864	1.839	1.815	1.792	1.769	1.746	1.724	1.703	1.682	1.661	1.641	1.621	1.602	1.564
33.25	1.893	1.868	1.844	1.819	1.796	1.773	1.750	1.728	1.707	1.686	1.665	1.645	1.625	1.605	1.567
33.50	1.898	1.873	1.848	1.824	1.800	1.777	1.754	1.732	1.711	1.689	1.669	1.648	1.628	1.609	1.571
33.75	1.902	1.877	1.852	1.828	1.804	1.781	1.759	1.736	1.714	1.693	1.672	1.652	1.632	1.612	1.574
34.00	1.907	1.882	1.857	1.832	1.809	1.785	1.763	1.740	1.718	1.697	1.676	1.656	1.636	1.616	1.578
34.25	1.912	1.886	1.861	1.837	1.813	1.790	1.767	1.744	1.722	1.701	1.680	1.659	1.639	1.620	1.581
34.50	1.916	1.891	1.866	1.841	1.817	1.794	1.771	1.748	1.726	1.705	1.684	1.663	1.643	1.623	1.585
34.75	1.921	1.895	1.870	1.845	1.821	1.798	1.775	1.752	1.730	1.709	1.688	1.667	1.647	1.627	1.588
35.00	1.925	1.900	1.874	1.850	1.826	1.802	1.779	1.756	1.734	1.713	1.691	1.671	1.650	1.630	1.592
35.25	1.930	1.904	1.879	1.854	1.830	1.806	1.783	1.760	1.738	1.717	1.695	1.674	1.654	1.634	1.595
35.50	1.935	1.909	1.883	1.858	1.834	1.810	1.787	1.764	1.742	1.720	1.699	1.678	1.658	1.638	1.599
35.75	1.939	1.913	1.888	1.863	1.839	1.815	1.791	1.768	1.746	1.724	1.703	1.682	1.661	1.641	1.602
36.00	1.944	1.918	1.892	1.867	1.843	1.819	1.796	1.773	1.750	1.728	1.707	1.686	1.665	1.645	1.606
36.25	1.949	1.922	1.897	1.872	1.847	1.823	1.800	1.777	1.754	1.732	1.711	1.690	1.669	1.649	1.609
36.50	1.953	1.927	1.901	1.876	1.852	1.827	1.804	1.781	1.758	1.736	1.715	1.693	1.673	1.652	1.613
36.75	1.958	1.932	1.906	1.881	1.856	1.832	1.808	1.785	1.762	1.740	1.718	1.697	1.676	1.656	1.617
37.00	1.963	1.936	1.910	1.885	1.860	1.836	1.812	1.789	1.766	1.744	1.722	1.701	1.680	1.660	1.620
37.25	1.967	1.941	1.915	1.889	1.865	1.840	1.816	1.793	1.770	1.748	1.726	1.705	1.684	1.663	1.624
37.50	1.972	1.946	1.919	1.894	1.869	1.845	1.821	1.797	1.774	1.752	1.730	1.709	1.688	1.667	1.627
37.75	1.977	1.950	1.924	1.898	1.873	1.849	1.825	1.801	1.778	1.756	1.734	1.713	1.691	1.671	1.631
38.00	1.982	1.955	1.928	1.903	1.878	1.853	1.829	1.806	1.783	1.760	1.738	1.716	1.695	1.675	1.634
38.25	1.986	1.959	1.933	1.907	1.882	1.857	1.833	1.810	1.787	1.764	1.742	1.720	1.699	1.678	1.638
38.50	1.991	1.964	1.938	1.912	1.887	1.862	1.838	1.814	1.791	1.768	1.746	1.724	1.703	1.682	1.642
38.75	1.996	1.969	1.942	1.916	1.891	1.866	1.842	1.818	1.795	1.772	1.750	1.728	1.707	1.686	1.645
39.00	2.001	1.974	1.947	1.921	1.895	1.870	1.846	1.822	1.799	1.776	1.754	1.732	1.710	1.690	1.649
39.25	2.006	1.978	1.951	1.925	1.900	1.875	1.850	1.826	1.803	1.780	1.758	1.736	1.714	1.693	1.653
39.50	2.010	1.983	1.956	1.930	1.904	1.879	1.855	1.831	1.807	1.784	1.762	1.740	1.718	1.697	1.656
39.75	2.015	1.988	1.961	1.934	1.909	1.884	1.859	1.835	1.811	1.788	1.766	1.744	1.722	1.701	1.660

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE														
	670	672	674	676	678	680	682	684	686	688	690	692	694	696	700
40.00	2.020	1.992	1.965	1.939	1.913	1.888	1.863	1.839	1.815	1.792	1.770	1.748	1.726	1.705	1.663
40.25	2.025	1.997	1.970	1.944	1.918	1.892	1.868	1.843	1.820	1.797	1.774	1.752	1.730	1.708	1.667
40.50	2.030	2.002	1.975	1.948	1.922	1.897	1.872	1.848	1.824	1.801	1.778	1.756	1.734	1.712	1.671
40.75	2.035	2.007	1.979	1.953	1.927	1.901	1.876	1.852	1.828	1.805	1.782	1.759	1.738	1.716	1.675
41.00	2.039	2.012	1.984	1.957	1.931	1.906	1.881	1.856	1.832	1.809	1.786	1.763	1.741	1.720	1.678
41.25	2.044	2.016	1.989	1.962	1.936	1.910	1.885	1.860	1.836	1.813	1.790	1.767	1.745	1.724	1.682
41.50	2.049	2.021	1.994	1.967	1.940	1.915	1.889	1.865	1.841	1.817	1.794	1.771	1.749	1.728	1.686
41.75	2.054	2.026	1.998	1.971	1.945	1.919	1.894	1.869	1.845	1.821	1.798	1.775	1.753	1.731	1.689
42.00	2.059	2.031	2.003	1.976	1.949	1.924	1.898	1.873	1.849	1.825	1.802	1.779	1.757	1.735	1.693
42.25	2.064	2.036	2.008	1.981	1.954	1.928	1.903	1.878	1.853	1.830	1.806	1.783	1.761	1.739	1.697
42.50	2.069	2.041	2.013	1.985	1.959	1.933	1.907	1.882	1.858	1.834	1.810	1.787	1.765	1.743	1.701
42.75	2.074	2.045	2.017	1.990	1.963	1.937	1.911	1.886	1.862	1.838	1.814	1.791	1.769	1.747	1.704
43.00	2.079	2.050	2.022	1.995	1.968	1.942	1.916	1.891	1.866	1.842	1.818	1.795	1.773	1.751	1.708
43.25	2.084	2.055	2.027	1.999	1.972	1.946	1.920	1.895	1.870	1.846	1.823	1.800	1.777	1.755	1.712
43.50	2.089	2.060	2.032	2.004	1.977	1.951	1.925	1.899	1.875	1.850	1.827	1.804	1.781	1.759	1.716
43.75	2.094	2.065	2.037	2.009	1.982	1.955	1.929	1.904	1.879	1.855	1.831	1.808	1.785	1.763	1.719
44.00	2.099	2.070	2.041	2.014	1.986	1.960	1.934	1.908	1.883	1.859	1.835	1.812	1.789	1.766	1.723
44.25	2.104	2.075	2.046	2.018	1.991	1.964	1.938	1.913	1.888	1.863	1.839	1.816	1.793	1.770	1.727
44.50	2.109	2.080	2.051	2.023	1.996	1.969	1.943	1.917	1.892	1.867	1.843	1.820	1.797	1.774	1.731
44.75	2.114	2.085	2.056	2.028	2.000	1.973	1.947	1.921	1.896	1.872	1.848	1.824	1.801	1.778	1.735
45.00	2.119	2.090	2.061	2.033	2.005	1.978	1.952	1.926	1.901	1.876	1.852	1.828	1.805	1.782	1.738
45.25	2.124	2.095	2.066	2.037	2.010	1.983	1.956	1.930	1.905	1.880	1.856	1.832	1.809	1.786	1.742
45.50	2.129	2.100	2.071	2.042	2.014	1.987	1.961	1.935	1.909	1.884	1.860	1.836	1.813	1.790	1.746
45.75	2.135	2.105	2.076	2.047	2.019	1.992	1.965	1.939	1.914	1.889	1.864	1.841	1.817	1.794	1.750
46.00	2.140	2.110	2.080	2.052	2.024	1.997	1.970	1.944	1.918	1.893	1.869	1.845	1.821	1.798	1.754
46.25	2.145	2.115	2.085	2.057	2.029	2.001	1.974	1.948	1.922	1.897	1.873	1.849	1.825	1.802	1.758
46.50	2.150	2.120	2.090	2.062	2.033	2.006	1.979	1.953	1.927	1.902	1.877	1.853	1.829	1.806	1.761
46.75	2.155	2.125	2.095	2.066	2.038	2.011	1.984	1.957	1.931	1.906	1.881	1.857	1.833	1.810	1.765
47.00	2.160	2.130	2.100	2.071	2.043	2.015	1.988	1.962	1.936	1.910	1.886	1.861	1.838	1.814	1.769
47.25	2.166	2.135	2.105	2.076	2.048	2.020	1.993	1.966	1.940	1.915	1.890	1.866	1.842	1.818	1.773
47.50	2.171	2.140	2.110	2.081	2.053	2.025	1.997	1.971	1.945	1.919	1.894	1.870	1.846	1.822	1.777
47.75	2.176	2.145	2.115	2.086	2.057	2.029	2.002	1.975	1.949	1.924	1.898	1.874	1.850	1.826	1.781
48.00	2.181	2.150	2.120	2.091	2.062	2.034	2.007	1.980	1.954	1.928	1.903	1.878	1.854	1.830	1.785
48.25	2.186	2.156	2.125	2.096	2.067	2.039	2.011	1.984	1.958	1.932	1.907	1.882	1.858	1.835	1.789
48.50	2.192	2.161	2.130	2.101	2.072	2.044	2.016	1.989	1.962	1.937	1.911	1.887	1.862	1.839	1.793
48.75	2.197	2.166	2.135	2.106	2.077	2.048	2.021	1.994	1.967	1.941	1.916	1.891	1.867	1.843	1.797
49.00	2.202	2.171	2.140	2.111	2.082	2.053	2.025	1.998	1.971	1.946	1.920	1.895	1.871	1.847	1.801
49.25	2.207	2.176	2.146	2.116	2.087	2.058	2.030	2.003	1.976	1.950	1.924	1.899	1.875	1.851	1.805
49.50	2.213	2.181	2.151	2.121	2.091	2.063	2.035	2.007	1.981	1.954	1.929	1.904	1.879	1.855	1.809
49.75	2.218	2.187	2.156	2.126	2.096	2.068	2.040	2.012	1.985	1.959	1.933	1.908	1.883	1.859	1.813

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000
DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE

TEMP DEG C	670	672	674	676	678	680	682	684	686	688	690	692	694	696	698	700
50.00	2.223	2.192	2.161	2.131	2.101	2.072	2.044	2.017	1.990	1.963	1.938	1.912	1.888	1.863	1.840	1.817
50.25	2.229	2.197	2.166	2.136	2.106	2.077	2.049	2.021	1.994	1.968	1.942	1.917	1.892	1.868	1.844	1.821
50.50	2.234	2.202	2.171	2.141	2.111	2.082	2.054	2.026	1.999	1.972	1.946	1.921	1.896	1.872	1.848	1.825
50.75	2.239	2.208	2.176	2.146	2.116	2.087	2.059	2.031	2.003	1.977	1.951	1.925	1.900	1.876	1.852	1.829
51.00	2.245	2.213	2.181	2.151	2.121	2.092	2.063	2.035	2.008	1.981	1.955	1.930	1.905	1.880	1.856	1.833
51.25	2.250	2.218	2.187	2.156	2.126	2.097	2.068	2.040	2.013	1.986	1.960	1.934	1.909	1.884	1.860	1.837
51.50	2.256	2.223	2.192	2.161	2.131	2.102	2.073	2.045	2.017	1.990	1.964	1.938	1.913	1.888	1.864	1.841
51.75	2.261	2.229	2.197	2.166	2.136	2.106	2.078	2.049	2.022	1.995	1.968	1.943	1.917	1.893	1.869	1.845
52.00	2.266	2.234	2.202	2.171	2.141	2.111	2.082	2.054	2.026	1.999	1.973	1.947	1.922	1.897	1.873	1.849
52.25	2.272	2.239	2.207	2.176	2.146	2.116	2.087	2.059	2.031	2.004	1.977	1.951	1.926	1.901	1.877	1.853
52.50	2.277	2.245	2.213	2.181	2.151	2.121	2.092	2.064	2.036	2.009	1.982	1.956	1.930	1.905	1.881	1.857
52.75	2.283	2.250	2.218	2.187	2.156	2.126	2.097	2.068	2.040	2.013	1.986	1.960	1.935	1.910	1.885	1.861
53.00	2.288	2.255	2.223	2.192	2.161	2.131	2.102	2.073	2.045	2.018	1.991	1.965	1.939	1.914	1.889	1.865
53.25	2.294	2.261	2.229	2.197	2.166	2.136	2.107	2.078	2.050	2.022	1.995	1.969	1.943	1.918	1.894	1.869
53.50	2.299	2.266	2.234	2.202	2.171	2.141	2.112	2.083	2.054	2.027	2.000	1.974	1.948	1.922	1.898	1.873
53.75	2.305	2.272	2.239	2.207	2.176	2.146	2.117	2.087	2.059	2.032	2.004	1.978	1.952	1.927	1.902	1.878
54.00	2.310	2.277	2.244	2.213	2.182	2.151	2.121	2.092	2.064	2.036	2.009	1.982	1.956	1.931	1.906	1.882
54.25	2.316	2.282	2.250	2.218	2.187	2.156	2.126	2.097	2.069	2.041	2.014	1.987	1.961	1.935	1.910	1.886
54.50	2.321	2.288	2.255	2.223	2.192	2.161	2.131	2.102	2.073	2.045	2.018	1.991	1.965	1.940	1.915	1.890
54.75	2.327	2.293	2.260	2.228	2.197	2.166	2.136	2.107	2.078	2.050	2.023	1.996	1.970	1.944	1.919	1.894
55.00	2.333	2.299	2.266	2.234	2.202	2.171	2.141	2.112	2.083	2.055	2.027	2.000	1.974	1.948	1.923	1.898
55.25	2.338	2.304	2.271	2.239	2.207	2.176	2.146	2.117	2.088	2.060	2.032	2.005	1.978	1.953	1.927	1.903
55.50	2.344	2.310	2.277	2.244	2.212	2.181	2.151	2.121	2.092	2.064	2.036	2.009	1.983	1.957	1.932	1.907
55.75	2.349	2.315	2.282	2.249	2.218	2.186	2.156	2.126	2.097	2.069	2.041	2.014	1.987	1.961	1.936	1.911
56.00	2.355	2.321	2.287	2.255	2.223	2.192	2.161	2.131	2.102	2.074	2.046	2.018	1.992	1.966	1.940	1.915
56.25	2.361	2.326	2.293	2.260	2.228	2.197	2.166	2.136	2.107	2.078	2.050	2.023	1.996	1.970	1.945	1.919
56.50	2.366	2.332	2.298	2.265	2.233	2.202	2.171	2.141	2.112	2.083	2.055	2.028	2.001	1.974	1.949	1.924
56.75	2.372	2.338	2.304	2.271	2.239	2.207	2.176	2.146	2.117	2.088	2.060	2.032	2.005	1.979	1.953	1.928
57.00	2.378	2.343	2.309	2.276	2.244	2.212	2.181	2.151	2.121	2.093	2.064	2.037	2.010	1.983	1.957	1.932
57.25	2.384	2.349	2.315	2.281	2.249	2.217	2.186	2.156	2.126	2.097	2.069	2.041	2.014	1.988	1.962	1.936
57.50	2.389	2.354	2.320	2.287	2.254	2.222	2.191	2.161	2.131	2.102	2.074	2.046	2.019	1.992	1.966	1.941
57.75	2.395	2.360	2.326	2.292	2.260	2.228	2.196	2.166	2.136	2.107	2.078	2.051	2.023	1.997	1.971	1.945
58.00	2.401	2.366	2.331	2.298	2.265	2.233	2.202	2.171	2.141	2.112	2.083	2.055	2.028	2.001	1.975	1.949
58.25	2.407	2.371	2.337	2.303	2.270	2.238	2.207	2.176	2.146	2.117	2.088	2.060	2.032	2.005	1.979	1.954
58.50	2.412	2.377	2.342	2.308	2.276	2.243	2.212	2.181	2.151	2.121	2.093	2.064	2.037	2.010	1.984	1.958
58.75	2.418	2.383	2.348	2.314	2.281	2.248	2.217	2.186	2.156	2.126	2.097	2.069	2.041	2.014	1.988	1.962
59.00	2.424	2.388	2.353	2.319	2.286	2.254	2.222	2.191	2.161	2.131	2.102	2.074	2.046	2.019	1.992	1.966
59.25	2.430	2.394	2.359	2.325	2.292	2.259	2.227	2.196	2.166	2.136	2.107	2.078	2.051	2.023	1.997	1.971
59.50	2.436	2.400	2.365	2.330	2.297	2.264	2.232	2.201	2.171	2.141	2.112	2.083	2.055	2.028	2.001	1.975
59.75	2.441	2.405	2.370	2.336	2.302	2.270	2.238	2.206	2.176	2.146	2.116	2.088	2.060	2.032	2.006	1.979

