

第27表 応力換算表(Ⅲ)

1 MPa (N/mm ²) = 0.101972 kgf/mm ² = 0.145038 ksi					
MPa (N/mm ²)	kgf/mm ²	ksi	MPa (N/mm ²)	kgf/mm ²	ksi
10	1.020	1.450	510	52.006	73.969
20	2.039	2.901	520	53.025	75.420
30	3.059	4.351	530	54.045	76.870
40	4.079	5.802	540	55.065	78.320
50	5.099	7.252	550	56.084	79.771
60	6.118	8.702	560	57.104	81.221
70	7.138	10.153	570	58.124	82.671
80	8.158	11.603	580	59.144	84.122
90	9.177	13.053	590	60.163	85.572
100	10.197	14.504	600	61.183	87.023
110	11.217	15.954	610	62.203	88.473
120	12.237	17.405	620	63.222	89.923
130	13.256	18.855	630	64.242	91.374
140	14.276	20.305	640	65.262	92.824
150	15.296	21.756	650	66.282	94.274
160	16.316	23.206	660	67.301	95.725
170	17.335	24.656	670	68.321	97.175
180	18.355	26.107	680	69.341	98.626
190	19.375	27.557	690	70.360	100.076
200	20.394	29.008	700	71.380	101.526
210	21.414	30.458	710	72.400	102.977
220	22.434	31.908	720	73.420	104.427
230	23.453	33.359	730	74.439	105.878
240	24.473	34.809	740	75.459	107.328
250	25.493	36.259	750	76.479	108.778
260	26.513	37.710	760	77.498	110.229
270	27.532	39.160	770	78.518	111.679
280	28.552	40.160	780	79.538	113.129
290	29.572	42.061	790	80.558	145.580
300	30.591	43.511	800	81.577	116.030
310	31.611	44.962	810	82.597	117.481
320	32.631	46.412	820	83.617	118.931
330	33.651	47.862	830	84.636	120.381
340	34.670	49.313	840	85.656	121.832
350	35.690	50.763	850	86.676	123.282
360	36.710	52.214	860	87.696	124.732
370	37.730	53.664	870	88.718	126.183
380	38.749	55.114	880	89.735	127.633
390	39.769	56.565	890	90.755	129.084
400	40.789	58.015	900	91.774	130.534
410	41.808	59.465	910	92.794	131.984
420	42.828	60.916	920	93.814	133.435
430	43.848	62.366	930	94.834	134.885
440	44.868	63.817	940	95.853	136.335
450	45.887	65.267	950	96.873	137.786
460	46.907	66.717	960	97.893	139.236
470	47.927	68.168	970	98.912	140.687
480	48.946	69.618	980	99.932	142.137
490	49.966	71.068	990	100.952	143.587
500	50.986	72.519	1000	101.972	145.038

$$1 \text{ MPa (N/mm}^2\text{)} = 0.101972 \text{ kgf/mm}^2 = 0.145038 \text{ ksi}$$

MPa (N/mm ²)	kgf/mm ²	ksi	MPa (N/mm ²)	kgf/mm ²	ksi
1010	102.991	146.488	1510	153.977	219.007
1020	104.011	147.938	1520	154.997	220.457
1030	105.031	149.389	1530	156.017	221.908
1040	106.050	150.829	1540	157.036	223.358
1050	107.070	152.290	1550	158.056	224.808
1060	108.090	153.740	1560	159.076	226.259
1070	109.110	155.190	1570	160.095	227.709
1080	110.129	156.641	1580	161.115	229.160
1090	111.149	158.091	1590	162.135	230.610
1100	112.169	159.541	1600	163.155	232.060
1110	113.189	160.992	1610	164.174	233.511
1120	114.208	162.442	1620	165.194	234.961
1130	115.228	163.893	1630	166.214	236.411
1140	116.248	165.343	1640	167.233	237.862
1150	117.267	166.793	1650	168.253	239.312
1160	118.287	168.244	1660	169.273	240.763
1170	119.307	169.694	1670	170.293	242.213
1180	120.327	171.144	1680	171.312	243.663
1190	121.346	172.595	1690	172.332	245.114
1200	122.366	174.045	1700	173.352	246.564
1210	123.386	175.496	1710	174.371	248.014
1220	124.405	176.946	1720	175.391	249.465
1230	125.425	178.396	1730	176.411	250.915
1240	126.445	179.847	1740	177.431	252.366
1250	127.465	181.297	1750	178.450	253.816
1260	128.484	182.747	1760	179.470	255.266
1270	129.504	184.198	1770	180.490	256.717
1280	130.524	185.648	1780	181.509	258.167
1290	131.543	187.099	1790	182.529	259.617
1300	132.563	188.549	1800	183.549	261.068
1310	133.583	189.999	1810	184.569	262.518
1320	134.603	181.450	1820	185.588	263.969
1330	135.622	192.900	1830	186.608	265.419
1340	136.642	194.351	1840	187.628	266.869
1350	137.662	195.801	1850	188.648	268.320
1360	138.681	197.251	1860	189.667	269.770
1370	139.701	198.702	1870	190.687	271.220
1380	140.721	200.152	1880	191.707	272.671
1390	141.741	201.602	1890	192.726	274.121
1400	142.760	203.053	1900	193.746	275.572
1410	143.780	204.503	1910	194.766	277.022
1420	144.800	205.954	1920	195.786	278.472
1430	145.819	207.404	1930	196.805	279.923
1440	146.839	208.854	1940	197.825	281.373
1450	147.859	210.305	1950	198.845	282.824
1460	148.879	211.755	1960	199.864	284.274
1470	149.898	213.205	1970	200.884	285.724
1480	150.918	214.656	1980	201.904	287.175
1490	151.938	216.106	1990	202.924	288.625
1500	152.957	217.557	2000	203.943	290.075