

## ENGAS PRESSURE V TEMPERATURE CHART M10, M20 & M30

TEMP °C	M10		M20		M30	
	PSIG	kPa	PSIG	kPa	PSIG	kPa
-40	10.53	72.64	5.31	36.63	5.98	41.23
-38	10.09	69.59	7.06	48.69	5.14	35.45
-36	9.61	66.30	8.92	61.54	4.24	29.24
-34	9.10	62.73	10.91	75.22	3.27	22.58
-32	8.54	58.87	13.02	89.77	2.24	15.45
-30	7.93	54.72	15.26	105.21	1.13	7.82
-28	7.29	50.25	17.63	121.59	0.05	0.33
-26	6.59	45.44	20.15	138.94	1.31	9.03
-24	5.84	40.29	22.81	157.30	2.65	18.29
-22	5.04	34.76	25.62	176.70	4.08	28.14
-20	4.18	28.86	28.59	197.18	5.60	38.61
-18	3.27	22.54	31.72	218.78	7.21	49.72
-16	2.29	15.81	35.02	241.54	8.92	61.50
-14	1.25	8.63	38.50	265.49	10.72	73.97
-12	0.14	0.99	42.15	290.68	12.64	87.16
-10	1.03	7.13	45.98	317.14	14.66	101.09
-8	2.28	15.75	50.01	344.91	16.79	115.80
-6	3.61	24.89	54.23	374.03	19.04	131.31
-4	5.01	34.57	58.66	404.54	21.41	147.65
-2	6.50	44.82	63.29	436.49	23.90	164.85
0	8.07	55.65	68.14	469.91	26.52	182.92
2	9.73	67.08	73.20	504.85	29.28	201.91
4	11.48	79.15	78.49	541.34	32.17	221.84
6	13.32	91.86	84.02	579.43	35.20	242.75
8	15.26	105.24	89.78	619.16	38.37	264.65
10	17.30	119.32	95.78	660.58	41.70	287.58
12	19.45	134.12	102.04	703.73	45.18	311.57
14	21.70	149.66	108.55	748.59	48.81	336.65
16	24.06	165.96	115.32	795.32	52.61	362.84
18	26.54	183.05	122.37	843.90	56.58	390.19
20	29.14	200.95	129.69	894.42	60.71	418.72
22	31.85	219.68	137.29	946.83	65.03	448.45
24	34.70	239.28	145.18	1,001.25	69.52	479.43
26	37.67	259.77	153.37	1,057.70	74.19	511.69
28	40.77	281.15	161.86	1,116.25	79.06	545.24
30	44.00	303.48	170.65	1,176.90	84.12	580.14
32	47.38	326.76	179.77	1,239.77	89.38	616.40
34	50.90	351.03	189.21	1,304.87	94.84	654.06
36	54.56	376.31	198.98	1,372.25	100.51	693.17
38	58.38	402.62	209.08	1,441.94	106.39	733.75
40	62.35	430.00	219.53	1,514.01	112.50	775.83
42	66.48	458.46	230.33	1,588.49	118.82	819.42
44	70.77	488.04	241.50	1,665.49	125.37	864.59
46	75.22	518.76	253.03	1,745.05	132.15	911.35
48	79.84	550.65	264.94	1,827.19	139.17	959.80
50	84.64	583.73	277.24	1,911.98	146.44	1,009.90
52	89.61	618.03	289.92	1,999.46	153.94	1,061.66
54	94.77	653.59	303.02	2,089.77	161.71	1,115.25
56	100.11	690.42	316.52	2,182.88	169.73	1,170.53
58	105.64	728.56	330.44	2,278.91	178.02	1,227.70
60	111.37	768.07	344.79	2,377.88	186.57	1,286.70
62	117.29	808.90	359.59	2,479.95	195.40	1,347.60
64	123.41	851.11	374.84	2,585.09	204.51	1,410.42
66	129.74	894.76	390.55	2,693.43	213.91	1,475.22
68	136.28	939.87	406.73	2,805.05	223.60	1,542.05
70	143.04	986.49	423.40	2,920.02	233.58	1,610.91
72	150.01	1,034.56	440.57	3,038.44	243.88	1,681.91
74	157.21	1,084.21	458.27	3,160.47	254.47	1,754.98
76	164.64	1,135.46	476.48	3,286.09	265.39	1,830.29
78	172.30	1,188.28	495.26	3,415.58	276.63	1,907.81
80	180.20	1,242.77	514.60	3,548.96	288.21	1,987.63
82	188.35	1,298.97	534.53	3,686.41	300.11	2,069.74
84	196.74	1,356.84	555.09	3,828.20	312.37	2,154.29
86	205.38	1,416.42	576.30	3,974.48	324.98	2,241.22
88	214.28	1,477.80	598.22	4,125.68	337.94	2,330.64
90	223.45	1,541.05	620.93	4,282.27	351.28	2,422.64