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE															
	670	672	674	676	678	680	682	684	686	688	690	692	694	696	698	700
60.00	2.447	2.411	2.376	2.341	2.308	2.275	2.243	2.211	2.181	2.151	2.121	2.093	2.064	2.037	2.010	1.984
60.25	2.453	2.417	2.381	2.347	2.313	2.280	2.248	2.216	2.186	2.155	2.126	2.097	2.069	2.041	2.015	1.988
60.50	2.459	2.423	2.387	2.352	2.319	2.285	2.253	2.221	2.191	2.160	2.131	2.102	2.074	2.046	2.019	1.993
60.75	2.465	2.428	2.393	2.358	2.324	2.291	2.258	2.227	2.196	2.165	2.136	2.107	2.078	2.051	2.024	1.997
61.00	2.471	2.434	2.398	2.363	2.329	2.296	2.264	2.232	2.201	2.170	2.140	2.111	2.083	2.055	2.028	2.001
61.25	2.477	2.440	2.404	2.369	2.335	2.301	2.269	2.237	2.206	2.175	2.145	2.116	2.088	2.060	2.033	2.006
61.50	2.483	2.446	2.410	2.375	2.340	2.307	2.274	2.242	2.211	2.180	2.150	2.121	2.092	2.064	2.037	2.010
61.75	2.489	2.452	2.416	2.380	2.346	2.312	2.279	2.247	2.216	2.185	2.155	2.126	2.097	2.069	2.042	2.015
62.00	2.495	2.458	2.421	2.386	2.351	2.318	2.285	2.252	2.221	2.190	2.160	2.131	2.102	2.074	2.046	2.019
62.25	2.501	2.463	2.427	2.391	2.357	2.323	2.290	2.258	2.226	2.195	2.165	2.135	2.106	2.078	2.051	2.024
62.50	2.507	2.469	2.433	2.397	2.362	2.328	2.295	2.263	2.231	2.200	2.170	2.140	2.111	2.083	2.055	2.028
62.75	2.513	2.475	2.439	2.403	2.368	2.334	2.301	2.268	2.236	2.205	2.175	2.145	2.116	2.087	2.060	2.032
63.00	2.519	2.481	2.444	2.408	2.374	2.339	2.306	2.273	2.241	2.210	2.180	2.150	2.121	2.092	2.064	2.037
63.25	2.525	2.487	2.450	2.414	2.379	2.345	2.311	2.278	2.246	2.215	2.185	2.155	2.125	2.097	2.069	2.041
63.50	2.531	2.493	2.456	2.420	2.385	2.350	2.317	2.284	2.252	2.220	2.189	2.160	2.130	2.101	2.073	2.046
63.75	2.537	2.499	2.462	2.426	2.390	2.356	2.322	2.289	2.257	2.225	2.194	2.164	2.135	2.106	2.078	2.050
64.00	2.543	2.505	2.468	2.431	2.396	2.361	2.327	2.294	2.262	2.230	2.199	2.169	2.140	2.111	2.083	2.055
64.25	2.549	2.511	2.473	2.437	2.402	2.367	2.333	2.299	2.267	2.235	2.204	2.174	2.144	2.115	2.087	2.059
64.50	2.555	2.517	2.479	2.443	2.407	2.372	2.338	2.305	2.272	2.241	2.209	2.179	2.149	2.120	2.092	2.064
64.75	2.561	2.523	2.485	2.449	2.413	2.378	2.344	2.310	2.277	2.246	2.214	2.184	2.154	2.125	2.097	2.069
65.00	2.567	2.529	2.491	2.454	2.418	2.383	2.349	2.315	2.283	2.251	2.219	2.189	2.159	2.130	2.101	2.073
65.25	2.574	2.535	2.497	2.460	2.424	2.389	2.355	2.321	2.288	2.256	2.224	2.194	2.164	2.134	2.106	2.078
65.50	2.580	2.541	2.503	2.466	2.430	2.394	2.360	2.326	2.293	2.261	2.230	2.199	2.169	2.139	2.110	2.082
65.75	2.586	2.547	2.509	2.472	2.436	2.400	2.365	2.331	2.298	2.266	2.235	2.204	2.173	2.144	2.115	2.087
66.00	2.592	2.553	2.515	2.478	2.441	2.406	2.371	2.337	2.304	2.271	2.240	2.209	2.178	2.149	2.120	2.091
66.25	2.598	2.559	2.521	2.483	2.447	2.411	2.376	2.342	2.309	2.277	2.245	2.214	2.183	2.154	2.125	2.096
66.50	2.605	2.565	2.527	2.489	2.453	2.417	2.382	2.348	2.314	2.282	2.250	2.219	2.188	2.158	2.129	2.101
66.75	2.611	2.571	2.533	2.495	2.458	2.422	2.387	2.353	2.320	2.287	2.255	2.224	2.193	2.163	2.134	2.105
67.00	2.617	2.578	2.539	2.501	2.464	2.428	2.393	2.359	2.325	2.292	2.260	2.229	2.198	2.168	2.139	2.110
67.25	2.624	2.584	2.545	2.507	2.470	2.434	2.399	2.364	2.330	2.297	2.265	2.234	2.203	2.173	2.143	2.115
67.50	2.630	2.590	2.551	2.513	2.476	2.439	2.404	2.369	2.336	2.303	2.270	2.239	2.208	2.178	2.148	2.119
67.75	2.636	2.596	2.557	2.519	2.482	2.445	2.410	2.375	2.341	2.308	2.275	2.244	2.213	2.182	2.153	2.124
68.00	2.642	2.602	2.563	2.525	2.487	2.451	2.415	2.380	2.346	2.313	2.281	2.249	2.218	2.187	2.158	2.129
68.25	2.649	2.609	2.569	2.531	2.493	2.457	2.421	2.386	2.352	2.318	2.286	2.254	2.223	2.192	2.163	2.133
68.50	2.655	2.615	2.575	2.537	2.499	2.462	2.426	2.391	2.357	2.324	2.291	2.259	2.228	2.197	2.167	2.138
68.75	2.662	2.621	2.581	2.543	2.505	2.468	2.432	2.397	2.362	2.329	2.296	2.264	2.233	2.202	2.172	2.143
69.00	2.668	2.627	2.587	2.549	2.511	2.474	2.438	2.402	2.368	2.334	2.301	2.269	2.238	2.207	2.177	2.147
69.25	2.674	2.634	2.594	2.555	2.517	2.480	2.443	2.408	2.373	2.340	2.307	2.274	2.243	2.212	2.182	2.152
69.50	2.681	2.640	2.600	2.561	2.523	2.485	2.449	2.413	2.379	2.345	2.312	2.279	2.248	2.217	2.187	2.157
69.75	2.687	2.646	2.606	2.567	2.529	2.491	2.455	2.419	2.384	2.350	2.317	2.285	2.253	2.222	2.191	2.162

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000
DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE

TEMP DEG C	670	672	674	676	678	680	682	684	686	688	690	692	694	696	698	700
70.00	2.694	2.652	2.612	2.573	2.535	2.497	2.460	2.425	2.390	2.356	2.322	2.290	2.258	2.227	2.196	2.166
70.25	2.700	2.659	2.618	2.579	2.540	2.503	2.466	2.430	2.395	2.361	2.328	2.295	2.263	2.232	2.201	2.171
70.50	2.707	2.665	2.624	2.585	2.546	2.509	2.472	2.436	2.401	2.366	2.333	2.300	2.268	2.237	2.206	2.176
70.75	2.713	2.671	2.631	2.591	2.552	2.514	2.478	2.441	2.406	2.372	2.338	2.305	2.273	2.242	2.211	2.181
71.00	2.720	2.678	2.637	2.597	2.558	2.520	2.483	2.447	2.412	2.377	2.343	2.310	2.278	2.247	2.216	2.186
71.25	2.726	2.684	2.643	2.603	2.564	2.526	2.489	2.453	2.417	2.383	2.349	2.316	2.283	2.252	2.221	2.190
71.50	2.733	2.691	2.649	2.609	2.570	2.532	2.495	2.458	2.423	2.388	2.354	2.321	2.288	2.257	2.226	2.195
71.75	2.739	2.697	2.656	2.616	2.576	2.538	2.501	2.464	2.428	2.394	2.359	2.326	2.293	2.262	2.231	2.200
72.00	2.746	2.704	2.662	2.622	2.582	2.544	2.506	2.470	2.434	2.399	2.365	2.331	2.299	2.267	2.236	2.205
72.25	2.752	2.710	2.668	2.628	2.589	2.550	2.512	2.475	2.439	2.404	2.370	2.337	2.304	2.272	2.240	2.210
72.50	2.759	2.716	2.675	2.634	2.595	2.556	2.518	2.481	2.445	2.410	2.375	2.342	2.309	2.277	2.245	2.215
72.75	2.766	2.723	2.681	2.640	2.601	2.562	2.524	2.487	2.451	2.415	2.381	2.347	2.314	2.282	2.250	2.220
73.00	2.772	2.729	2.687	2.647	2.607	2.568	2.530	2.493	2.456	2.421	2.386	2.352	2.319	2.287	2.255	2.224
73.25	2.779	2.736	2.694	2.653	2.613	2.574	2.536	2.498	2.462	2.426	2.392	2.358	2.324	2.292	2.260	2.229
73.50	2.786	2.742	2.700	2.659	2.619	2.580	2.542	2.504	2.468	2.432	2.397	2.363	2.330	2.297	2.265	2.234
73.75	2.792	2.749	2.707	2.665	2.625	2.586	2.547	2.510	2.473	2.438	2.402	2.368	2.335	2.302	2.270	2.239
74.00	2.799	2.756	2.713	2.672	2.631	2.592	2.553	2.516	2.479	2.443	2.408	2.374	2.340	2.307	2.275	2.244
74.25	2.806	2.762	2.719	2.678	2.637	2.598	2.559	2.521	2.485	2.449	2.413	2.379	2.345	2.313	2.281	2.249
74.50	2.812	2.769	2.726	2.684	2.644	2.604	2.565	2.527	2.490	2.454	2.419	2.384	2.351	2.318	2.286	2.254
74.75	2.819	2.775	2.732	2.691	2.650	2.610	2.571	2.533	2.496	2.460	2.424	2.390	2.356	2.323	2.291	2.259
75.00	2.826	2.782	2.739	2.697	2.656	2.616	2.577	2.539	2.502	2.465	2.430	2.395	2.361	2.328	2.296	2.264
75.25	2.833	2.789	2.745	2.703	2.662	2.622	2.583	2.545	2.507	2.471	2.435	2.401	2.366	2.333	2.301	2.269
75.50	2.840	2.795	2.752	2.710	2.669	2.628	2.589	2.551	2.513	2.477	2.441	2.406	2.372	2.338	2.306	2.274
75.75	2.846	2.802	2.758	2.716	2.675	2.634	2.595	2.557	2.519	2.482	2.446	2.411	2.377	2.344	2.311	2.279
76.00	2.853	2.809	2.765	2.722	2.681	2.641	2.601	2.562	2.525	2.488	2.452	2.417	2.382	2.349	2.316	2.284
76.25	2.860	2.815	2.772	2.729	2.687	2.647	2.607	2.568	2.530	2.494	2.458	2.422	2.388	2.354	2.321	2.289
76.50	2.867	2.822	2.778	2.735	2.694	2.653	2.613	2.574	2.536	2.499	2.463	2.428	2.393	2.359	2.326	2.294
76.75	2.874	2.829	2.785	2.742	2.700	2.659	2.619	2.580	2.542	2.505	2.469	2.433	2.398	2.365	2.332	2.299
77.00	2.881	2.836	2.791	2.748	2.706	2.665	2.625	2.586	2.548	2.511	2.474	2.439	2.404	2.370	2.337	2.304
77.25	2.888	2.842	2.798	2.755	2.713	2.671	2.631	2.592	2.554	2.516	2.480	2.444	2.409	2.375	2.342	2.309
77.50	2.895	2.849	2.805	2.761	2.719	2.678	2.637	2.598	2.560	2.522	2.485	2.450	2.415	2.380	2.347	2.314
77.75	2.902	2.856	2.811	2.768	2.725	2.684	2.644	2.604	2.565	2.528	2.491	2.455	2.420	2.386	2.352	2.319
78.00	2.908	2.863	2.818	2.774	2.732	2.690	2.650	2.610	2.571	2.534	2.497	2.461	2.425	2.391	2.358	2.325
78.25	2.915	2.870	2.825	2.781	2.738	2.697	2.656	2.616	2.577	2.540	2.502	2.466	2.431	2.396	2.363	2.330
78.50	2.922	2.876	2.831	2.787	2.745	2.703	2.662	2.622	2.583	2.545	2.508	2.472	2.436	2.402	2.368	2.335
78.75	2.929	2.883	2.838	2.794	2.751	2.709	2.668	2.628	2.589	2.551	2.514	2.477	2.442	2.407	2.373	2.340
79.00	2.937	2.890	2.845	2.801	2.758	2.715	2.674	2.634	2.595	2.557	2.519	2.483	2.447	2.412	2.378	2.345
79.25	2.944	2.897	2.851	2.807	2.764	2.722	2.681	2.640	2.601	2.563	2.525	2.489	2.453	2.418	2.384	2.350
79.50	2.951	2.904	2.858	2.814	2.771	2.728	2.687	2.646	2.607	2.569	2.531	2.494	2.458	2.423	2.389	2.356
79.75	2.958	2.911	2.865	2.820	2.777	2.734	2.693	2.652	2.613	2.574	2.537	2.500	2.464	2.429	2.394	2.361

