



# PULL TESTER 21

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## Pressure to Force Conversion Table (P21D00101-A)

### Who is this for?

This table is for use with a Green Monster PT21 tester, and is not suitable for any other pull tester.

### How to use it?

Select the desired test load in your preferred units from the columns on the right i.e. lb, Long Tons etc. The corresponding gauge pressure reading to generate this pulling force is in the shaded columns to the left.

psi	bar	lb	Short tons	Long tons	kN	kg	Metric tonnes
0	0	0	0	0	0.00	0	0
200	14	942	0.47	0.42	4.19	427	0.43
400	28	1883	0.94	0.84	8.38	854	0.85
600	41	2825	1.41	1.26	12.57	1281	1.28
800	55	3767	1.88	1.68	16.76	1709	1.71
1000	69	4709	2.35	2.10	20.95	2136	2.14
1200	83	5650	2.83	2.52	25.14	2563	2.56
1400	97	6592	3.30	2.94	29.33	2990	2.99
1600	110	7534	3.77	3.36	33.52	3417	3.42
1800	124	8475	4.24	3.78	37.71	3844	3.84
2000	138	9417	4.71	4.20	41.90	4272	4.27
2200	152	10359	5.18	4.62	46.09	4699	4.70
2400	165	11301	5.65	5.04	50.28	5126	5.13
2600	179	12242	6.12	5.47	54.48	5553	5.55
2800	193	13184	6.59	5.89	58.67	5980	5.98
3000	207	14126	7.06	6.31	62.86	6407	6.41
3200	221	15067	7.53	6.73	67.05	6835	6.83
3400	234	16009	8.00	7.15	71.24	7262	7.26
3600	248	16951	8.48	7.57	75.43	7689	7.69
3800	262	17892	8.95	7.99	79.62	8116	8.12
4000	276	18834	9.42	8.41	83.81	8543	8.54
4200	290	19776	9.89	8.83	88.00	8970	8.97
4400	303	20718	10.36	9.25	92.19	9397	9.40
4600	317	21659	10.83	9.67	96.38	9825	9.82
4800	331	22601	11.30	10.09	100.57	10252	10.25
5000	345	23543	11.77	10.51	104.76	10679	10.68
5200	359	24484	12.24	10.93	108.95	11106	11.11
5400	372	25426	12.71	11.35	113.14	11533	11.53
5600	386	26368	13.18	11.77	117.33	11960	11.96
5800	400	27310	13.65	12.19	121.52	12388	12.39
6000	414	28251	14.13	12.61	125.71	12815	12.81
6200	427	29193	14.60	13.03	129.90	13242	13.24
6400	441	30135	15.07	13.45	134.09	13669	13.67
6600	455	31076	15.54	13.87	138.28	14096	14.10
6800	469	32018	16.01	14.29	142.47	14523	14.52
7000	483	32960	16.48	14.71	146.66	14950	14.95
7200	496	33902	16.95	15.13	150.85	15378	15.38
7400	510	34843	17.42	15.56	155.05	15805	15.80
7600	524	35785	17.89	15.98	159.24	16232	16.23
7800	538	36727	18.36	16.40	163.43	16659	16.66
8000	552	37668	18.83	16.82	167.62	17086	17.09
8200	565	38610	19.31	17.24	171.81	17513	17.51
8400	579	39552	19.78	17.66	176.00	17941	17.94
8600	593	40494	20.25	18.08	180.19	18368	18.37
8800	607	41435	20.72	18.50	184.38	18795	18.79
9000	621	42377	21.19	18.92	188.57	19222	19.22
9200	634	43319	21.66	19.34	192.76	19649	19.65
9400	648	44260	22.13	19.76	196.95	20076	20.08
9600	662	45202	22.60	20.18	201.14	20504	20.50
9800	676	46144	23.07	20.60	205.33	20931	20.93
10000	689	47085	23.54	21.02	209.52	21358	21.36