

POUNDS/ SQ. IN.	KG/ CM ²	POUNDS/ SQ. IN.	KG/ CM ²	POUNDS/ SQ. IN.	KG/ CM ²	POUNDS/ SQ. IN.	KG/ CM ²	POUNDS/ SQ. IN.	KG/ CM ²					
14.20	1	0.07	811	57	4.01	2350	165	11.60	6330	445	31.30	10310	725	51.00
28.40	2	0.14	825	58	4.08	2420	170	12.00	6400	450	31.60	10380	730	51.30
42.70	3	0.21	839	59	4.15	2490	175	12.30	6470	455	32.00	10450	735	51.70
56.90	4	0.28	853	60	4.22	2560	180	12.70	6540	460	32.30	10530	740	52.00
71.10	5	0.35	868	61	4.29	2630	185	13.00	6610	465	32.70	10600	745	52.40
85.30	6	0.42	882	62	4.36	2700	190	13.40	6680	470	33.00	10670	750	52.70
99.60	7	0.49	896	63	4.43	2770	195	13.70	6760	475	33.40	10740	755	53.10
114	8	0.56	910	64	4.50	2840	200	14.10	6830	480	33.70	10810	760	53.40
128	9	0.63	924	65	4.57	2920	205	14.40	6900	485	34.10	10880	765	53.80
142	10	0.70	939	66	4.64	2990	210	14.80	6970	490	34.50	10950	770	54.10
156	11	0.77	953	67	4.71	3060	215	15.10	7040	495	34.80	11020	775	54.50
171	12	0.84	967	68	4.78	3130	220	15.50	7110	500	35.20	11090	780	54.80
185	13	0.91	981	69	4.85	3200	225	15.80	7180	505	35.50	11170	785	55.20
199	14	0.98	996	70	4.92	3270	230	16.20	7250	510	35.90	11240	790	55.50
213	15	1.05	1010	71	4.99	3340	235	16.50	7320	515	36.20	11310	795	55.90
228	16	1.12	1020	72	5.06	3410	240	16.90	7400	520	36.60	11380	800	56.20
242	17	1.20	1040	73	5.13	3480	245	17.20	7470	525	36.90	11450	805	56.60
256	18	1.27	1050	74	5.20	3560	250	17.60	7540	530	37.30	11520	810	57.00
270	19	1.34	1070	75	5.27	3630	255	17.90	7610	535	37.60	11590	815	57.30
284	20	1.41	1080	76	5.34	3700	260	18.30	7680	540	38.00	11660	820	57.70
299	21	1.48	1100	77	5.41	3770	265	18.60	7750	545	38.30	11730	825	58.00
313	22	1.55	1110	78	5.48	3840	270	19.00	7820	550	38.70	11810	830	58.40
327	23	1.62	1120	79	5.55	3910	275	19.30	7890	555	39.00	11880	835	58.70
341	24	1.69	1140	80	5.62	3980	280	19.70	7960	560	39.40	11950	840	59.10
356	25	1.76	1150	81	5.70	4050	285	20.00	8040	565	39.70	12020	845	59.40
370	26	1.83	1170	82	5.77	4120	290	20.40	8110	570	40.10	12090	850	59.80
384	27	1.90	1180	83	5.84	4200	295	20.70	8180	575	40.40	12160	855	60.10