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE														
	670	672	674	676	678	680	682	684	686	688	690	692	694	696	700
80.00	2.965	2.918	2.872	2.827	2.784	2.741	2.699	2.659	2.619	2.580	2.542	2.506	2.469	2.434	2.366
80.25	2.972	2.925	2.879	2.834	2.790	2.747	2.706	2.665	2.625	2.586	2.548	2.511	2.475	2.439	2.371
80.50	2.979	2.932	2.885	2.840	2.797	2.754	2.712	2.671	2.631	2.592	2.554	2.517	2.480	2.445	2.376
80.75	2.986	2.939	2.892	2.847	2.803	2.760	2.718	2.677	2.637	2.598	2.560	2.523	2.486	2.450	2.382
81.00	2.993	2.946	2.899	2.854	2.810	2.767	2.724	2.683	2.643	2.604	2.566	2.528	2.492	2.456	2.387
81.25	3.001	2.953	2.906	2.861	2.816	2.773	2.731	2.689	2.649	2.610	2.571	2.534	2.497	2.461	2.392
81.50	3.008	2.960	2.913	2.867	2.823	2.779	2.737	2.696	2.655	2.616	2.577	2.540	2.503	2.467	2.397
81.75	3.015	2.967	2.920	2.874	2.830	2.786	2.743	2.702	2.661	2.622	2.583	2.545	2.508	2.472	2.403
82.00	3.022	2.974	2.927	2.881	2.836	2.792	2.750	2.708	2.667	2.628	2.589	2.551	2.514	2.478	2.408
82.25	3.030	2.981	2.934	2.888	2.843	2.799	2.756	2.714	2.673	2.634	2.595	2.557	2.520	2.483	2.413
82.50	3.037	2.988	2.941	2.894	2.850	2.805	2.763	2.721	2.680	2.640	2.601	2.563	2.525	2.489	2.419
82.75	3.044	2.995	2.948	2.901	2.856	2.812	2.769	2.727	2.686	2.646	2.607	2.568	2.531	2.494	2.424
83.00	3.051	3.003	2.955	2.908	2.863	2.819	2.775	2.733	2.692	2.652	2.612	2.574	2.537	2.500	2.429
83.25	3.059	3.010	2.962	2.915	2.870	2.825	2.782	2.739	2.698	2.658	2.618	2.580	2.542	2.506	2.435
83.50	3.066	3.017	2.969	2.922	2.876	2.832	2.788	2.746	2.704	2.664	2.624	2.586	2.548	2.511	2.440
83.75	3.073	3.024	2.976	2.929	2.883	2.838	2.795	2.752	2.710	2.670	2.630	2.592	2.554	2.517	2.445
84.00	3.081	3.031	2.983	2.936	2.890	2.845	2.801	2.758	2.717	2.676	2.636	2.597	2.559	2.522	2.451
84.25	3.088	3.039	2.990	2.943	2.897	2.852	2.808	2.765	2.723	2.682	2.642	2.603	2.565	2.528	2.456
84.50	3.096	3.046	2.997	2.950	2.903	2.858	2.814	2.771	2.729	2.688	2.648	2.609	2.571	2.534	2.462
84.75	3.103	3.053	3.004	2.957	2.910	2.865	2.821	2.777	2.735	2.694	2.654	2.615	2.577	2.539	2.467
85.00	3.110	3.060	3.011	2.964	2.917	2.872	2.827	2.784	2.742	2.701	2.660	2.621	2.582	2.545	2.472
85.25	3.118	3.068	3.018	2.971	2.924	2.878	2.834	2.790	2.748	2.707	2.666	2.627	2.588	2.551	2.478
85.50	3.125	3.075	3.026	2.978	2.931	2.885	2.840	2.797	2.754	2.713	2.672	2.633	2.594	2.556	2.483
85.75	3.133	3.082	3.033	2.985	2.938	2.892	2.847	2.803	2.761	2.719	2.678	2.639	2.600	2.562	2.489
86.00	3.140	3.090	3.040	2.992	2.945	2.898	2.854	2.810	2.767	2.725	2.684	2.645	2.606	2.568	2.494
86.25	3.148	3.097	3.047	2.999	2.951	2.905	2.860	2.816	2.773	2.731	2.690	2.651	2.611	2.573	2.500
86.50	3.156	3.104	3.054	3.006	2.958	2.912	2.867	2.823	2.780	2.738	2.697	2.657	2.617	2.579	2.505
86.75	3.163	3.112	3.062	3.013	2.965	2.919	2.874	2.829	2.786	2.744	2.703	2.663	2.623	2.585	2.511
87.00	3.171	3.119	3.069	3.020	2.972	2.926	2.880	2.836	2.792	2.750	2.709	2.669	2.629	2.591	2.516
87.25	3.178	3.127	3.076	3.027	2.979	2.932	2.887	2.842	2.799	2.756	2.715	2.675	2.635	2.596	2.522
87.50	3.186	3.134	3.083	3.034	2.986	2.939	2.894	2.849	2.805	2.763	2.721	2.681	2.641	2.602	2.527
87.75	3.194	3.142	3.091	3.041	2.993	2.946	2.900	2.855	2.812	2.769	2.727	2.687	2.647	2.608	2.533
88.00	3.201	3.149	3.098	3.049	3.000	2.953	2.907	2.862	2.818	2.775	2.733	2.693	2.653	2.614	2.539
88.25	3.209	3.157	3.105	3.056	3.007	2.960	2.914	2.869	2.824	2.782	2.740	2.699	2.659	2.620	2.544
88.50	3.217	3.164	3.113	3.063	3.014	2.967	2.921	2.875	2.831	2.788	2.746	2.705	2.665	2.625	2.550
88.75	3.224	3.172	3.120	3.070	3.021	2.974	2.927	2.882	2.837	2.794	2.752	2.711	2.671	2.631	2.555
89.00	3.232	3.179	3.128	3.077	3.029	2.981	2.934	2.888	2.844	2.801	2.758	2.717	2.677	2.637	2.561
89.25	3.240	3.187	3.135	3.085	3.036	2.988	2.941	2.895	2.850	2.807	2.765	2.723	2.683	2.643	2.567
89.50	3.248	3.195	3.143	3.092	3.043	2.995	2.948	2.902	2.857	2.814	2.771	2.729	2.689	2.649	2.572
89.75	3.256	3.202	3.150	3.099	3.050	3.002	2.955	2.908	2.864	2.820	2.777	2.735	2.695	2.655	2.578

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000																
TEMP	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE															
DEG C	670	672	674	676	678	680	682	684	686	688	690	692	694	696	698	700
90.00	3.263	3.210	3.157	3.107	3.057	3.009	2.961	2.915	2.870	2.826	2.783	2.742	2.701	2.661	2.622	2.584

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE															
	702	704	706	708	710	712	714	716	718	720	722	724	726	728	730	732
-30.00	0.890	0.883	0.875	0.868	0.861	0.854	0.847	0.840	0.833	0.826	0.820	0.813	0.807	0.801	0.795	0.789
-29.75	0.892	0.885	0.877	0.870	0.863	0.855	0.848	0.841	0.835	0.828	0.821	0.815	0.809	0.802	0.796	0.790
-29.50	0.894	0.887	0.879	0.872	0.864	0.857	0.850	0.843	0.836	0.830	0.823	0.817	0.810	0.804	0.798	0.792
-29.25	0.896	0.889	0.881	0.874	0.866	0.859	0.852	0.845	0.838	0.831	0.825	0.818	0.812	0.806	0.799	0.793
-29.00	0.898	0.890	0.883	0.875	0.868	0.861	0.854	0.847	0.840	0.833	0.827	0.820	0.814	0.807	0.801	0.795
-28.75	0.900	0.892	0.885	0.877	0.870	0.863	0.856	0.849	0.842	0.835	0.828	0.822	0.815	0.809	0.803	0.797
-28.50	0.902	0.894	0.887	0.879	0.872	0.865	0.857	0.850	0.844	0.837	0.830	0.823	0.817	0.811	0.804	0.798
-28.25	0.904	0.896	0.889	0.881	0.874	0.866	0.859	0.852	0.845	0.838	0.832	0.825	0.819	0.812	0.806	0.800
-28.00	0.906	0.898	0.891	0.883	0.876	0.868	0.861	0.854	0.847	0.840	0.833	0.827	0.820	0.814	0.808	0.801
-27.75	0.908	0.900	0.892	0.885	0.877	0.870	0.863	0.856	0.849	0.842	0.835	0.829	0.822	0.816	0.809	0.803
-27.50	0.910	0.902	0.894	0.887	0.879	0.872	0.865	0.858	0.851	0.844	0.837	0.830	0.824	0.817	0.811	0.805
-27.25	0.912	0.904	0.896	0.889	0.881	0.874	0.867	0.859	0.852	0.845	0.839	0.832	0.825	0.819	0.813	0.806
-27.00	0.914	0.906	0.898	0.891	0.883	0.876	0.868	0.861	0.854	0.847	0.840	0.834	0.827	0.821	0.814	0.808
-26.75	0.916	0.908	0.900	0.893	0.885	0.878	0.870	0.863	0.856	0.849	0.842	0.835	0.829	0.822	0.816	0.810
-26.50	0.918	0.910	0.902	0.894	0.887	0.879	0.872	0.865	0.858	0.851	0.844	0.837	0.830	0.824	0.818	0.811
-26.25	0.920	0.912	0.904	0.896	0.889	0.881	0.874	0.867	0.860	0.853	0.846	0.839	0.832	0.826	0.819	0.813
-26.00	0.922	0.914	0.906	0.898	0.891	0.883	0.876	0.869	0.861	0.854	0.847	0.841	0.834	0.827	0.821	0.814
-25.75	0.924	0.916	0.908	0.900	0.893	0.885	0.878	0.870	0.863	0.856	0.849	0.842	0.836	0.829	0.823	0.816
-25.50	0.926	0.918	0.910	0.902	0.895	0.887	0.879	0.872	0.865	0.858	0.851	0.844	0.837	0.831	0.824	0.818
-25.25	0.928	0.920	0.912	0.904	0.896	0.889	0.881	0.874	0.867	0.860	0.853	0.846	0.839	0.832	0.826	0.819
-25.00	0.930	0.922	0.914	0.906	0.898	0.891	0.883	0.876	0.869	0.861	0.854	0.848	0.841	0.834	0.828	0.821
-24.75	0.932	0.924	0.916	0.908	0.900	0.893	0.885	0.878	0.870	0.863	0.856	0.849	0.843	0.836	0.829	0.823
-24.50	0.934	0.926	0.918	0.910	0.902	0.895	0.887	0.880	0.872	0.865	0.858	0.851	0.844	0.838	0.831	0.824
-24.25	0.936	0.928	0.920	0.912	0.904	0.896	0.889	0.881	0.874	0.867	0.860	0.853	0.846	0.839	0.833	0.826
-24.00	0.938	0.930	0.922	0.914	0.906	0.898	0.891	0.883	0.876	0.869	0.862	0.855	0.848	0.841	0.834	0.828
-23.75	0.940	0.932	0.924	0.916	0.908	0.900	0.893	0.885	0.878	0.871	0.863	0.856	0.849	0.843	0.836	0.829
-23.50	0.942	0.934	0.926	0.918	0.910	0.902	0.895	0.887	0.880	0.872	0.865	0.858	0.851	0.844	0.838	0.831
-23.25	0.945	0.936	0.928	0.920	0.912	0.904	0.896	0.889	0.881	0.874	0.867	0.860	0.853	0.846	0.839	0.833
-23.00	0.947	0.938	0.930	0.922	0.914	0.906	0.898	0.891	0.883	0.876	0.869	0.862	0.855	0.848	0.841	0.834
-22.75	0.949	0.940	0.932	0.924	0.916	0.908	0.900	0.893	0.885	0.878	0.871	0.863	0.856	0.850	0.843	0.836
-22.50	0.951	0.942	0.934	0.926	0.918	0.910	0.902	0.894	0.887	0.880	0.872	0.865	0.858	0.851	0.845	0.838
-22.25	0.953	0.944	0.936	0.928	0.920	0.912	0.904	0.896	0.889	0.881	0.874	0.867	0.860	0.853	0.846	0.840
-22.00	0.955	0.946	0.938	0.930	0.922	0.914	0.906	0.898	0.891	0.883	0.876	0.869	0.862	0.855	0.848	0.841
-21.75	0.957	0.948	0.940	0.932	0.924	0.916	0.908	0.900	0.893	0.885	0.878	0.871	0.863	0.857	0.850	0.843
-21.50	0.959	0.951	0.942	0.934	0.926	0.918	0.910	0.902	0.894	0.887	0.880	0.872	0.865	0.858	0.851	0.845
-21.25	0.961	0.953	0.944	0.936	0.928	0.920	0.912	0.904	0.896	0.889	0.881	0.874	0.867	0.860	0.853	0.846
-21.00	0.963	0.955	0.946	0.938	0.930	0.922	0.914	0.906	0.898	0.891	0.883	0.876	0.869	0.862	0.855	0.848
-20.75	0.965	0.957	0.948	0.940	0.932	0.924	0.916	0.908	0.900	0.893	0.885	0.878	0.871	0.864	0.857	0.850
-20.50	0.968	0.959	0.950	0.942	0.934	0.926	0.918	0.910	0.902	0.894	0.887	0.880	0.872	0.865	0.858	0.851
-20.25	0.970	0.961	0.952	0.944	0.936	0.928	0.919	0.912	0.904	0.896	0.889	0.881	0.874	0.867	0.860	0.853

