



METRIC-ENGLISH STRESS

CONVERSION TABLE

Kg Per Sq mm to PSI to M Pa

MPA = 0.00689 X PSI

Kg per sq mm	PSI	M Pa	Kg per sq mm	PSI	M Pa	Kg per sq mm	PSI	M Pa	Kg per sq mm	PSI	M Pa
10	14,223	98.1	35	49,782	343.2	60	85,340	588.4	85	120,899	833.6
11	15,646	107.9	36	51,204	353.0	61	86,763	598.2	86	122,321	843.4
12	17,068	117.7	37	52,627	362.0	62	88,185	608.0	87	123,744	853.2
13	18,490	127.5	38	54,049	372.7	63	89,607	617.8	88	125,166	863.0
14	91,913	137.3	39	55,471	382.5	64	91,030	622.5	89	126,588	872.8
15	21,335	147.1	40	56,894	393.3	65	92,452	637.4	90	128,011	882.6
16	22,757	156.9	41	58,316	402.1	66	93,874	647.2	91	129,433	892.4
17	24,180	166.7	42	59,738	411.9	67	95,297	657.0	92	130,855	902.2
18	25,602	175.5	43	61,161	421.7	68	96,719	666.9	93	132,278	912.0
19	27,024	186.3	44	62,583	431.5	69	98,141	676.7	94	133,700	921.8
20	28,447	196.1	45	64,005	441.3	70	99,564	686.6	95	135,122	931.5
21	29,869	205.9	46	65,428	451.1	71	100,986	696.3	96	136,545	941.0
22	31,291	215.7	47	66,850	460.9	72	102,408	706.1	97	137,967	951.2
23	32,714	225.6	48	68,272	470.7	73	103,831	715.9	98	139,389	961.0
24	34,136	235.4	49	69,695	480.5	74	105,253	725.7	99	140,812	970.9
25	35,558	245.2	50	71,117	490.3	75	106,675	735.5	100	142,234	980.7
26	36,981	255.0	51	72,539	500.1	76	108,098	745.3	101	143,656	990.5
27	38,403	264.8	52	73,962	510.0	77	109,520	755.1	102	145,079	1000.3
28	39,826	274.6	53	75,384	519.8	78	110,943	764.9	103	146,501	1010.1
29	41,248	284.4	54	75,806	529.5	79	112,365	774.7	104	147,923	1020.0
30	42,670	294.2	55	78,229	539.4	80	113,787	784.5	105	149,346	1029.7
31	44,093	304.0	56	79,651	549.2	81	115,210	794.3	106	150,768	1039.5
32	45,515	313.8	57	81,073	559.0	82	116,632	804.1	107	152,190	1049.3
33	46,937	323.6	58	82,496	568.8	83	118,054	814.0	108	153,613	1059.1
34	48,360	333.4	59	83,918	578.5	84	119,477	823.8	109	155,035	1068.9

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Kg per sq mm	PSI	M Pa	Kg per sq mm	PSI	M Pa	Kg per sq mm	PSI	M Pa	Kg per sq mm	PSI	M Pa
110	156,457	1078.7	125	177,792	1225.8	140	199,128	1372.9	155	200,463	1520.0
111	157,880	1088.5	126	179,215	1235.6	141	200,500	1382.7	156	221,885	1529.8
112	159,302	1098.3	127	180,637	1245.4	142	201,972	1392.5	157	223,307	1539.6
113	160,724	1108.2	128	182,059	1255.3	143	203,395	1402.0	158	224,730	1549.5
114	162,147	1118.0	129	183,482	1265.1	144	204,817	1412.2	159	226,152	1559.3
115	163,569	1127.8	130	184,904	1274.9	145	206,239	1422.0			
116	164,991	1137.6	131	186,327	1284.7	146	207,662	1431.8			
117	166,414	1147.4	132	187,749	1294.5	147	209,084	1441.6			
118	167,836	1157.2	133	189,171	1304.3	148	210,506	1451.4			
119	169,258	1167.0	134	190,594	1314.1	149	211,929	1461.2			
120	170,681	1176.8	135	192,016	1323.9	150	213,351	1471.0			
121	172,103	1186.6	136	193,438	1333.7	151	214,773	1480.8			
122	173,525	1196.4	137	194,861	1343.5	152	216,196	1490.6			
123	174,948	1205.2	138	196,283	1353.3	153	217,618	1500.4			
124	176,370	1216.0	139	197,705	1363.1	154	219,040	1510.2			

This information is to be used as a guide only. For more specific information contact Performance Metals at (02) 45 7777 69 (Australia) or 61 2 45 7777 69 (International)