398	28	1.97	1190	84	5.91	4270	300	21.10	8250	580	40.80	12230	860	60.50
412	29	2.04	1210	85	5.98	4340	305	21.40	8320	585	41.10	12300	865	60.80
427	30	2.11	1220	86	6.05	4410	310	21.80	8390	590	41.50	12370	870	61.20
441	31	2.18	1240	87	6.12	4480	315	22.10	8460	595	41.80	12450	875	61.50
455	32	2.25	1250	88	6.19	4550	320	22.50	8530	600	42.20	12520	880	61.90
469	33	2.32	1270	89	6.26	4620	325	22.90	8600	605	42.50	12590	885	62.20
484	34	2.39	1280	90	6.33	4690	330	23.20	8680	610	42.90	12660	890	62.60
498	35	2.46	1290	91	6.40	4760	335	23.60	8750	615	43.20	12730	895	62.90
512	36	2.53	1310	92	6.47	4840	340	23.90	8820	620	43.60	12800	900	63.30
526	37	2.60	1320	93	6.54	4910	345	24.30	8890	625	43.90	12870	905	63.60
540	38	2.67	1340	94	6.61	4980	350	24.60	8960	630	44.30	12940	910	64.00
555	39	2.74	1350	95	6.68	5050	355	25.00	9030	635	44.60	13010	915	64.30
569	40	2.81	1370	96	6.75	5120	360	25.30	9100	640	45.00	13090	920	64.70
583	41	2.88	1380	97	6.82	5190	365	25.70	9170	645	45.30	13160	925	65.00
597	42	2.95	1390	98	6.89	5260	370	26.00	9240	650	45.70	13230	930	65.40
612	43	3.02	1410	99	6.96	5330	375	26.40	9320	655	46.10	13300	935	65.70
626	44	3.09	1420	100	7.03	5400	380	26.70	9390	660	46.40	13370	940	66.10
640	45	3.16	1490	105	7.38	5480	385	27.10	9460	665	46.80	13440	945	66.40
654	46	3.23	1560	110	7.73	5550	390	27.40	9530	670	47.10	13510	950	66.80
668	47	3.30	1640	115	8.09	5620	395	27.80	9600	675	47.50	13580	955	67.10
683	48	3.37	1710	120	8.44	5690	400	28.10	9670	680	47.80	13650	960	67.50
697	49	3.45	1780	125	8.79	5760	405	28.50	9740	685	48.20	13730	965	67.80
711	50	3.52	1850	130	9.14	5830	410	28.80	9810	690	48.50	13800	970	68.20
725	51	3.59	1920	135	9.49	5900	415	29.20	9880	695	48.90	13870	975	68.60
740	52	3.66	1990	140	9.84	5970	420	29.50	9960	700	49.20	13940	980	68.90
754	53	3.73	2060	145	10.20	6040	425	29.90	10030	705	49.60	14010	985	69.30
768	54	3.80	2130	150	10.50	6120	430	30.20	10100	710	49.90	14080	990	69.60
782	55	3.87	2200	155	10.90	6190	435	30.60	10170	715	50.30	14150	995	70.00
796	56	3.94	2280	160	11.20	6260	440	30.90	10240	720	50.60	14220	1000	70.30