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE															
DEG C	702	704	706	708	710	712	714	716	718	720	722	724	726	728	730	732
-20.00	0.972	0.963	0.954	0.946	0.938	0.929	0.921	0.914	0.906	0.898	0.891	0.883	0.876	0.869	0.862	0.855
-19.75	0.974	0.965	0.957	0.948	0.940	0.931	0.923	0.915	0.908	0.900	0.892	0.885	0.878	0.871	0.864	0.857
-19.50	0.976	0.967	0.959	0.950	0.942	0.933	0.925	0.917	0.910	0.902	0.894	0.887	0.880	0.872	0.865	0.858
-19.25	0.978	0.969	0.961	0.952	0.944	0.935	0.927	0.919	0.912	0.904	0.896	0.889	0.881	0.874	0.867	0.860
-19.00	0.980	0.971	0.963	0.954	0.946	0.937	0.929	0.921	0.913	0.906	0.898	0.891	0.883	0.876	0.869	0.862
-18.75	0.983	0.974	0.965	0.956	0.948	0.939	0.931	0.923	0.915	0.908	0.900	0.892	0.885	0.878	0.871	0.864
-18.50	0.985	0.976	0.967	0.958	0.950	0.941	0.933	0.925	0.917	0.909	0.902	0.894	0.887	0.880	0.872	0.865
-18.25	0.987	0.978	0.969	0.960	0.952	0.943	0.935	0.927	0.919	0.911	0.904	0.896	0.889	0.881	0.874	0.867
-18.00	0.989	0.980	0.971	0.962	0.954	0.945	0.937	0.929	0.921	0.913	0.906	0.898	0.890	0.883	0.876	0.869
-17.75	0.991	0.982	0.973	0.965	0.956	0.947	0.939	0.931	0.923	0.915	0.907	0.900	0.892	0.885	0.878	0.871
-17.50	0.993	0.984	0.975	0.967	0.958	0.949	0.941	0.933	0.925	0.917	0.909	0.902	0.894	0.887	0.879	0.872
-17.25	0.996	0.986	0.977	0.969	0.960	0.952	0.943	0.935	0.927	0.919	0.911	0.904	0.896	0.889	0.881	0.874
-17.00	0.998	0.989	0.980	0.971	0.962	0.954	0.945	0.937	0.929	0.921	0.913	0.905	0.898	0.890	0.883	0.876
-16.75	1.000	0.991	0.982	0.973	0.964	0.956	0.947	0.939	0.931	0.923	0.915	0.907	0.900	0.892	0.885	0.878
-16.50	1.002	0.993	0.984	0.975	0.966	0.958	0.949	0.941	0.933	0.925	0.917	0.909	0.901	0.894	0.887	0.879
-16.25	1.004	0.995	0.986	0.977	0.968	0.960	0.951	0.943	0.935	0.927	0.919	0.911	0.903	0.896	0.888	0.881
-16.00	1.006	0.997	0.988	0.979	0.970	0.962	0.953	0.945	0.937	0.929	0.921	0.913	0.905	0.898	0.890	0.883
-15.75	1.009	0.999	0.990	0.981	0.972	0.964	0.955	0.947	0.939	0.931	0.923	0.915	0.907	0.900	0.892	0.885
-15.50	1.011	1.002	0.992	0.983	0.975	0.966	0.957	0.949	0.941	0.932	0.925	0.917	0.909	0.901	0.894	0.887
-15.25	1.013	1.004	0.995	0.985	0.977	0.968	0.959	0.951	0.943	0.934	0.926	0.919	0.911	0.903	0.896	0.888
-15.00	1.015	1.006	0.997	0.988	0.979	0.970	0.961	0.953	0.945	0.936	0.928	0.920	0.913	0.905	0.898	0.890
-14.75	1.018	1.008	0.999	0.990	0.981	0.972	0.963	0.955	0.947	0.938	0.930	0.922	0.915	0.907	0.899	0.892
-14.50	1.020	1.010	1.001	0.992	0.983	0.974	0.965	0.957	0.949	0.940	0.932	0.924	0.916	0.909	0.901	0.894
-14.25	1.022	1.012	1.003	0.994	0.985	0.976	0.967	0.959	0.951	0.942	0.934	0.926	0.918	0.911	0.903	0.896
-14.00	1.024	1.015	1.005	0.996	0.987	0.978	0.969	0.961	0.953	0.944	0.936	0.928	0.920	0.912	0.905	0.897
-13.75	1.027	1.017	1.008	0.998	0.989	0.980	0.972	0.963	0.955	0.946	0.938	0.930	0.922	0.914	0.907	0.899
-13.50	1.029	1.019	1.010	1.000	0.991	0.982	0.974	0.965	0.957	0.948	0.940	0.932	0.924	0.916	0.909	0.901
-13.25	1.031	1.021	1.012	1.003	0.993	0.985	0.976	0.967	0.959	0.950	0.942	0.934	0.926	0.918	0.910	0.903
-13.00	1.033	1.024	1.014	1.005	0.996	0.987	0.978	0.969	0.961	0.952	0.944	0.936	0.928	0.920	0.912	0.905
-12.75	1.036	1.026	1.016	1.007	0.998	0.989	0.980	0.971	0.963	0.954	0.946	0.938	0.930	0.922	0.914	0.906
-12.50	1.038	1.028	1.018	1.009	1.000	0.991	0.982	0.973	0.965	0.956	0.948	0.940	0.932	0.924	0.916	0.908
-12.25	1.040	1.030	1.021	1.011	1.002	0.993	0.984	0.975	0.967	0.958	0.950	0.942	0.933	0.926	0.918	0.910
-12.00	1.042	1.033	1.023	1.013	1.004	0.995	0.986	0.977	0.969	0.960	0.952	0.943	0.935	0.927	0.920	0.912
-11.75	1.045	1.035	1.025	1.016	1.006	0.997	0.988	0.979	0.971	0.962	0.954	0.945	0.937	0.929	0.921	0.914
-11.50	1.047	1.037	1.027	1.018	1.008	0.999	0.990	0.981	0.973	0.964	0.956	0.947	0.939	0.931	0.923	0.916
-11.25	1.049	1.039	1.030	1.020	1.011	1.001	0.992	0.983	0.975	0.966	0.958	0.949	0.941	0.933	0.925	0.917
-11.00	1.052	1.042	1.032	1.022	1.013	1.004	0.994	0.986	0.977	0.968	0.960	0.951	0.943	0.935	0.927	0.919
-10.75	1.054	1.044	1.034	1.024	1.015	1.006	0.997	0.988	0.979	0.970	0.962	0.953	0.945	0.937	0.929	0.921
-10.50	1.056	1.046	1.036	1.027	1.017	1.008	0.999	0.990	0.981	0.972	0.964	0.955	0.947	0.939	0.931	0.923
-10.25	1.058	1.048	1.039	1.029	1.019	1.010	1.001	0.992	0.983	0.974	0.966	0.957	0.949	0.941	0.933	0.925

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE															
	702	704	706	708	710	712	714	716	718	720	722	724	726	728	730	732
-10.00	1.061	1.051	1.041	1.031	1.022	1.012	1.003	0.994	0.985	0.976	0.968	0.959	0.951	0.943	0.935	0.927
-9.75	1.063	1.053	1.043	1.033	1.024	1.014	1.005	0.996	0.987	0.978	0.970	0.961	0.953	0.945	0.937	0.929
-9.50	1.065	1.055	1.045	1.036	1.026	1.016	1.007	0.998	0.989	0.980	0.972	0.963	0.955	0.947	0.938	0.931
-9.25	1.068	1.058	1.048	1.038	1.028	1.019	1.009	1.000	0.991	0.982	0.974	0.965	0.957	0.948	0.940	0.932
-9.00	1.070	1.060	1.050	1.040	1.030	1.021	1.011	1.002	0.993	0.984	0.976	0.967	0.959	0.950	0.942	0.934
-8.75	1.072	1.062	1.052	1.042	1.033	1.023	1.014	1.004	0.995	0.986	0.978	0.969	0.961	0.952	0.944	0.936
-8.50	1.075	1.064	1.054	1.044	1.035	1.025	1.016	1.006	0.997	0.988	0.980	0.971	0.963	0.954	0.946	0.938
-8.25	1.077	1.067	1.057	1.047	1.037	1.027	1.018	1.009	1.000	0.991	0.982	0.973	0.965	0.956	0.948	0.940
-8.00	1.080	1.069	1.059	1.049	1.039	1.030	1.020	1.011	1.002	0.993	0.984	0.975	0.967	0.958	0.950	0.942
-7.75	1.082	1.071	1.061	1.051	1.041	1.032	1.022	1.013	1.004	0.995	0.986	0.977	0.969	0.960	0.952	0.944
-7.50	1.084	1.074	1.064	1.054	1.044	1.034	1.024	1.015	1.006	0.997	0.988	0.979	0.971	0.962	0.954	0.946
-7.25	1.087	1.076	1.066	1.056	1.046	1.036	1.027	1.017	1.008	0.999	0.990	0.981	0.973	0.964	0.956	0.948
-7.00	1.089	1.078	1.068	1.058	1.048	1.038	1.029	1.019	1.010	1.001	0.992	0.983	0.975	0.966	0.958	0.949
-6.75	1.091	1.081	1.070	1.060	1.050	1.041	1.031	1.021	1.012	1.003	0.994	0.985	0.977	0.968	0.960	0.951
-6.50	1.094	1.083	1.073	1.063	1.053	1.043	1.033	1.024	1.014	1.005	0.996	0.987	0.979	0.970	0.962	0.953
-6.25	1.096	1.086	1.075	1.065	1.055	1.045	1.035	1.026	1.016	1.007	0.998	0.989	0.981	0.972	0.964	0.955
-6.00	1.099	1.088	1.077	1.067	1.057	1.047	1.037	1.028	1.019	1.009	1.000	0.991	0.983	0.974	0.965	0.957
-5.75	1.101	1.090	1.080	1.070	1.059	1.049	1.040	1.030	1.021	1.011	1.002	0.993	0.985	0.976	0.967	0.959
-5.50	1.103	1.093	1.082	1.072	1.062	1.052	1.042	1.032	1.023	1.014	1.004	0.995	0.987	0.978	0.969	0.961
-5.25	1.106	1.095	1.084	1.074	1.064	1.054	1.044	1.034	1.025	1.016	1.007	0.997	0.989	0.980	0.971	0.963
-5.00	1.108	1.097	1.087	1.076	1.066	1.056	1.046	1.037	1.027	1.018	1.009	1.000	0.991	0.982	0.973	0.965
-4.75	1.111	1.100	1.089	1.079	1.069	1.058	1.049	1.039	1.029	1.020	1.011	1.002	0.993	0.984	0.975	0.967
-4.50	1.113	1.102	1.092	1.081	1.071	1.061	1.051	1.041	1.031	1.022	1.013	1.004	0.995	0.986	0.977	0.969
-4.25	1.116	1.105	1.094	1.083	1.073	1.063	1.053	1.043	1.034	1.024	1.015	1.006	0.997	0.988	0.979	0.971
-4.00	1.118	1.107	1.096	1.086	1.075	1.065	1.055	1.045	1.036	1.026	1.017	1.008	0.999	0.990	0.981	0.973
-3.75	1.120	1.109	1.099	1.088	1.078	1.068	1.057	1.048	1.038	1.028	1.019	1.010	1.001	0.992	0.983	0.975
-3.50	1.123	1.112	1.101	1.090	1.080	1.070	1.060	1.050	1.040	1.031	1.021	1.012	1.003	0.994	0.985	0.977
-3.25	1.125	1.114	1.103	1.093	1.082	1.072	1.062	1.052	1.042	1.033	1.023	1.014	1.005	0.996	0.987	0.979
-3.00	1.128	1.117	1.106	1.095	1.085	1.074	1.064	1.054	1.045	1.035	1.025	1.016	1.007	0.998	0.989	0.981
-2.75	1.130	1.119	1.108	1.098	1.087	1.077	1.066	1.056	1.047	1.037	1.028	1.018	1.009	1.000	0.991	0.983
-2.50	1.133	1.122	1.111	1.100	1.089	1.079	1.069	1.059	1.049	1.039	1.030	1.020	1.011	1.002	0.993	0.985
-2.25	1.135	1.124	1.113	1.102	1.092	1.081	1.071	1.061	1.051	1.041	1.032	1.022	1.013	1.004	0.995	0.987
-2.00	1.138	1.126	1.115	1.105	1.094	1.084	1.073	1.063	1.053	1.044	1.034	1.025	1.015	1.006	0.997	0.989
-1.75	1.140	1.129	1.118	1.107	1.096	1.086	1.076	1.065	1.055	1.046	1.036	1.027	1.017	1.008	0.999	0.991
-1.50	1.143	1.131	1.120	1.109	1.099	1.088	1.078	1.068	1.058	1.048	1.038	1.029	1.020	1.010	1.001	0.993
-1.25	1.145	1.134	1.123	1.112	1.101	1.090	1.080	1.070	1.060	1.050	1.040	1.031	1.022	1.012	1.003	0.995
-1.00	1.148	1.136	1.125	1.114	1.103	1.093	1.082	1.072	1.062	1.052	1.043	1.033	1.024	1.015	1.005	0.997
-0.75	1.150	1.139	1.128	1.117	1.106	1.095	1.085	1.074	1.064	1.054	1.045	1.035	1.026	1.017	1.008	0.999
-0.50	1.153	1.141	1.130	1.119	1.108	1.097	1.087	1.077	1.067	1.057	1.047	1.037	1.028	1.019	1.010	1.001
-0.25	1.155	1.144	1.132	1.121	1.110	1.100	1.089	1.079	1.069	1.059	1.049	1.039	1.030	1.021	1.012	1.003

