

Name	Gas Density (NTP)		Boiling Point		Critical Press		Critical Temperature		Mole Weight	Specific Volume		Specific Gravity (air=1)
	lb/ft <sup>3</sup>	kg/m <sup>3</sup>	°F	°C	psia	bar	°F	°C		ft <sup>3</sup> /lb	m <sup>3</sup> /kg	
Isobutane	0.1553	2.49	10.9	-11.7	529.1	37.2	275.00	135.00	58.13	6.50	0.406	2.0640
Isobutylene	0.1440 b	2.31 b	19.6	-6.9	580.2	40.8	292.46	144.70	56.12	6.70	0.418	1.9470
Krypton	0.2170	3.48	-244.1	-153.4	796.5	56.0	-82.84	-63.80	83.80	4.61	0.288	2.8990
Methane	0.0448 a	0.72 a	-258.7	-161.5	673.1	47.3	-115.78	-82.10	16.04	23.70	1.480	0.5550
Methyl Chloride	0.1319 b	2.11 b	-11.6	-24.2	2438.1	171.4	289.58	143.10	50.49	7.60	0.474	1.7840
Neon	0.0520	0.83	-411.0	-246.1	394.7	27.8	-379.66	-228.70	20.18	19.21	1.199	0.6960
Nitric Oxide	0.0767 b	1.23 b	-241.2	-151.8	949.4	66.7	-135.22	-92.90	30.01	13.00	0.812	1.0360
Nitrogen	0.0725	1.16	-320.4	-195.8	492.2	34.6	-237.82	-149.90	28.01	13.80	0.862	0.9670
Nitrogen Dioxide	0.2119	3.39	70.2	21.2	1469.6	103.3	316.76	158.20	46.01	4.70	0.293	2.6200
Nitrogen Trifluoride	0.1860	2.98	-200.2	-129.0	657.2	46.2	-38.74	-39.30	71.00	5.40	0.337	2.4600
Nitrous Oxide	0.1150	1.84	-127.3	-88.5	1052.2	74.0	97.52	36.40	44.01	8.70	0.543	1.5300
Oxygen	0.0828	1.33	-297.4	-183.0	731.4	51.4	-181.48	-118.60	32.00	12.10	0.755	1.1050
Pentane	0.1866	2.988	96.93	36.07	488.63	33.69	385.7	196.5	72.15	5.4	0.337	2.491
Phosphine	0.0875	1.40	-125.9	-87.7	947.9	66.6	124.88	51.60	34.00	11.40	0.712	1.1840
Propane	0.1166	1.87	-43.8	-42.1	618.7	43.5	206.24	96.80	44.11	8.50	0.531	1.5500
Propylene	0.1114	1.79	-53.9	-47.7	667.1	46.9	197.24	91.80	42.08	9.06	0.566	1.4800
Silane	0.0837	1.34	-168.7	-111.5	702.5	49.4	25.88	-3.40	32.12	12.04	0.752	1.1140
Silicon Tetrachloride	0.4420	7.08	135.7	57.6	573.3	40.3	454.82	234.90	169.90	2.28	0.142	5.8000
Sulfur Dioxide	0.1666	2.67	14.0	-10.0	1143.5	80.4	315.68	157.60	64.06	5.90	0.368	2.2630
Sulfur Hexafluoride	0.3845	6.16	-82.8	-63.8	545.2	38.3	113.90	45.50	146.05	2.50	0.156	5.1100
Trichlorosilane	0.3500 b	5.61 b	89.6	32.0	597.3	42.0	402.08	205.60	135.45	2.85	0.178	4.7000
Tungsten Hexafluoride	0.7930	12.70	67.1	19.5	629.5	44.3	339.44	170.80	297.84	1.24	0.077	10.8000
Xenon	0.3420	5.48	-162.6	-108.1	846.7	59.5	61.88	16.60	131.30	2.90	0.181	4.5600

Note: Density: a = 0 °C 6 = 25 °C All others at NTP