LOCATE PRESSURE IN MIDDLE COLUMN - IF IN POUNDS SQ. INCH
 READ THE KG/CM² EQUIVALENT IN THE RIGHT HAND COLUMN - IF IN
 KG/CM² READ THE POUND SQ. INCH EQUIVALENT IN THE LEFT HAND
 COLUMN

METRIC CONVERSION
 OF PRESSURES

POUNDS KGS			POUNDS KGS			POUNDS KGS			POUNDS KGS			POUNDS KGS		
2.200	1	0.454	126	57	25.900	364	165	74.800	981	445	202	1598	725	329
4.410	2	0.907	128	58	26.300	375	170	77.100	992	450	204	1609	730	331
6.610	3	1.360	130	59	26.800	386	175	79.400	1003	455	206	1620	735	333
8.820	4	1.810	132	60	27.200	397	180	81.600	1014	460	209	1631	740	336
11.000	5	2.270	134	61	27.700	408	185	83.900	1025	465	211	1642	745	338
13.200	6	2.720	137	62	28.100	419	190	86.200	1036	470	213	1653	750	340
15.400	7	3.180	139	63	28.600	430	195	88.500	1047	475	215	1664	755	342
17.600	8	3.630	141	64	29.000	441	200	90.700	1058	480	218	1675	760	345
19.800	9	4.080	143	65	29.500	452	205	93.000	1069	485	220	1687	765	347
22.000	10	4.540	146	66	29.900	463	210	95.300	1080	490	222	1698	770	349
24.300	11	4.990	148	67	30.400	474	215	97.500	1091	495	225	1709	775	352
26.500	12	5.440	150	68	30.800	485	220	99.800	1102	500	227	1720	780	354
28.700	13	5.900	152	69	31.300	496	225	102	1113	505	229	1731	785	356
30.900	14	6.350	154	70	31.800	507	230	104	1124	510	231	1742	790	358
33.100	15	6.800	157	71	32.200	518	235	107	1135	515	234	1753	795	361
35.300	16	7.260	159	72	32.700	529	240	109	1146	520	236	1764	800	363
37.500	17	7.710	161	73	33.100	540	245	111	1157	525	238	1775	805	365
39.700	18	8.160	163	74	33.600	551	250	113	1168	530	240	1786	810	367
41.900	19	8.620	165	75	34.000	562	255	116	1179	535	243	1797	815	370
44.100	20	9.070	168	76	34.500	573	260	118	1190	540	245	1808	820	372
46.300	21	9.530	170	77	34.900	584	265	120	1202	545	247	1819	825	374
48.500	22	9.980	172	78	35.400	595	270	122	1213	550	249	1830	830	376
50.700	23	10.400	174	79	35.800	606	275	125	1224	555	252	1841	835	379
52.900	24	10.900	176	80	36.300	617	280	127	1235	560	254	1852	840	381
55.100	25	11.300	179	81	36.700	628	285	129	1246	565	256	1863	845	383
57.300	26	11.800	181	82	37.200	639	290	132	1257	570	259	1874	850	386
59.500	27	12.200	183	83	37.600	650	295	134	1268	575	261	1885	855	388
61.700	28	12.700	185	84	38.100	661	300	136	1279	580	263	1896	860	390
63.900	29	13.200	187	85	38.600	672	305	138	1290	585	265	1907	865	392
66.100	30	13.600	190	86	39.000	683	310	141	1301	590	268	1918	870	395
68.300	31	14.100	192	87	39.500	694	315	143	1312	595	270	1929	875	397
70.500	32	14.500	194	88	39.900	705	320	145	1323	600	272	1940	880	399
72.800	33	15.000	196	89	40.400	716	325	147	1334	605	274	1951	885	401
75.000	34	15.400	198	90	40.800	728	330	150	1345	610	277	1962	890	404
77.200	35	15.900	201	91	41.300	739	335	152	1356	615	279	1973	895	406
79.400	36	16.300	203	92	41.700	750	340	154	1367	620	281	1984	900	408
81.600	37	16.800	205	93	42.200	761	345	156	1378	625	284	1995	905	411
83.800	38	17.200	207	94	42.600	772	350	159	1389	630	286	2006	910	413
86.000	39	17.700	209	95	43.100	783	355	161	1400	635	288	2017	915	415
88.200	40	18.100	212	96	43.500	794	360	163	1411	640	290	2028	920	417
90.400	41	18.600	214	97	44.000	805	365	166	1422	645	293	2039	925	420
92.600	42	19.100	216	98	44.500	816	370	168	1433	650	295	2050	930	422
94.800	43	19.500	218	99	44.900	827	375	170	1444	655	297	2061	935	424
97.000	44	20.000	220	100	45.400	838	380	172	1455	660	299	2072	940	426
99.200	45	20.400	231	105	47.600	849	385	175	1466	665	302	2083	945	429
101	46	20.900	243	110	49.900	860	390	177	1477	670	304	2094	950	431
104	47	21.300	254	115	52.200	871	395	179	1488	675	306	2105	955	433
106	48	21.800	265	120	54.400	882	400	181	1499	680	308	2116	960	435
108	49	22.200	276	125	56.700	893	405	184	1510	685	311	2127	965	438
110	50	22.700	287	130	59.000	904	410	186	1521	690	313	2138	970	440
112	51	23.100	298	135	61.200	915	415	188	1532	695	315	2149	975	442
115	52	23.600	309	140	63.500	926	420	191	1543	700	318	2161	980	445
117	53	24.000	320	145	65.800	937	425	193	1554	705	320	2172	985	447
119	54	24.500	331	150	68.000	948	430	195	1565	710	322	2183	990	449
121	55	24.900	342	155	70.300	959	435	197	1576	715	324	2194	995	541
123	56	25.400	353	160	72.600	970	440	200	1587	720	327	2205	100	454
													0	

LOCATE WEIGHT IN THE MIDDLE COLUMN - IF IN POUNDS READ THE KGS. EQUIVALENT IN THE RIGHT HAND COLUMN - IF IN KGS. READ THE POUND EQUIVALENT IN LEFT HAND COLUMN.