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE															
	702	704	706	708	710	712	714	716	718	720	722	724	726	728	730	732
0.00	1.158	1.146	1.135	1.124	1.113	1.102	1.092	1.081	1.071	1.061	1.051	1.042	1.032	1.023	1.014	1.005
0.25	1.160	1.149	1.137	1.126	1.115	1.105	1.094	1.084	1.073	1.063	1.053	1.044	1.034	1.025	1.016	1.007
0.50	1.163	1.151	1.140	1.129	1.118	1.107	1.096	1.086	1.076	1.066	1.056	1.046	1.036	1.027	1.018	1.009
0.75	1.165	1.154	1.142	1.131	1.120	1.109	1.099	1.088	1.078	1.068	1.058	1.048	1.038	1.029	1.020	1.011
1.00	1.168	1.156	1.145	1.134	1.122	1.112	1.101	1.090	1.080	1.070	1.060	1.050	1.041	1.031	1.022	1.013
1.25	1.171	1.159	1.147	1.136	1.125	1.114	1.103	1.093	1.082	1.072	1.062	1.052	1.043	1.033	1.024	1.015
1.50	1.173	1.161	1.150	1.138	1.127	1.116	1.106	1.095	1.085	1.074	1.064	1.055	1.045	1.035	1.026	1.017
1.75	1.176	1.164	1.152	1.141	1.130	1.119	1.108	1.097	1.087	1.077	1.067	1.057	1.047	1.038	1.028	1.019
2.00	1.178	1.166	1.155	1.143	1.132	1.121	1.110	1.100	1.089	1.079	1.069	1.059	1.049	1.040	1.030	1.021
2.25	1.181	1.169	1.157	1.146	1.135	1.123	1.113	1.102	1.091	1.081	1.071	1.061	1.051	1.042	1.032	1.023
2.50	1.183	1.171	1.160	1.148	1.137	1.126	1.115	1.104	1.094	1.083	1.073	1.063	1.054	1.044	1.034	1.025
2.75	1.186	1.174	1.162	1.151	1.139	1.128	1.117	1.107	1.096	1.086	1.076	1.065	1.056	1.046	1.037	1.027
3.00	1.189	1.177	1.165	1.153	1.142	1.131	1.120	1.109	1.098	1.088	1.078	1.068	1.058	1.048	1.039	1.029
3.25	1.191	1.179	1.167	1.156	1.144	1.133	1.122	1.111	1.101	1.090	1.080	1.070	1.060	1.050	1.041	1.031
3.50	1.194	1.182	1.170	1.158	1.147	1.136	1.124	1.114	1.103	1.093	1.082	1.072	1.062	1.052	1.043	1.033
3.75	1.197	1.184	1.172	1.161	1.149	1.138	1.127	1.116	1.105	1.095	1.084	1.074	1.064	1.055	1.045	1.036
4.00	1.199	1.187	1.175	1.163	1.152	1.140	1.129	1.118	1.108	1.097	1.087	1.077	1.067	1.057	1.047	1.038
4.25	1.202	1.189	1.177	1.166	1.154	1.143	1.132	1.121	1.110	1.099	1.089	1.079	1.069	1.059	1.049	1.040
4.50	1.204	1.192	1.180	1.168	1.157	1.145	1.134	1.123	1.112	1.102	1.091	1.081	1.071	1.061	1.051	1.042
4.75	1.207	1.195	1.183	1.171	1.159	1.148	1.136	1.125	1.115	1.104	1.094	1.083	1.073	1.063	1.054	1.044
5.00	1.210	1.197	1.185	1.173	1.162	1.150	1.139	1.128	1.117	1.106	1.096	1.085	1.075	1.065	1.056	1.046
5.25	1.212	1.200	1.188	1.176	1.164	1.153	1.141	1.130	1.119	1.109	1.098	1.088	1.078	1.068	1.058	1.048
5.50	1.215	1.203	1.190	1.178	1.167	1.155	1.144	1.133	1.122	1.111	1.100	1.090	1.080	1.070	1.060	1.050
5.75	1.218	1.205	1.193	1.181	1.169	1.157	1.146	1.135	1.124	1.113	1.103	1.092	1.082	1.072	1.062	1.052
6.00	1.220	1.208	1.195	1.183	1.172	1.160	1.149	1.137	1.126	1.116	1.105	1.094	1.084	1.074	1.064	1.055
6.25	1.223	1.210	1.198	1.186	1.174	1.162	1.151	1.140	1.129	1.118	1.107	1.097	1.086	1.076	1.066	1.057
6.50	1.226	1.213	1.201	1.189	1.177	1.165	1.153	1.142	1.131	1.120	1.109	1.099	1.089	1.079	1.069	1.059
6.75	1.228	1.216	1.203	1.191	1.179	1.167	1.156	1.145	1.133	1.123	1.112	1.101	1.091	1.081	1.071	1.061
7.00	1.231	1.218	1.206	1.194	1.182	1.170	1.158	1.147	1.136	1.125	1.114	1.104	1.093	1.083	1.073	1.063
7.25	1.234	1.221	1.208	1.196	1.184	1.172	1.161	1.149	1.138	1.127	1.116	1.106	1.095	1.085	1.075	1.065
7.50	1.236	1.224	1.211	1.199	1.187	1.175	1.163	1.152	1.141	1.130	1.119	1.108	1.098	1.087	1.077	1.067
7.75	1.239	1.226	1.214	1.201	1.189	1.177	1.166	1.154	1.143	1.132	1.121	1.110	1.100	1.090	1.079	1.070
8.00	1.242	1.229	1.216	1.204	1.192	1.180	1.168	1.157	1.145	1.134	1.123	1.113	1.102	1.092	1.082	1.072
8.25	1.245	1.232	1.219	1.207	1.194	1.182	1.171	1.159	1.148	1.137	1.126	1.115	1.104	1.094	1.084	1.074
8.50	1.247	1.234	1.222	1.209	1.197	1.185	1.173	1.162	1.150	1.139	1.128	1.117	1.107	1.096	1.086	1.076
8.75	1.250	1.237	1.224	1.212	1.199	1.187	1.176	1.164	1.153	1.141	1.130	1.120	1.109	1.099	1.088	1.078
9.00	1.253	1.240	1.227	1.214	1.202	1.190	1.178	1.166	1.155	1.144	1.133	1.122	1.111	1.101	1.090	1.080
9.25	1.256	1.242	1.230	1.217	1.205	1.193	1.181	1.169	1.157	1.146	1.135	1.124	1.113	1.103	1.093	1.083
9.50	1.258	1.245	1.232	1.220	1.207	1.195	1.183	1.171	1.160	1.149	1.137	1.126	1.116	1.105	1.095	1.085
9.75	1.261	1.248	1.235	1.222	1.210	1.198	1.186	1.174	1.162	1.151	1.140	1.129	1.118	1.108	1.097	1.087

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	702	704	706	708	710	712	714	716	718	720	722	724	726	728	730	732
10.00	1.264	1.251	1.238	1.225	1.212	1.200	1.188	1.176	1.165	1.153	1.142	1.131	1.120	1.110	1.099	1.089
10.25	1.267	1.253	1.240	1.228	1.215	1.203	1.191	1.179	1.167	1.156	1.145	1.133	1.123	1.112	1.102	1.091
10.50	1.269	1.256	1.243	1.230	1.218	1.205	1.193	1.181	1.170	1.158	1.147	1.136	1.125	1.114	1.104	1.094
10.75	1.272	1.259	1.246	1.233	1.220	1.208	1.196	1.184	1.172	1.161	1.149	1.138	1.127	1.117	1.106	1.096
11.00	1.275	1.262	1.248	1.236	1.223	1.210	1.198	1.186	1.175	1.163	1.152	1.141	1.130	1.119	1.108	1.098
11.25	1.278	1.264	1.251	1.238	1.225	1.213	1.201	1.189	1.177	1.165	1.154	1.143	1.132	1.121	1.111	1.100
11.50	1.281	1.267	1.254	1.241	1.228	1.216	1.203	1.191	1.179	1.168	1.156	1.145	1.134	1.123	1.113	1.102
11.75	1.283	1.270	1.257	1.244	1.231	1.218	1.206	1.194	1.182	1.170	1.159	1.148	1.137	1.126	1.115	1.105
12.00	1.286	1.273	1.259	1.246	1.233	1.221	1.208	1.196	1.184	1.173	1.161	1.150	1.139	1.128	1.117	1.107
12.25	1.289	1.275	1.262	1.249	1.236	1.223	1.211	1.199	1.187	1.175	1.164	1.152	1.141	1.130	1.120	1.109
12.50	1.292	1.278	1.265	1.252	1.239	1.226	1.214	1.201	1.189	1.178	1.166	1.155	1.144	1.133	1.122	1.111
12.75	1.295	1.281	1.267	1.254	1.241	1.229	1.216	1.204	1.192	1.180	1.168	1.157	1.146	1.135	1.124	1.114
13.00	1.297	1.284	1.270	1.257	1.244	1.231	1.219	1.206	1.194	1.183	1.171	1.159	1.148	1.137	1.126	1.116
13.25	1.300	1.286	1.273	1.260	1.247	1.234	1.221	1.209	1.197	1.185	1.173	1.162	1.151	1.140	1.129	1.118
13.50	1.303	1.289	1.276	1.262	1.249	1.236	1.224	1.211	1.199	1.187	1.176	1.164	1.153	1.142	1.131	1.120
13.75	1.306	1.292	1.278	1.265	1.252	1.239	1.226	1.214	1.202	1.190	1.178	1.167	1.155	1.144	1.133	1.123
14.00	1.309	1.295	1.281	1.268	1.255	1.242	1.229	1.217	1.204	1.192	1.181	1.169	1.158	1.147	1.136	1.125
14.25	1.312	1.298	1.284	1.271	1.257	1.244	1.232	1.219	1.207	1.195	1.183	1.171	1.160	1.149	1.138	1.127
14.50	1.315	1.301	1.287	1.273	1.260	1.247	1.234	1.222	1.209	1.197	1.186	1.174	1.162	1.151	1.140	1.129
14.75	1.318	1.303	1.290	1.276	1.263	1.250	1.237	1.224	1.212	1.200	1.188	1.176	1.165	1.154	1.143	1.132
15.00	1.320	1.306	1.292	1.279	1.265	1.252	1.240	1.227	1.215	1.202	1.190	1.179	1.167	1.156	1.145	1.134
15.25	1.323	1.309	1.295	1.282	1.268	1.255	1.242	1.229	1.217	1.205	1.193	1.181	1.170	1.158	1.147	1.136
15.50	1.326	1.312	1.298	1.284	1.271	1.258	1.245	1.232	1.220	1.207	1.195	1.184	1.172	1.161	1.150	1.139
15.75	1.329	1.315	1.301	1.287	1.274	1.260	1.247	1.235	1.222	1.210	1.198	1.186	1.174	1.163	1.152	1.141
16.00	1.332	1.318	1.304	1.290	1.276	1.263	1.250	1.237	1.225	1.212	1.200	1.189	1.177	1.165	1.154	1.143
16.25	1.335	1.321	1.306	1.293	1.279	1.266	1.253	1.240	1.227	1.215	1.203	1.191	1.179	1.168	1.157	1.145
16.50	1.338	1.323	1.309	1.295	1.282	1.268	1.255	1.243	1.230	1.218	1.205	1.193	1.182	1.170	1.159	1.148
16.75	1.341	1.326	1.312	1.298	1.285	1.271	1.258	1.245	1.233	1.220	1.208	1.196	1.184	1.173	1.161	1.150
17.00	1.344	1.329	1.315	1.301	1.287	1.274	1.261	1.248	1.235	1.223	1.210	1.198	1.187	1.175	1.164	1.152
17.25	1.347	1.332	1.318	1.304	1.290	1.277	1.263	1.250	1.238	1.225	1.213	1.201	1.189	1.177	1.166	1.155
17.50	1.350	1.335	1.321	1.307	1.293	1.279	1.266	1.253	1.240	1.228	1.215	1.203	1.191	1.180	1.168	1.157
17.75	1.353	1.338	1.324	1.309	1.296	1.282	1.269	1.256	1.243	1.230	1.218	1.206	1.194	1.182	1.171	1.159
18.00	1.356	1.341	1.326	1.312	1.298	1.285	1.271	1.258	1.246	1.233	1.220	1.208	1.196	1.185	1.173	1.162
18.25	1.359	1.344	1.329	1.315	1.301	1.288	1.274	1.261	1.248	1.235	1.223	1.211	1.199	1.187	1.175	1.164
18.50	1.361	1.347	1.332	1.318	1.304	1.290	1.277	1.264	1.251	1.238	1.226	1.213	1.201	1.189	1.178	1.166
18.75	1.364	1.350	1.335	1.321	1.307	1.293	1.280	1.266	1.253	1.241	1.228	1.216	1.204	1.192	1.180	1.169
19.00	1.367	1.353	1.338	1.324	1.310	1.296	1.282	1.269	1.256	1.243	1.231	1.218	1.206	1.194	1.183	1.171
19.25	1.370	1.355	1.341	1.327	1.312	1.299	1.285	1.272	1.259	1.246	1.233	1.221	1.209	1.197	1.185	1.174
19.50	1.373	1.358	1.344	1.329	1.315	1.301	1.288	1.274	1.261	1.248	1.236	1.223	1.211	1.199	1.187	1.176
19.75	1.376	1.361	1.347	1.332	1.318	1.304	1.290	1.277	1.264	1.251	1.238	1.226	1.214	1.202	1.190	1.178

