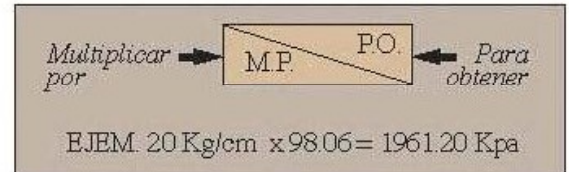


## Unidades de Longitud

M.P. \ P.O.	CM	FT	PULG	KM	MTS	MM	MILLAS	YARDAS
CM	1	0.033	0.3937	0.00001	0.01	10	0.000006	0.0109
FT	30.48	1	12	0.000304	0.3048	304.8	0.000189	0.3333
PULG	2.54	0.083	1	0.000025	0.025	25.4	0.000015	0.02777
KM	100000	3280.84	39370.07	1	1000	1000000	0.6214	1093.613
MTS	100	3.281	39.37	0.001	1	1000	0.000621	1.094
MM	0.1	0.00304	0.0393	0.000001	0.001	1	0.00000062	0.00109
MILLAS	160934	5280	63360	1.609	1609.34	1609340	1	1760
YARDAS	91.44	3	36	0.00091	0.9144	914.4	0.000568	1

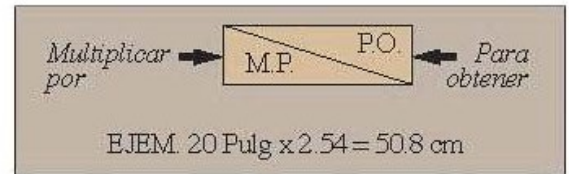
## Temperaturas

°C	°F	°K	°R	°C	°F	°K	°R
-10	14	263	474	30	86	303	545
0	32	273	492	40	104	313	564
10	50	283	510	50	122	323	582
20	68	293	528	60	140	333	600



## Unidades de Peso

M.P. \ P.O.	GR	LB	KG	TON
GR	1	0.0022	0.001	0.000001
LB	454	1	0.454	0.000454
KG	1000	2.205	1	0.001
TON	1000000	2205	1000	1



## Temperaturas

°C	°F	°K	°R	°C	°F	°K	°R
-15	5	258	465	65	149	338	545
-10	14	263	474	70	158	343	564
-5	23	268	484	75	167	348	582
0	32	273	492	80	176	353	600
5	41	278	501	85	185	358	645
10	50	283	510	90	194	363	654
15	59	288	519	95	203	368	663
20	68	293	528	100	212	373	672
25	77	298	537	105	221	378	681
30	86	303	546	110	230	383	690
35	95	308	555	115	239	388	699
40	104	313	564	120	248	393	708
45	113	318	573	125	257	398	717
50	122	323	582	130	266	403	726
55	131	328	591	135	275	408	735
60	140	333	600	140	284	413	744

$$^{\circ}\text{C} = (^{\circ}\text{F} - 32) \times 0.5555$$

$$^{\circ}\text{F} = 1.80(^{\circ}\text{C}) + 32$$

$$^{\circ}\text{K} = ^{\circ}\text{C} + 273$$

$$^{\circ}\text{R} = ^{\circ}\text{F} + 460$$

## Unidades de Presión

M.P. \ P.O.	ATMÓSFERAS	BAR	Kg/cm <sup>2</sup>	Kpa	mmHg	Mpa	PSI	PULG. C. AGUA
ATMÓSFERAS	1	1.013	1.033	101.325	760	0.1014	14.7	407.14
BAR	0.987	1	1.0196	100	750	0.1	14.51	402.16
Kg/cm <sup>2</sup>	0.968	0.9803	1	98.06	735.29	0.0981	14.22	394.05
Kpa	0.009876	0.001	0.01019	1	7.51	0.00101	0.145	4.013
mmHg	0.001315	0.001332	0.001358	0.13315	1	0.0001336	0.0193	0.5367
Mpa	9.86	9.989	10.185	998.379	7498.09	1	144.96	4024.48
PSI	0.068	0.069	0.07032	6.896	51.813	0.00689	1	27.7
PULG. C. AGUA	0.00245	0.00248	0.002537	0.2481	1.8631	0.000248	0.036029	1

## Unidades de Energía Equivalencias en Volúmen

M.P. \ P.O.	BTU	C. CALDERA	FT3GN	FT3VAP. PROP.	GAL. LIQ. PROP.	KCAL.	LTS. LIQ. PROP.	M3 VAP. PROP.
BTU	1	0.0000298	0.0009124	0.0003974	0.00001091	0.252	0.00004146	0.00001132
C. CALDERA	33520	1	30.59	13.3227	0.3657	8447.58	1.3898	0.37959
FT3GN	1096	0.03269	1	0.4356	0.011957	276.209	0.0454	0.012411
FT3VAP. PROP.	2516	0.07505	2.2956	1	0.02744	634.07	0.1043	0.02849
GAL. LIQ. PROP.	91659	2.7344	83.633	36.43	1	23099.54	3.8004	1.03798
KCAL.	3.968	0.000183	0.00362	0.001577	0.00004329	1	0.0001645	0.00004493
LTS. LIQ. PROP.	24118	0.7195	22.005	9.585	0.2631	6078.12	1	0.273
M3 VAP. PROP.	88305	2.634	80.57	35.097	0.9634	22254.28	3.66	1

## Unidades de Volúmen

M.P. \ P.O.	FT3	BARRILES	GAL.	LTS.	M3
FT3	1	0.178	7.481	28.317	0.0283
BARRILES	5.615	1	42	158.98	0.159
GAL.	0.1337	0.0238	1	3.785	0.00378
LTS.	0.03531	0.00629	0.2641	1	0.001
M3	35.31	6.29	264.172	1000	1

### EQUIVALENCIAS EN GAS L.P.

1 KG. PROPANO = 1.9685 LTS. LIQ.  
 1 KG. BUTANO = 1.7121 LTS. LIQ.  
 1 KG. PROPANO = 0.5370 M3 VAP.  
 1 KG. PROPANO = 0.02308 FT3G. NAT.  
 1 KG. BUTANO = 0.4070 M3 VAP.  
 1 LT. PROPANO LIQ. = 0.2730 M3 VAP.  
 1 LT. BUTANO LIQ. = 0.2370 M3 VAP.  
 1 FT3N. NATURAL = 43.317 KG PROPANO

NOTA:  
 1000000 FT3 GN=23.4 TON GLP. 50/50

M.P. \ P.O.	FT3 GN	M3 GN	TON GLP 50/50
FT3 GN	1	0.0283	2.34 x 10 <sup>-5</sup>
M3 GN	35.31	1	8.2633x10 <sup>-4</sup>
TON GLP 50/50	42735.04	1210.17	1

## Unidades de Peso

M.P. \ P.O.	LB	KG	TON
LB	1	0.454	0.000454
KG	2.205	1	0.001
TON	2205	1000	1