METRIC CONVERSION
OF WEIGHT

°C		°F		°C		°F		°C		°F			
-273	-459.40	-11.70	11	51.80	20.60	69	156.20	177	350	662	499	930	1706
-268	-450	-11.10	12	53.60	21.10	70	158.00	182	360	680	504	940	1724
-262	-440	-10.60	13	55.40	21.70	71	159.80	188	370	698	510	950	1742
-257	-430	-10.00	14	57.20	22.20	72	161.60	193	380	716	516	960	1760
-251	-420	-9.44	15	59.00	22.80	73	163.40	199	390	734	521	970	1778
-246	-410	-8.89	16	60.80	23.30	74	165.20	204	400	752	527	980	1796
-240	-400	-8.33	17	62.60	23.90	75	167.00	210	410	770	532	990	1814
-234	-390	-7.78	18	64.40	24.40	76	168.80	216	420	788	538	1000	1832
-229	-380	-7.22	19	66.20	25.00	77	170.60	221	430	806	543	1010	1850
-223	-370	-6.67	20	68.00	25.60	78	172.40	227	440	824	549	1020	1868
-218	-360	-6.11	21	69.80	26.10	79	174.20	232	450	842	554	1030	1886
-212	-350	-5.56	22	71.60	26.70	80	176.00	238	460	860	560	1040	1904
-207	-340	-5.00	23	73.40	27.20	81	177.80	243	470	878	566	1050	1922
-201	-330	-4.44	24	75.20	27.80	82	179.60	249	480	896	571	1060	1940
-196	-320	-3.89	25	77.00	28.30	83	181.40	254	490	914	577	1070	1958
-190	-310	-3.33	26	78.80	28.90	84	183.20	260	500	932	582	1080	1976
-184	-300	-2.78	27	80.60	29.40	85	185.00	266	510	950	588	1090	1994
-179	-290	-2.22	28	82.40	30.00	86	186.80	271	520	968	593	1100	2012
-173	-280	-1.67	29	84.20	30.60	87	188.60	277	530	986	599	1110	2030
-169	-273	-1.11	30	86.00	31.10	88	190.40	282	540	1004	604	1120	2048
-168	-270	-0.56	31	87.80	31.70	89	192.20	288	550	1022	610	1130	2066
-162	-260	-0.00	32	89.60	32.20	90	194.00	293	560	1040	616	1140	2084
-157	-250	-0.56	33	91.40	32.80	91	195.80	299	570	1058	621	1150	2102
-151	-240	-1.11	34	93.20	33.30	92	197.60	304	580	1076	627	1160	2120
-146	-230	-1.67	35	95.00	33.90	93	199.40	310	590	1094	632	1170	2138
-140	-220	-2.22	36	96.80	34.40	94	201.10	316	600	1112	638	1180	2156
-134	-210	-2.78	37	98.60	35.00	95	203.00	321	610	1130	643	1190	2174
-129	-200	-3.33	38	100.40	35.60	96	204.80	327	620	1148	649	1200	2192
-123	-190	-3.89	39	102.20	36.10	97	206.60	332	630	1166	654	1210	2210
-118	-180	-4.44	40	104.00	36.70	98	208.40	338	640	1184	660	1220	2228
-112	-170	-5.00	41	105.80	37.20	99	210.20	343	650	1202	666	1230	2246
-107	-160	-5.56	42	107.60	37.80	100	212	349	660	1220	671	1240	2264
-101	-150	-6.11	43	109.40	38	100	212	354	670	1238	677	1250	2282
-95.60	-140	-6.67	44	111.20	43	110	230	360	680	1256	682	1260	2300
-90.00	-130	-7.22	45	113.00	49	120	248	366	690	1274	688	1270	2318
-84.40	-120	-7.78	46	114.80	54	130	266	371	700	1292	693	1280	2336
-78.90	-110	-8.33	47	116.60	60	140	284	377	710	1310	699	1290	2354
-73.30	-100	-8.89	48	118.40	66	150	302	382	720	1328	704	1300	2372
-67.80	-90	-9.44	49	120.20	71	160	320	388	730	1346	710	1310	2390
-62.20	-80	-10.00	50	122.00	77	170	338	393	740	1364	716	1320	2408
-56.70	-70	-10.60	51	123.80	82	180	356	399	750	1382	721	1330	2426
-51.10	-60	-11.10	52	125.60	88	190	374	404	760	1400	727	1340	2444
-45.60	-50	-11.70	53	127.40	93	200	392	410	770	1418	732	1350	2462
-40.00	-40	-12.20	54	129.20	99	210	410	416	780	1436	738	1360	2480
-34.40	-30	-12.80	55	131.00	100	212	413	421	790	1454	743	1370	2498
-28.90	-20	-13.30	56	132.80	104	220	428	427	800	1472	749	1380	2516
-23.30	-10	-14	57	134.60	110	230	446	432	810	1490	754	1390	2534
-17.80	0	-14.40	58	136.40	116	240	464	438	820	1508	760	1400	2552
-17.20	1	33.80	15.00	59	138.20	121	250	443	830	1526	766	1410	2570
-16.70	2	35.60	15.60	60	140.00	127	260	449	840	1544	771	1420	2588
-16.10	3	37.40	16.10	61	141.80	132	270	454	850	1562	777	1430	2606
-15.60	4	39.20	16.70	62	143.60	138	280	460	860	1580	782	1440	2624
-15.00	5	41.00	17.20	63	145.40	143	290	466	870	1598	788	1450	2642
-14.40	6	42.80	17.80	64	147.20	149	300	471	880	1616	793	1460	2660
-13.90	7	44.60	18.30	65	149.00	154	310	477	890	1634	799	1470	2678
-13.30	8	46.40	18.90	66	150.80	160	320	482	900	1652	804	1480	2696
-12.80	9	48.20	19.4	67	152.60	166	330	488	910	1670	810	1490	2714
-12.20	10	50.00	20.00	68	154.40	171	340	493	920	1688	816	1500	2732

LOCATE TEMPERATURE IN MIDDLE COLUMN - IF IN °C READ THE °F EQUIVALENT IN THE RIGHT HAND COLUMN -IF IN °F READ THE °C EQUIVALENT IN LEFT - HAND COLUMN.

METRIC CONVERSION
OF TEMPERATURE
°F - °C

ID. NO.

ISSUE

2

SHEET

4 of 4

DOC.NO.

BN-DS-C41