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE															
	702	704	706	708	710	712	714	716	718	720	722	724	726	728	730	732
20.00	1.379	1.364	1.350	1.335	1.321	1.307	1.293	1.280	1.267	1.254	1.241	1.228	1.216	1.204	1.192	1.181
20.25	1.383	1.367	1.352	1.338	1.324	1.310	1.296	1.282	1.269	1.256	1.243	1.231	1.219	1.207	1.195	1.183
20.50	1.386	1.370	1.355	1.341	1.327	1.312	1.299	1.285	1.272	1.259	1.246	1.233	1.221	1.209	1.197	1.185
20.75	1.389	1.373	1.358	1.344	1.329	1.315	1.301	1.288	1.275	1.261	1.249	1.236	1.224	1.212	1.200	1.188
21.00	1.392	1.376	1.361	1.347	1.332	1.318	1.304	1.291	1.277	1.264	1.251	1.239	1.226	1.214	1.202	1.190
21.25	1.395	1.379	1.364	1.350	1.335	1.321	1.307	1.293	1.280	1.267	1.254	1.241	1.229	1.216	1.204	1.193
21.50	1.398	1.382	1.367	1.352	1.338	1.324	1.310	1.296	1.283	1.269	1.256	1.244	1.231	1.219	1.207	1.195
21.75	1.401	1.385	1.370	1.355	1.341	1.327	1.312	1.299	1.285	1.272	1.259	1.246	1.234	1.221	1.209	1.197
22.00	1.404	1.388	1.373	1.358	1.344	1.329	1.315	1.301	1.288	1.275	1.262	1.249	1.236	1.224	1.212	1.200
22.25	1.407	1.391	1.376	1.361	1.347	1.332	1.318	1.304	1.291	1.277	1.264	1.251	1.239	1.226	1.214	1.202
22.50	1.410	1.394	1.379	1.364	1.349	1.335	1.321	1.307	1.293	1.280	1.267	1.254	1.241	1.229	1.217	1.205
22.75	1.413	1.397	1.382	1.367	1.352	1.338	1.324	1.310	1.296	1.283	1.269	1.257	1.244	1.231	1.219	1.207
23.00	1.416	1.400	1.385	1.370	1.355	1.341	1.326	1.312	1.299	1.285	1.272	1.259	1.246	1.234	1.222	1.210
23.25	1.419	1.404	1.388	1.373	1.358	1.344	1.329	1.315	1.302	1.288	1.275	1.262	1.249	1.236	1.224	1.212
23.50	1.422	1.407	1.391	1.376	1.361	1.346	1.332	1.318	1.304	1.291	1.277	1.264	1.252	1.239	1.227	1.215
23.75	1.426	1.410	1.394	1.379	1.364	1.349	1.335	1.321	1.307	1.293	1.280	1.267	1.254	1.242	1.229	1.217
24.00	1.429	1.413	1.397	1.382	1.367	1.352	1.338	1.324	1.310	1.296	1.283	1.270	1.257	1.244	1.232	1.219
24.25	1.432	1.416	1.400	1.385	1.370	1.355	1.341	1.326	1.312	1.299	1.285	1.272	1.259	1.247	1.234	1.222
24.50	1.435	1.419	1.403	1.388	1.373	1.358	1.343	1.329	1.315	1.301	1.288	1.275	1.262	1.249	1.237	1.224
24.75	1.438	1.422	1.406	1.391	1.376	1.361	1.346	1.332	1.318	1.304	1.291	1.277	1.264	1.252	1.239	1.227
25.00	1.441	1.425	1.409	1.394	1.379	1.364	1.349	1.335	1.321	1.307	1.293	1.280	1.267	1.254	1.242	1.229
25.25	1.444	1.428	1.412	1.397	1.382	1.367	1.352	1.338	1.324	1.310	1.296	1.283	1.270	1.257	1.244	1.232
25.50	1.448	1.431	1.415	1.400	1.385	1.370	1.355	1.340	1.326	1.312	1.299	1.285	1.272	1.259	1.247	1.234
25.75	1.451	1.434	1.418	1.403	1.388	1.373	1.358	1.343	1.329	1.315	1.301	1.288	1.275	1.262	1.249	1.237
26.00	1.454	1.438	1.422	1.406	1.390	1.375	1.361	1.346	1.332	1.318	1.304	1.291	1.277	1.265	1.252	1.239
26.25	1.457	1.441	1.425	1.409	1.393	1.378	1.363	1.349	1.335	1.321	1.307	1.293	1.280	1.267	1.254	1.242
26.50	1.460	1.444	1.428	1.412	1.396	1.381	1.366	1.352	1.337	1.323	1.310	1.296	1.283	1.270	1.257	1.244
26.75	1.463	1.447	1.431	1.415	1.399	1.384	1.369	1.355	1.340	1.326	1.312	1.299	1.285	1.272	1.259	1.247
27.00	1.467	1.450	1.434	1.418	1.402	1.387	1.372	1.357	1.343	1.329	1.315	1.301	1.288	1.275	1.262	1.249
27.25	1.470	1.453	1.437	1.421	1.405	1.390	1.375	1.360	1.346	1.332	1.318	1.304	1.291	1.277	1.265	1.252
27.50	1.473	1.456	1.440	1.424	1.408	1.393	1.378	1.363	1.349	1.334	1.320	1.307	1.293	1.280	1.267	1.254
27.75	1.476	1.460	1.443	1.427	1.411	1.396	1.381	1.366	1.352	1.337	1.323	1.309	1.296	1.283	1.270	1.257
28.00	1.480	1.463	1.446	1.430	1.415	1.399	1.384	1.369	1.354	1.340	1.326	1.312	1.299	1.285	1.272	1.259
28.25	1.483	1.466	1.450	1.433	1.418	1.402	1.387	1.372	1.357	1.343	1.329	1.315	1.301	1.288	1.275	1.262
28.50	1.486	1.469	1.453	1.437	1.421	1.405	1.390	1.375	1.360	1.346	1.331	1.318	1.304	1.291	1.277	1.265
28.75	1.489	1.472	1.456	1.440	1.424	1.408	1.393	1.378	1.363	1.348	1.334	1.320	1.307	1.293	1.280	1.267
29.00	1.493	1.476	1.459	1.443	1.427	1.411	1.396	1.381	1.366	1.351	1.337	1.323	1.309	1.296	1.283	1.270
29.25	1.496	1.479	1.462	1.446	1.430	1.414	1.399	1.383	1.369	1.354	1.340	1.326	1.312	1.299	1.285	1.272
29.50	1.499	1.482	1.465	1.449	1.433	1.417	1.402	1.386	1.372	1.357	1.343	1.328	1.315	1.301	1.288	1.275
29.75	1.502	1.485	1.468	1.452	1.436	1.420	1.404	1.389	1.374	1.360	1.345	1.331	1.317	1.304	1.290	1.277

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE															
	702	704	706	708	710	712	714	716	718	720	722	724	726	728	730	732
30.00	1.506	1.489	1.472	1.455	1.439	1.423	1.407	1.392	1.377	1.363	1.348	1.334	1.320	1.306	1.293	1.280
30.25	1.509	1.492	1.475	1.458	1.442	1.426	1.410	1.395	1.380	1.365	1.351	1.337	1.323	1.309	1.296	1.283
30.50	1.512	1.495	1.478	1.461	1.445	1.429	1.413	1.398	1.383	1.368	1.354	1.339	1.325	1.312	1.298	1.285
30.75	1.516	1.498	1.481	1.465	1.448	1.432	1.416	1.401	1.386	1.371	1.357	1.342	1.328	1.314	1.301	1.288
31.00	1.519	1.502	1.484	1.468	1.451	1.435	1.419	1.404	1.389	1.374	1.359	1.345	1.331	1.317	1.304	1.290
31.25	1.522	1.505	1.488	1.471	1.454	1.438	1.422	1.407	1.392	1.377	1.362	1.348	1.334	1.320	1.306	1.293
31.50	1.526	1.508	1.491	1.474	1.458	1.441	1.425	1.410	1.395	1.380	1.365	1.351	1.336	1.323	1.309	1.296
31.75	1.529	1.511	1.494	1.477	1.461	1.444	1.429	1.413	1.398	1.383	1.368	1.353	1.339	1.325	1.312	1.298
32.00	1.532	1.515	1.497	1.480	1.464	1.448	1.432	1.416	1.401	1.385	1.371	1.356	1.342	1.328	1.314	1.301
32.25	1.536	1.518	1.501	1.484	1.467	1.451	1.435	1.419	1.403	1.388	1.374	1.359	1.345	1.331	1.317	1.303
32.50	1.539	1.521	1.504	1.487	1.470	1.454	1.438	1.422	1.406	1.391	1.376	1.362	1.347	1.333	1.320	1.306
32.75	1.542	1.525	1.507	1.490	1.473	1.457	1.441	1.425	1.409	1.394	1.379	1.365	1.350	1.336	1.322	1.309
33.00	1.546	1.528	1.510	1.493	1.476	1.460	1.444	1.428	1.412	1.397	1.382	1.367	1.353	1.339	1.325	1.311
33.25	1.549	1.531	1.514	1.497	1.480	1.463	1.447	1.431	1.415	1.400	1.385	1.370	1.356	1.342	1.328	1.314
33.50	1.553	1.535	1.517	1.500	1.483	1.466	1.450	1.434	1.418	1.403	1.388	1.373	1.358	1.344	1.330	1.317
33.75	1.556	1.538	1.520	1.503	1.486	1.469	1.453	1.437	1.421	1.406	1.391	1.376	1.361	1.347	1.333	1.319
34.00	1.559	1.541	1.524	1.506	1.489	1.472	1.456	1.440	1.424	1.409	1.394	1.379	1.364	1.350	1.336	1.322
34.25	1.563	1.545	1.527	1.509	1.492	1.476	1.459	1.443	1.427	1.412	1.397	1.382	1.367	1.353	1.338	1.325
34.50	1.566	1.548	1.530	1.513	1.496	1.479	1.462	1.446	1.430	1.415	1.399	1.384	1.370	1.355	1.341	1.327
34.75	1.570	1.551	1.533	1.516	1.499	1.482	1.465	1.449	1.433	1.418	1.402	1.387	1.372	1.358	1.344	1.330
35.00	1.573	1.555	1.537	1.51	1.502	1.485	1.468	1.452	1.436	1.421	1.405	1.390	1.375	1.361	1.347	1.333
35.25	1.577	1.558	1.540	1.522	1.505	1.488	1.471	1.455	1.439	1.424	1.408	1.393	1.378	1.364	1.349	1.335
35.50	1.580	1.562	1.543	1.526	1.508	1.491	1.475	1.458	1.442	1.426	1.411	1.396	1.381	1.366	1.352	1.338
35.75	1.584	1.565	1.547	1.529	1.512	1.495	1.478	1.461	1.445	1.429	1.414	1.399	1.384	1.369	1.355	1.341
36.00	1.587	1.568	1.550	1.532	1.515	1.498	1.481	1.464	1.448	1.432	1.417	1.402	1.387	1.372	1.358	1.343
36.25	1.590	1.572	1.554	1.536	1.518	1.501	1.484	1.467	1.451	1.435	1.420	1.405	1.389	1.375	1.360	1.346
36.50	1.594	1.575	1.557	1.539	1.521	1.504	1.487	1.471	1.454	1.438	1.423	1.407	1.392	1.378	1.363	1.349
36.75	1.597	1.579	1.560	1.542	1.525	1.507	1.490	1.474	1.457	1.441	1.426	1.410	1.395	1.380	1.366	1.352
37.00	1.601	1.582	1.564	1.546	1.528	1.511	1.493	1.477	1.460	1.444	1.429	1.413	1.398	1.383	1.369	1.354
37.25	1.604	1.586	1.567	1.549	1.531	1.514	1.497	1.480	1.464	1.447	1.432	1.416	1.401	1.386	1.371	1.357
37.50	1.608	1.589	1.570	1.552	1.534	1.517	1.500	1.483	1.467	1.450	1.435	1.419	1.404	1.389	1.374	1.360
37.75	1.611	1.592	1.574	1.556	1.538	1.520	1.503	1.486	1.470	1.453	1.438	1.422	1.407	1.392	1.377	1.363
38.00	1.615	1.596	1.577	1.559	1.541	1.523	1.506	1.489	1.473	1.456	1.441	1.425	1.410	1.395	1.380	1.365
38.25	1.619	1.599	1.581	1.562	1.544	1.527	1.509	1.492	1.476	1.460	1.444	1.428	1.412	1.397	1.383	1.368
38.50	1.622	1.603	1.584	1.566	1.548	1.530	1.513	1.496	1.479	1.463	1.447	1.431	1.415	1.400	1.385	1.371
38.75	1.626	1.606	1.588	1.569	1.551	1.533	1.516	1.499	1.482	1.466	1.450	1.434	1.418	1.403	1.388	1.374
39.00	1.629	1.610	1.591	1.572	1.554	1.537	1.519	1.502	1.485	1.469	1.453	1.437	1.421	1.406	1.391	1.376
39.25	1.633	1.613	1.594	1.576	1.558	1.540	1.522	1.505	1.488	1.472	1.456	1.440	1.424	1.409	1.394	1.379
39.50	1.636	1.617	1.598	1.579	1.561	1.543	1.525	1.508	1.491	1.475	1.459	1.443	1.427	1.412	1.397	1.382
39.75	1.640	1.620	1.601	1.583	1.564	1.546	1.529	1.511	1.495	1.478	1.462	1.446	1.430	1.415	1.400	1.385

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE															
	702	704	706	708	710	712	714	716	718	720	722	724	726	728	730	732
40.00	1.644	1.624	1.605	1.586	1.568	1.550	1.532	1.515	1.498	1.481	1.465	1.449	1.433	1.418	1.402	1.388
40.25	1.647	1.627	1.608	1.590	1.571	1.553	1.535	1.518	1.501	1.484	1.468	1.452	1.436	1.420	1.405	1.390
40.50	1.651	1.631	1.612	1.593	1.574	1.556	1.538	1.521	1.504	1.487	1.471	1.455	1.439	1.423	1.408	1.393
40.75	1.654	1.635	1.615	1.596	1.578	1.560	1.542	1.524	1.507	1.490	1.474	1.458	1.442	1.426	1.411	1.396
41.00	1.658	1.638	1.619	1.600	1.581	1.563	1.545	1.527	1.510	1.493	1.477	1.461	1.445	1.429	1.414	1.399
41.25	1.662	1.642	1.622	1.603	1.585	1.566	1.548	1.531	1.513	1.497	1.480	1.464	1.448	1.432	1.417	1.402
41.50	1.665	1.645	1.626	1.607	1.588	1.570	1.552	1.534	1.517	1.500	1.483	1.467	1.451	1.435	1.420	1.404
41.75	1.669	1.649	1.629	1.610	1.591	1.573	1.555	1.537	1.520	1.503	1.486	1.470	1.454	1.438	1.422	1.407
42.00	1.673	1.652	1.633	1.614	1.595	1.576	1.558	1.540	1.523	1.506	1.489	1.473	1.457	1.441	1.425	1.410
42.25	1.676	1.656	1.636	1.617	1.598	1.580	1.561	1.544	1.526	1.509	1.492	1.476	1.460	1.444	1.428	1.413
42.50	1.680	1.660	1.640	1.621	1.602	1.583	1.565	1.547	1.529	1.512	1.495	1.479	1.463	1.447	1.431	1.416
42.75	1.684	1.663	1.643	1.624	1.605	1.586	1.568	1.550	1.533	1.515	1.498	1.482	1.466	1.450	1.434	1.419
43.00	1.687	1.667	1.647	1.628	1.608	1.590	1.571	1.553	1.536	1.518	1.502	1.485	1.469	1.453	1.437	1.422
43.25	1.691	1.671	1.651	1.631	1.612	1.593	1.575	1.557	1.539	1.522	1.505	1.488	1.472	1.456	1.440	1.424
43.50	1.695	1.674	1.654	1.635	1.615	1.597	1.578	1.560	1.542	1.525	1.508	1.491	1.475	1.459	1.443	1.427
43.75	1.698	1.678	1.658	1.638	1.619	1.600	1.581	1.563	1.546	1.528	1.511	1.494	1.478	1.462	1.446	1.430
44.00	1.702	1.682	1.661	1.642	1.622	1.603	1.585	1.567	1.549	1.531	1.514	1.497	1.481	1.465	1.449	1.433
44.25	1.706	1.685	1.665	1.645	1.626	1.607	1.588	1.570	1.552	1.534	1.517	1.500	1.484	1.468	1.452	1.436
44.50	1.710	1.689	1.669	1.649	1.629	1.610	1.591	1.573	1.555	1.538	1.520	1.503	1.487	1.471	1.455	1.439
44.75	1.713	1.693	1.672	1.652	1.633	1.614	1.595	1.576	1.558	1.541	1.523	1.506	1.490	1.474	1.457	1.442
45.00	1.717	1.696	1.676	1.656	1.636	1.617	1.598	1.580	1.562	1.544	1.527	1.510	1.493	1.477	1.460	1.445
45.25	1.721	1.700	1.679	1.659	1.640	1.621	1.602	1.583	1.565	1.547	1.530	1.513	1.496	1.480	1.463	1.448
45.50	1.725	1.704	1.683	1.663	1.643	1.624	1.605	1.586	1.568	1.550	1.533	1.516	1.499	1.483	1.466	1.451
45.75	1.728	1.707	1.687	1.667	1.647	1.627	1.608	1.590	1.572	1.554	1.536	1.519	1.502	1.486	1.469	1.453
46.00	1.732	1.711	1.690	1.670	1.650	1.631	1.612	1.593	1.575	1.557	1.539	1.522	1.505	1.489	1.472	1.456
46.25	1.736	1.715	1.694	1.674	1.654	1.634	1.615	1.597	1.578	1.560	1.543	1.525	1.508	1.492	1.475	1.459
46.50	1.740	1.719	1.698	1.677	1.657	1.638	1.619	1.600	1.582	1.563	1.546	1.528	1.511	1.495	1.478	1.462
46.75	1.744	1.722	1.701	1.681	1.661	1.641	1.622	1.603	1.585	1.567	1.549	1.532	1.514	1.498	1.481	1.465
47.00	1.747	1.726	1.705	1.685	1.665	1.645	1.626	1.607	1.588	1.570	1.552	1.535	1.518	1.501	1.484	1.468
47.25	1.751	1.730	1.709	1.688	1.668	1.648	1.629	1.610	1.591	1.573	1.555	1.538	1.521	1.504	1.487	1.471
47.50	1.755	1.734	1.713	1.692	1.672	1.652	1.632	1.613	1.595	1.577	1.559	1.541	1.524	1.507	1.490	1.474
47.75	1.759	1.737	1.716	1.696	1.675	1.655	1.636	1.617	1.598	1.580	1.562	1.544	1.527	1.510	1.493	1.477
48.00	1.763	1.741	1.720	1.699	1.679	1.659	1.639	1.620	1.602	1.583	1.565	1.547	1.530	1.513	1.496	1.480
48.25	1.767	1.745	1.724	1.703	1.682	1.662	1.643	1.624	1.605	1.586	1.568	1.551	1.533	1.516	1.499	1.483
48.50	1.771	1.749	1.727	1.707	1.686	1.666	1.646	1.627	1.608	1.590	1.572	1.554	1.536	1.519	1.503	1.486
48.75	1.774	1.753	1.731	1.710	1.690	1.670	1.650	1.631	1.612	1.593	1.575	1.557	1.540	1.522	1.506	1.489
49.00	1.778	1.756	1.735	1.714	1.693	1.673	1.653	1.634	1.615	1.596	1.578	1.560	1.543	1.526	1.509	1.492
49.25	1.782	1.760	1.739	1.718	1.697	1.677	1.657	1.637	1.618	1.600	1.581	1.563	1.546	1.529	1.512	1.495
49.50	1.786	1.764	1.742	1.721	1.701	1.680	1.660	1.641	1.622	1.603	1.585	1.567	1.549	1.532	1.515	1.498
49.75	1.790	1.768	1.746	1.725	1.704	1.684	1.664	1.644	1.625	1.606	1.588	1.570	1.552	1.535	1.518	1.501

