

Conversion chart

Pressure

BAR	PSI	Mpa	BAR	PSI	Mpa
1	14.5	0.1	100	1450.37	10
10	145	1	200	2900.7	20
20	290	2	250	3625.9	25
30	435.1	3	300	4351.1	30
40	580.1	4	400	5801.5	40
50	725.15	5	500	7251.8	50
60	870.19	6	600	8702.2	60
70	1015.23	7	700	10152.6	70
80	1160.27	8	800	11603	80
90	1305.31	9	900	13053.4	90
			1000	14503.7	100

Specific gravity

Media	Symbol	Sg for liquids
Crude Oil		0.76-0.84
Gasoline		0.68-0.74
Hydraulic Oil-Mineral base		0.8
Hydraulic Oil-Phosphate Ester Base		1.1
Hydraulic Oil-Standard MIL 5606		0.83
Hydraulic Oil-water Glycol Base		1.05
Kerosene		0.78-0.82
Water		1
		Sg for gasses
Air		1
Ammonia	NH ₃	0.59
Argon	Ar	1.38
Arsine		2.69
Carbon Dioxide	CO ₂	1.5189
Helium	He	0.138
Hydrogen	H ₂	0.07
Hydrogen Chloride	HCl	1.268
Nitrogen	N ₂	0.9669
Oxygen	O ₂	1.1044
Silane	SiH ₄	1.11

Conversion chart

Temperature

°C	°F	°C	°F
-50	-58	50	122
-40	-40	60	140
-30	-22	70	158
-25	-13	80	176
-20	-4	90	194
-15	5	100	212
-10	14	110	230
-5	23	120	248
0	32	130	266
5	41	140	284
10	50	150	302
15	59	160	320
20	68	170	338
25	77	180	356
30	86	190	374
40	104	200	

Flow

L/min	SCF/M	NM ³ /min	L/min	SCF/M	NM ³ /min
1	1.00	0.001	700	24.72	0.7
10	0.35	0.01	800	28.25	0.8
20	0.71	0.02	900	31.78	0.9
30	1.06	0.03	1000	35.31	1
40	1.41	0.04	2000	70.63	2
50	1.77	0.05	3000	105.94	3
60	2.12	0.06	4000	141.26	4
70	2.47	0.07	5000	176.57	5
80	2.83	0.08	6000	211.89	6
90	3.18	0.09	7000	247.20	7
100	3.53	0.1	8000	282.52	8
200	7.06	0.2	9000	317.83	9
300	10.59	0.3	10000	353.15	10
400	14.13	0.4	20000	706.29	20
500	17.66	0.5	40000	1412.59	40
600	21.19	0.6	50000	1765.73	50