## ENGAS PRESSURE V TEMPERATURE CHART M40, M50 & M60

TEMP °C	M40		M50		M60	
	PSIG	kPa	PSIG	kPa	PSIG	kPa
-40	1.42	9.80	2.95	20.32	5.65	38.94
-38	2.86	19.73	4.48	30.93	7.42	51.18
-36	4.40	30.34	6.12	42.24	9.31	64.23
-34	6.04	41.66	7.87	54.28	11.33	78.11
-32	7.79	53.71	9.73	67.08	13.47	92.88
-30	9.65	66.52	11.70	80.69	15.74	108.55
-28	11.62	80.14	13.79	95.12	18.15	125.17
-26	13.72	94.59	16.01	110.42	20.70	142.78
-24	15.94	109.90	18.36	126.61	23.40	161.40
-22	18.28	126.10	20.84	143.73	26.26	181.08
-20	20.77	143.23	23.46	161.81	29.27	201.86
-18	23.39	161.33	26.23	180.89	32.45	223.77
-16	26.16	180.42	29.15	201.00	35.79	246.85
-14	29.08	200.54	32.22	222.17	39.31	271.14
-12	32.15	221.73	35.45	244.45	43.02	296.68
-10	35.38	244.02	38.84	267.86	46.91	323.50
-8	38.78	267.44	42.40	292.45	50.99	351.66
-6	42.35	292.04	46.14	318.24	55.27	381.18
-4	46.09	317.85	50.07	345.28	59.76	412.11
-2	50.01	344.90	54.17	373.60	64.45	444.50
0	54.12	373.23	58.47	403.24	69.36	478.37
2	58.42	402.89	62.96	434.24	74.50	513.77
4	62.91	433.89	67.66	466.64	79.86	550.75
6	67.61	466.29	72.57	500.47	85.46	589.35
8	72.52	500.12	77.69	535.77	91.29	629.60
10	77.64	535.42	83.02	572.58	97.38	671.56
12	82.97	572.23	88.59	610.94	103.71	715.25
14	88.53	610.58	94.38	650.89	110.31	760.76
16	94.33	650.53	100.41	692.47	117.17	808.07
18	100.35	692.07	106.68	735.73	124.31	857.28
20	106.62	735.32	113.20	780.70	131.72	908.39
22	113.14	780.28	119.98	827.42	139.42	961.49
24	119.91	826.97	127.01	875.94	147.41	1,016.63
26	126.94	875.45	134.31	926.25	155.70	1,073.80
28	134.23	925.73	141.88	978.49	164.30	1,133.08
30	141.80	977.94	149.73	1,032.63	173.21	1,194.53
32	149.64	1,032.01	157.87	1,088.73	182.43	1,258.15
34	157.77	1,088.08	166.30	1,146.87	191.99	1,324.04
36	166.19	1,146.15	175.02	1,207.04	201.87	1,392.22
38	174.90	1,206.22	184.05	1,269.28	212.11	1,462.80
40	183.92	1,268.42	193.39	1,333.70	222.69	1,535.77
42	193.25	1,332.77	203.05	1,400.32	233.62	1,611.18
44	202.89	1,399.25	213.03	1,469.18	244.93	1,689.15
46	212.86	1,468.01	223.35	1,540.32	256.60	1,769.63
48	223.16	1,539.05	234.00	1,613.77	268.65	1,852.77
50	233.80	1,612.43	245.00	1,689.67	281.10	1,938.60
52	244.78	1,688.15	256.35	1,767.94	293.94	2,027.19
54	256.11	1,766.29	268.07	1,848.74	307.19	2,118.53
56	267.81	1,846.98	280.16	1,932.12	320.85	2,212.77
58	279.87	1,930.15	292.62	2,018.08	334.94	2,309.95
60	292.31	2,015.95	305.48	2,106.74	349.47	2,410.12
62	305.14	2,104.43	318.72	2,198.08	364.44	2,513.36
64	318.36	2,195.60	332.37	2,292.22	379.87	2,619.78
66	331.98	2,289.53	346.44	2,389.26	395.77	2,729.43
68	346.02	2,386.36	360.94	2,489.22	412.15	2,842.40
70	360.48	2,486.09	375.87	2,592.19	429.02	2,958.74
72	375.38	2,588.85	391.25	2,698.26	446.39	3,078.54
74	390.72	2,694.64	407.09	2,807.50	464.29	3,201.99
76	406.52	2,803.61	423.40	2,919.99	482.73	3,329.16
78	422.79	2,915.81	440.20	3,035.85	501.72	3,460.16
80	439.55	3,031.40	457.50	3,155.16	521.29	3,595.13
82	456.80	3,150.37	475.32	3,278.09	541.47	3,734.27
84	474.58	3,272.99	493.69	3,404.75	562.27	3,877.72
86	492.89	3,399.27	512.61	3,535.27	583.74	4,025.82
88	511.77	3,529.47	532.13	3,669.89	605.93	4,178.82
90	531.24	3,663.75	552.28	3,808.85	628.93	4,337.44