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE															
	702	704	706	708	710	712	714	716	718	720	722	724	726	728	730	732
50.00	1.794	1.772	1.750	1.729	1.708	1.687	1.667	1.648	1.629	1.610	1.591	1.573	1.555	1.538	1.521	1.504
50.25	1.798	1.776	1.754	1.732	1.712	1.691	1.671	1.651	1.632	1.613	1.595	1.576	1.559	1.541	1.524	1.507
50.50	1.802	1.779	1.758	1.736	1.715	1.695	1.674	1.655	1.635	1.616	1.598	1.580	1.562	1.544	1.527	1.510
50.75	1.806	1.783	1.761	1.740	1.719	1.698	1.678	1.658	1.639	1.620	1.601	1.583	1.565	1.547	1.530	1.513
51.00	1.810	1.787	1.765	1.744	1.723	1.702	1.682	1.662	1.642	1.623	1.605	1.586	1.568	1.551	1.533	1.516
51.25	1.814	1.791	1.769	1.747	1.726	1.706	1.685	1.665	1.646	1.627	1.608	1.589	1.571	1.554	1.536	1.519
51.50	1.818	1.795	1.773	1.751	1.730	1.709	1.689	1.669	1.649	1.630	1.611	1.593	1.575	1.557	1.540	1.522
51.75	1.822	1.799	1.777	1.755	1.734	1.713	1.692	1.672	1.653	1.633	1.615	1.596	1.578	1.560	1.543	1.526
52.00	1.826	1.803	1.781	1.759	1.737	1.716	1.696	1.676	1.656	1.637	1.618	1.599	1.581	1.563	1.546	1.529
52.25	1.830	1.807	1.784	1.763	1.741	1.720	1.699	1.679	1.660	1.640	1.621	1.603	1.584	1.566	1.549	1.532
52.50	1.834	1.811	1.788	1.766	1.745	1.724	1.703	1.683	1.663	1.644	1.625	1.606	1.588	1.570	1.552	1.535
52.75	1.838	1.815	1.792	1.770	1.749	1.727	1.707	1.686	1.667	1.647	1.628	1.609	1.591	1.573	1.555	1.538
53.00	1.842	1.819	1.796	1.774	1.752	1.731	1.710	1.690	1.670	1.650	1.631	1.613	1.594	1.576	1.558	1.541
53.25	1.846	1.823	1.800	1.778	1.756	1.735	1.714	1.694	1.674	1.654	1.635	1.616	1.597	1.579	1.562	1.544
53.50	1.850	1.827	1.804	1.782	1.760	1.739	1.718	1.697	1.677	1.657	1.638	1.619	1.601	1.583	1.565	1.547
53.75	1.854	1.831	1.808	1.786	1.764	1.742	1.721	1.701	1.681	1.661	1.642	1.623	1.604	1.586	1.568	1.550
54.00	1.858	1.835	1.812	1.789	1.767	1.746	1.725	1.704	1.684	1.664	1.645	1.626	1.607	1.589	1.571	1.554
54.25	1.862	1.838	1.816	1.793	1.771	1.750	1.729	1.708	1.688	1.668	1.648	1.629	1.611	1.592	1.574	1.557
54.50	1.866	1.843	1.820	1.797	1.775	1.753	1.732	1.711	1.691	1.671	1.652	1.633	1.614	1.596	1.577	1.560
54.75	1.870	1.847	1.823	1.801	1.779	1.757	1.736	1.715	1.695	1.675	1.655	1.636	1.617	1.599	1.581	1.563
55.00	1.874	1.851	1.827	1.805	1.783	1.761	1.740	1.719	1.698	1.678	1.659	1.639	1.620	1.602	1.584	1.566
55.25	1.878	1.855	1.831	1.809	1.786	1.765	1.743	1.722	1.702	1.682	1.662	1.643	1.624	1.605	1.587	1.569
55.50	1.882	1.859	1.835	1.813	1.790	1.768	1.747	1.726	1.705	1.685	1.666	1.646	1.627	1.609	1.590	1.572
55.75	1.887	1.863	1.839	1.817	1.794	1.772	1.751	1.730	1.709	1.689	1.669	1.650	1.630	1.612	1.594	1.576
56.00	1.891	1.867	1.843	1.820	1.798	1.776	1.754	1.733	1.713	1.692	1.672	1.653	1.634	1.615	1.597	1.579
56.25	1.895	1.871	1.847	1.824	1.802	1.780	1.758	1.737	1.716	1.696	1.676	1.656	1.637	1.618	1.600	1.582
56.50	1.899	1.875	1.851	1.828	1.806	1.784	1.762	1.741	1.720	1.699	1.679	1.660	1.641	1.622	1.603	1.585
56.75	1.903	1.879	1.855	1.832	1.810	1.787	1.766	1.744	1.723	1.703	1.683	1.663	1.644	1.625	1.607	1.588
57.00	1.907	1.883	1.859	1.836	1.813	1.791	1.769	1.748	1.727	1.706	1.686	1.667	1.647	1.628	1.610	1.592
57.25	1.912	1.887	1.863	1.840	1.817	1.795	1.773	1.752	1.731	1.710	1.690	1.670	1.651	1.632	1.613	1.595
57.50	1.916	1.891	1.867	1.844	1.821	1.799	1.777	1.755	1.734	1.714	1.693	1.674	1.654	1.635	1.616	1.598
57.75	1.920	1.895	1.871	1.848	1.825	1.803	1.781	1.759	1.738	1.717	1.697	1.677	1.657	1.638	1.620	1.601
58.00	1.924	1.900	1.876	1.852	1.829	1.806	1.784	1.763	1.742	1.721	1.700	1.680	1.661	1.642	1.623	1.605
58.25	1.928	1.904	1.880	1.856	1.833	1.810	1.788	1.766	1.745	1.724	1.704	1.684	1.664	1.645	1.626	1.608
58.50	1.933	1.908	1.884	1.860	1.837	1.814	1.792	1.770	1.749	1.728	1.707	1.687	1.668	1.648	1.630	1.611
58.75	1.937	1.912	1.888	1.864	1.841	1.818	1.796	1.774	1.753	1.732	1.711	1.691	1.671	1.652	1.633	1.614
59.00	1.941	1.916	1.892	1.868	1.845	1.822	1.800	1.778	1.756	1.735	1.715	1.694	1.675	1.655	1.636	1.618
59.25	1.945	1.920	1.896	1.872	1.849	1.826	1.803	1.781	1.760	1.739	1.718	1.698	1.678	1.659	1.639	1.621
59.50	1.950	1.925	1.900	1.876	1.853	1.830	1.807	1.785	1.764	1.742	1.722	1.701	1.681	1.662	1.643	1.624
59.75	1.954	1.929	1.904	1.880	1.857	1.834	1.811	1.789	1.767	1.746	1.725	1.705	1.685	1.665	1.646	1.627

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000
DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE

TEMP DEG C	702	704	706	708	710	712	714	716	718	720	722	724	726	728	730	732
60.00	1.958	1.933	1.908	1.884	1.861	1.838	1.815	1.793	1.771	1.750	1.729	1.708	1.688	1.669	1.649	1.631
60.25	1.962	1.937	1.912	1.888	1.865	1.841	1.819	1.796	1.775	1.753	1.732	1.712	1.692	1.672	1.653	1.634
60.50	1.967	1.941	1.917	1.892	1.869	1.845	1.823	1.800	1.778	1.757	1.736	1.715	1.695	1.676	1.656	1.637
60.75	1.971	1.946	1.921	1.896	1.873	1.849	1.826	1.804	1.782	1.761	1.740	1.719	1.699	1.679	1.660	1.641
61.00	1.975	1.950	1.925	1.901	1.877	1.853	1.830	1.808	1.786	1.764	1.743	1.722	1.702	1.682	1.663	1.644
61.25	1.980	1.954	1.929	1.905	1.881	1.857	1.834	1.812	1.790	1.768	1.747	1.726	1.706	1.686	1.666	1.647
61.50	1.984	1.958	1.933	1.909	1.885	1.861	1.838	1.815	1.793	1.772	1.750	1.730	1.709	1.689	1.670	1.650
61.75	1.988	1.963	1.937	1.913	1.889	1.865	1.842	1.819	1.797	1.775	1.754	1.733	1.713	1.693	1.673	1.654
62.00	1.993	1.967	1.942	1.917	1.893	1.869	1.846	1.823	1.801	1.779	1.758	1.737	1.716	1.696	1.676	1.657
62.25	1.997	1.971	1.946	1.921	1.897	1.873	1.850	1.827	1.805	1.783	1.761	1.740	1.720	1.700	1.680	1.661
62.50	2.002	1.975	1.950	1.925	1.901	1.877	1.854	1.831	1.808	1.787	1.765	1.744	1.723	1.703	1.683	1.664
62.75	2.006	1.980	1.954	1.929	1.905	1.881	1.858	1.835	1.812	1.790	1.769	1.748	1.727	1.707	1.687	1.667
63.00	2.010	1.984	1.959	1.934	1.909	1.885	1.862	1.839	1.816	1.794	1.772	1.751	1.730	1.710	1.690	1.671
63.25	2.015	1.988	1.963	1.938	1.913	1.889	1.865	1.842	1.820	1.798	1.776	1.755	1.734	1.714	1.694	1.674
63.50	2.019	1.993	1.967	1.942	1.917	1.893	1.869	1.846	1.824	1.801	1.780	1.758	1.737	1.717	1.697	1.677
63.75	2.024	1.997	1.971	1.946	1.921	1.897	1.873	1.850	1.828	1.805	1.783	1.762	1.741	1.721	1.700	1.681
64.00	2.028	2.001	1.976	1.950	1.925	1.901	1.877	1.854	1.831	1.809	1.787	1.766	1.745	1.724	1.704	1.684
64.25	2.032	2.006	1.980	1.954	1.930	1.905	1.881	1.858	1.835	1.813	1.791	1.769	1.748	1.728	1.707	1.688
64.50	2.037	2.010	1.984	1.959	1.934	1.909	1.885	1.862	1.839	1.817	1.795	1.773	1.752	1.731	1.711	1.691
64.75	2.041	2.015	1.988	1.963	1.938	1.913	1.889	1.866	1.843	1.820	1.798	1.777	1.755	1.735	1.714	1.694
65.00	2.046	2.019	1.993	1.967	1.942	1.917	1.893	1.870	1.847	1.824	1.802	1.780	1.759	1.738	1.718	1.698
65.25	2.050	2.023	1.997	1.971	1.946	1.922	1.897	1.874	1.851	1.828	1.806	1.784	1.763	1.742	1.721	1.701
65.50	2.055	2.028	2.001	1.976	1.950	1.926	1.901	1.878	1.855	1.832	1.809	1.788	1.766	1.745	1.725	1.705
65.75	2.059	2.032	2.006	1.980	1.955	1.930	1.905	1.882	1.858	1.836	1.813	1.791	1.770	1.749	1.728	1.708
66.00	2.064	2.037	2.010	1.984	1.959	1.934	1.909	1.886	1.862	1.839	1.817	1.795	1.773	1.752	1.732	1.712
66.25	2.068	2.041	2.014	1.988	1.963	1.938	1.913	1.890	1.866	1.843	1.821	1.799	1.777	1.756	1.735	1.715
66.50	2.073	2.045	2.019	1.993	1.967	1.942	1.918	1.894	1.870	1.847	1.825	1.802	1.781	1.760	1.739	1.718
66.75	2.077	2.050	2.023	1.997	1.971	1.946	1.922	1.898	1.874	1.851	1.828	1.806	1.784	1.763	1.742	1.722
67.00	2.082	2.054	2.028	2.001	1.976	1.950	1.926	1.902	1.878	1.855	1.832	1.810	1.788	1.767	1.746	1.725
67.25	2.087	2.059	2.032	2.006	1.980	1.955	1.930	1.906	1.882	1.859	1.836	1.814	1.792	1.770	1.749	1.729
67.50	2.091	2.063	2.036	2.010	1.984	1.959	1.934	1.910	1.886	1.863	1.840	1.817	1.795	1.774	1.753	1.732
67.75	2.096	2.068	2.041	2.014	1.988	1.963	1.938	1.914	1.890	1.866	1.844	1.821	1.799	1.778	1.757	1.736
68.00	2.100	2.072	2.045	2.019	1.993	1.967	1.942	1.918	1.894	1.870	1.847	1.825	1.803	1.781	1.760	1.739
68.25	2.105	2.077	2.050	2.023	1.997	1.971	1.946	1.922	1.898	1.874	1.851	1.829	1.807	1.785	1.764	1.743
68.50	2.109	2.081	2.054	2.027	2.001	1.976	1.950	1.926	1.902	1.878	1.855	1.832	1.810	1.789	1.767	1.746
68.75	2.114	2.086	2.059	2.032	2.005	1.980	1.954	1.930	1.906	1.882	1.859	1.836	1.814	1.792	1.771	1.750
69.00	2.119	2.091	2.063	2.036	2.010	1.984	1.959	1.934	1.910	1.886	1.863	1.840	1.818	1.796	1.774	1.753
69.25	2.123	2.095	2.067	2.041	2.014	1.988	1.963	1.938	1.914	1.890	1.867	1.844	1.821	1.800	1.778	1.757
69.50	2.128	2.100	2.072	2.045	2.018	1.992	1.967	1.942	1.918	1.894	1.871	1.848	1.825	1.803	1.782	1.761
69.75	2.133	2.104	2.076	2.049	2.023	1.997	1.971	1.946	1.922	1.898	1.874	1.851	1.829	1.807	1.785	1.764

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE															
	702	704	706	708	710	712	714	716	718	720	722	724	726	728	730	732
70.00	2.137	2.109	2.081	2.054	2.027	2.001	1.975	1.950	1.926	1.902	1.878	1.855	1.833	1.811	1.789	1.768
70.25	2.142	2.113	2.085	2.058	2.031	2.005	1.979	1.954	1.930	1.906	1.882	1.859	1.836	1.814	1.793	1.771
70.50	2.147	2.118	2.090	2.063	2.036	2.009	1.984	1.958	1.934	1.910	1.886	1.863	1.840	1.818	1.796	1.775
70.75	2.151	2.123	2.095	2.067	2.040	2.014	1.988	1.963	1.938	1.914	1.890	1.867	1.844	1.822	1.800	1.778
71.00	2.156	2.127	2.099	2.071	2.044	2.018	1.992	1.967	1.942	1.918	1.894	1.871	1.848	1.825	1.803	1.782
71.25	2.161	2.132	2.104	2.076	2.049	2.022	1.996	1.971	1.946	1.922	1.898	1.874	1.851	1.829	1.807	1.786
71.50	2.166	2.137	2.108	2.080	2.053	2.027	2.001	1.975	1.950	1.926	1.902	1.878	1.855	1.833	1.811	1.789
71.75	2.170	2.141	2.113	2.085	2.058	2.031	2.005	1.979	1.954	1.930	1.906	1.882	1.859	1.837	1.814	1.793
72.00	2.175	2.146	2.117	2.089	2.062	2.035	2.009	1.983	1.958	1.934	1.910	1.886	1.863	1.840	1.818	1.796
72.25	2.180	2.151	2.122	2.094	2.066	2.040	2.013	1.988	1.962	1.938	1.914	1.890	1.867	1.844	1.822	1.800
72.50	2.185	2.155	2.126	2.098	2.071	2.044	2.018	1.992	1.967	1.942	1.918	1.894	1.871	1.848	1.826	1.804
72.75	2.189	2.160	2.131	2.103	2.075	2.048	2.022	1.996	1.971	1.946	1.922	1.898	1.874	1.852	1.829	1.807
73.00	2.194	2.165	2.136	2.107	2.080	2.053	2.026	2.000	1.975	1.950	1.926	1.902	1.878	1.855	1.833	1.811
73.25	2.199	2.169	2.140	2.112	2.084	2.057	2.030	2.004	1.979	1.954	1.930	1.906	1.882	1.859	1.837	1.815
73.50	2.204	2.174	2.145	2.117	2.089	2.061	2.035	2.009	1.983	1.958	1.934	1.910	1.886	1.863	1.840	1.818
73.75	2.209	2.179	2.150	2.121	2.093	2.066	2.039	2.013	1.987	1.962	1.938	1.913	1.890	1.867	1.844	1.822
74.00	2.214	2.184	2.154	2.126	2.098	2.070	2.043	2.017	1.991	1.966	1.942	1.917	1.894	1.871	1.848	1.826
74.25	2.218	2.188	2.159	2.130	2.102	2.075	2.048	2.021	1.996	1.970	1.946	1.921	1.898	1.874	1.852	1.829
74.50	2.223	2.193	2.164	2.135	2.107	2.079	2.052	2.026	2.000	1.974	1.950	1.925	1.902	1.878	1.855	1.833
74.75	2.228	2.198	2.168	2.139	2.111	2.084	2.056	2.030	2.004	1.979	1.954	1.929	1.905	1.882	1.859	1.837
75.00	2.233	2.203	2.173	2.144	2.116	2.088	2.061	2.034	2.008	1.983	1.958	1.933	1.909	1.886	1.863	1.840
75.25	2.238	2.207	2.178	2.149	2.120	2.092	2.065	2.038	2.012	1.987	1.962	1.937	1.913	1.890	1.867	1.844
75.50	2.243	2.212	2.182	2.153	2.125	2.097	2.069	2.043	2.017	1.991	1.966	1.941	1.917	1.894	1.871	1.848
75.75	2.248	2.217	2.187	2.158	2.129	2.101	2.074	2.047	2.021	1.995	1.970	1.945	1.921	1.898	1.874	1.852
76.00	2.253	2.222	2.192	2.163	2.134	2.106	2.078	2.051	2.025	1.999	1.974	1.949	1.925	1.901	1.878	1.855
76.25	2.258	2.227	2.197	2.167	2.138	2.110	2.083	2.056	2.029	2.003	1.978	1.953	1.929	1.905	1.882	1.859
76.50	2.263	2.232	2.201	2.172	2.143	2.115	2.087	2.060	2.034	2.008	1.982	1.957	1.933	1.909	1.886	1.863
76.75	2.268	2.236	2.206	2.177	2.148	2.119	2.092	2.064	2.038	2.012	1.986	1.961	1.937	1.913	1.890	1.867
77.00	2.273	2.241	2.211	2.181	2.152	2.124	2.096	2.069	2.042	2.016	1.991	1.965	1.941	1.917	1.893	1.870
77.25	2.277	2.246	2.216	2.186	2.157	2.128	2.100	2.073	2.046	2.020	1.995	1.969	1.945	1.921	1.897	1.874
77.50	2.282	2.251	2.221	2.191	2.161	2.133	2.105	2.077	2.051	2.024	1.999	1.974	1.949	1.925	1.901	1.878
77.75	2.287	2.256	2.225	2.196	2.166	2.137	2.109	2.082	2.055	2.029	2.003	1.978	1.953	1.929	1.905	1.882
78.00	2.292	2.261	2.230	2.200	2.171	2.142	2.114	2.086	2.059	2.033	2.007	1.982	1.957	1.933	1.909	1.886
78.25	2.298	2.266	2.235	2.205	2.175	2.147	2.118	2.091	2.064	2.037	2.011	1.986	1.961	1.937	1.913	1.889
78.50	2.303	2.271	2.240	2.210	2.180	2.151	2.123	2.095	2.068	2.041	2.015	1.990	1.965	1.941	1.917	1.893
78.75	2.308	2.276	2.245	2.214	2.185	2.156	2.127	2.099	2.072	2.046	2.020	1.994	1.969	1.945	1.921	1.897
79.00	2.313	2.281	2.250	2.219	2.189	2.160	2.132	2.104	2.077	2.050	2.024	1.998	1.973	1.949	1.924	1.901
79.25	2.318	2.286	2.255	2.224	2.194	2.165	2.136	2.108	2.081	2.054	2.028	2.002	1.977	1.952	1.928	1.905
79.50	2.323	2.291	2.259	2.229	2.199	2.170	2.141	2.113	2.085	2.058	2.032	2.006	1.981	1.956	1.932	1.909
79.75	2.328	2.296	2.264	2.234	2.204	2.174	2.145	2.117	2.090	2.063	2.036	2.011	1.985	1.960	1.936	1.912

COMPRESSIBILITY FACTORS PER KILOPASCALS - DIVIDE ALL NUMBERS BY 1000000

TEMP DEG C	DENSITY AT 15 DEG C KILOGRAMS PER CUBIC METRE															
	702	704	706	708	710	712	714	716	718	720	722	724	726	728	730	732
80.00	2.333	2.301	2.269	2.238	2.208	2.179	2.150	2.122	2.094	2.067	2.041	2.015	1.989	1.964	1.940	1.916
80.25	2.338	2.306	2.274	2.243	2.213	2.184	2.154	2.126	2.099	2.071	2.045	2.019	1.993	1.968	1.944	1.920
80.50	2.343	2.311	2.279	2.248	2.218	2.188	2.159	2.131	2.103	2.076	2.049	2.023	1.997	1.973	1.948	1.924
80.75	2.348	2.316	2.284	2.253	2.223	2.193	2.164	2.135	2.107	2.080	2.053	2.027	2.002	1.977	1.952	1.928
81.00	2.354	2.321	2.289	2.258	2.227	2.197	2.168	2.140	2.112	2.084	2.058	2.031	2.006	1.981	1.956	1.932
81.25	2.359	2.326	2.294	2.263	2.232	2.202	2.173	2.144	2.116	2.089	2.062	2.036	2.010	1.985	1.960	1.936
81.50	2.364	2.331	2.299	2.268	2.237	2.207	2.177	2.149	2.121	2.093	2.066	2.040	2.014	1.989	1.964	1.940
81.75	2.369	2.336	2.304	2.272	2.242	2.212	2.182	2.153	2.125	2.097	2.070	2.044	2.018	1.993	1.968	1.944
82.00	2.374	2.341	2.309	2.277	2.246	2.216	2.187	2.158	2.130	2.102	2.075	2.048	2.022	1.997	1.972	1.947
82.25	2.379	2.346	2.314	2.282	2.251	2.221	2.191	2.162	2.134	2.106	2.079	2.052	2.026	2.001	1.976	1.951
82.50	2.385	2.351	2.319	2.287	2.256	2.226	2.196	2.167	2.138	2.111	2.083	2.057	2.030	2.005	1.980	1.955
82.75	2.390	2.356	2.324	2.292	2.261	2.231	2.201	2.171	2.143	2.115	2.088	2.061	2.035	2.009	1.984	1.959
83.00	2.395	2.362	2.329	2.297	2.266	2.235	2.205	2.176	2.147	2.119	2.092	2.065	2.039	2.013	1.988	1.963
83.25	2.400	2.367	2.334	2.302	2.271	2.240	2.210	2.181	2.152	2.124	2.096	2.069	2.043	2.017	1.992	1.967
83.50	2.406	2.372	2.339	2.307	2.276	2.245	2.215	2.185	2.156	2.128	2.101	2.074	2.047	2.021	1.996	1.971
83.75	2.411	2.377	2.344	2.312	2.280	2.250	2.219	2.190	2.161	2.133	2.105	2.078	2.051	2.026	2.000	1.975
84.00	2.416	2.382	2.349	2.317	2.285	2.254	2.224	2.194	2.166	2.137	2.109	2.082	2.056	2.030	2.004	1.979
84.25	2.421	2.387	2.354	2.322	2.290	2.259	2.229	2.199	2.170	2.142	2.114	2.087	2.060	2.034	2.008	1.983
84.50	2.427	2.393	2.359	2.327	2.295	2.264	2.233	2.204	2.175	2.146	2.118	2.091	2.064	2.038	2.012	1.987
84.75	2.432	2.398	2.364	2.332	2.300	2.269	2.238	2.208	2.179	2.151	2.123	2.095	2.068	2.042	2.016	1.991
85.00	2.437	2.403	2.370	2.337	2.305	2.274	2.243	2.213	2.184	2.155	2.127	2.099	2.073	2.046	2.020	1.995
85.25	2.443	2.408	2.375	2.342	2.310	2.279	2.248	2.218	2.188	2.160	2.131	2.104	2.077	2.050	2.025	1.999
85.50	2.448	2.414	2.380	2.347	2.315	2.283	2.252	2.222	2.193	2.164	2.136	2.108	2.081	2.055	2.029	2.003
85.75	2.453	2.419	2.385	2.352	2.320	2.288	2.257	2.227	2.198	2.169	2.140	2.112	2.085	2.059	2.033	2.007
86.00	2.459	2.424	2.390	2.357	2.325	2.293	2.262	2.232	2.202	2.173	2.145	2.117	2.090	2.063	2.037	2.011
86.25	2.464	2.429	2.395	2.362	2.330	2.298	2.267	2.236	2.207	2.178	2.149	2.121	2.094	2.067	2.041	2.015
86.50	2.470	2.435	2.401	2.367	2.335	2.303	2.272	2.241	2.211	2.182	2.154	2.126	2.098	2.071	2.045	2.020
86.75	2.475	2.440	2.406	2.372	2.340	2.308	2.276	2.246	2.216	2.187	2.158	2.130	2.103	2.076	2.049	2.024
87.00	2.480	2.445	2.411	2.378	2.345	2.313	2.281	2.251	2.221	2.191	2.163	2.134	2.107	2.080	2.054	2.028
87.25	2.486	2.451	2.416	2.383	2.350	2.318	2.286	2.255	2.225	2.196	2.167	2.139	2.111	2.084	2.058	2.032
87.50	2.491	2.456	2.421	2.388	2.355	2.323	2.291	2.260	2.230	2.200	2.172	2.143	2.115	2.088	2.062	2.036
87.75	2.497	2.461	2.427	2.393	2.360	2.328	2.296	2.265	2.235	2.205	2.176	2.148	2.120	2.093	2.066	2.040
88.00	2.502	2.467	2.432	2.398	2.365	2.333	2.301	2.270	2.239	2.210	2.181	2.152	2.124	2.097	2.070	2.044
88.25	2.508	2.472	2.437	2.403	2.370	2.337	2.306	2.274	2.244	2.214	2.185	2.156	2.129	2.101	2.074	2.048
88.50	2.513	2.477	2.443	2.409	2.375	2.342	2.310	2.279	2.249	2.219	2.190	2.161	2.133	2.106	2.079	2.052
88.75	2.519	2.483	2.448	2.414	2.380	2.347	2.315	2.284	2.253	2.223	2.194	2.165	2.137	2.110	2.083	2.057
89.00	2.524	2.488	2.453	2.419	2.385	2.352	2.320	2.289	2.258	2.228	2.199	2.170	2.142	2.114	2.087	2.061
89.25	2.530	2.494	2.458	2.424	2.390	2.357	2.325	2.294	2.263	2.233	2.203	2.174	2.146	2.118	2.091	2.065
89.50	2.535	2.499	2.464	2.429	2.395	2.362	2.330	2.299	2.268	2.237	2.208	2.179	2.150	2.123	2.096	2.069
89.75	2.541	2.505	2.469	2.435	2.401	2.368	2.335	2.303	2.272	2.242	2.212	2.183	2.155	2.127	2.100	2.073