

Name	Gas Density (NTP)		Boiling Point		Critical Press		Critical Temperature		Mole Weight	Specific Volume		Specific Gravity (air=1)
	lb/ft ³	kg/m ³	°F	°C	psia	bar	°F	°C		ft ³ /#	m ³ /kg	
Acetylene	0.0733 a	1.17 a	-119.2	-84.0	897.8	63.1	95.36	35.20	26.04	14.43	0.901	0.9080
Air	0.0807 a	1.29 a	-317.8	-194.4	547.4	38.5	-221.08	-140.60	28.85	13.30	0.830	1.0000
Ammonia	0.0450	0.72	-28.1	-33.4	1636.1	115.0	270.32	132.40	17.03	22.60	1.411	0.5970
Argon	0.1034	1.66	-302.6	-189.4	705.4	49.6	-188.32	-122.40	39.95	9.67	0.604	1.3780
Arsine	0.2000	3.20	-80.5	-62.5	957.0	67.3	211.82	99.90	77.95	5.00	0.312	2.6900
Boron Trichloride	0.3030	4.85	54.3	12.4	561.4	39.5	353.84	178.80	117.17	3.30	0.206	4.0300
Boron Trifluoride	0.1777	2.85	-147.6	-99.8	723.0	50.8	10.04	-12.20	67.81	5.60	0.350	2.3870
Butadiene, 1,3-	0.1516 a	2.43 a	24.1	-4.4	627.5	44.1	305.60	152.00	54.09	6.90	0.431	1.8780
Butane, n-	0.1588	2.54	31.1	-0.5	550.7	38.7	305.60	152.00	58.12	6.40	0.400	2.1100
Butene, 1-	0.1477 b	2.37 b	20.7	-6.3	583.4	41.0	295.52	146.40	56.12	6.70	0.418	1.9970
Carbon Dioxide	0.1140 a	1.83 a	-109.1	-78.4	1070.6	75.3	87.80	31.00	44.01	8.76	0.5471	1.5220
Carbon Monoxide	0.0781 a	1.25 a	-312.7	-191.5	507.4	35.7	-220.36	-140.20	28.01	13.80	0.862	0.9670
Chlorine	0.1859	2.98	-29.3	-34.1	1118.4	78.6	291.20	144.00	70.91	5.40	0.337	2.4900
Deuterium	0.0112	0.18	-417.1	-249.5	239.2	16.8	-390.82	-234.90	4.03	95.90	5.987	0.1497
Dichlorosilane	0.2601	4.17	46.8	8.2	678.2	47.7	348.80	176.00	101.01	3.83	0.239	3.5200
Disilane	0.1790	2.87	6.3	-14.3	747.2	52.5	303.53	150.85	62.22	6.21	0.388	2.3800
Ethane	0.0775 b	1.24 b	-127.5	-88.6	712.8	50.1	90.32	32.40	30.07	12.80	0.799	1.0480
Ethylene	0.0787 a	1.26 a	-154.7	-103.7	742.1	52.2	49.82	9.90	28.05	13.80	0.862	0.9750
Halocarbon-14	0.2280	3.65	-198.3	-127.9	542.4	38.1	-49.90	-45.50	88.00	4.39	0.274	3.0380
Halocarbon-22	0.2335	3.74	-41.0	-41.0	721.9	50.8	204.80	96.00	86.47	4.40	0.275	3.1100
Halocarbon-23	0.1820	2.92	-115.6	-82.0	697.0	49.0	78.26	25.70	70.01	5.50	0.343	2.2636
Halocarbon-116	0.3608	5.78	-108.8	-78.2	432.0	30.4	67.50	24.30	138.01	2.80	0.175	4.7730
Halocarbon-134A	0.4683 b	7.50 b	-15.7	-26.5	589.6	41.5	213.98	101.10	102.03	2.14	0.134	
Halocarbon-218	0.5000	8.01	-34.1	-36.7	388.7	27.3	161.42	71.90	188.02	2.02	0.126	6.6900
Halocarbon-C318	0.55	8.82	21.56	-5.8	403.3	27.8	238.6	114.8	200.03	1.85	0.12	7.33
Helium	0.0103	0.16	-452.1	-268.9	33.2	2.3	-450.40	-268.00	4.00	96.60	6.031	0.1380
Hexane, n-	0.2228	3.569	155.66	68.7	430.6	29.7	453.6	234.2	86.18	4.996	0.31	0.66
Hydrogen	0.0050	0.08	-423.0	-252.8	188.1	13.2	-399.82	-239.90	2.02	191.70	11.968	0.0696
Hydrogen Bromide	0.2080	3.33	-88.1	-66.7	1234.5	86.8	193.64	89.80	80.92	4.80	0.300	2.7700
Hydrogen Chloride	0.0943	1.510	-121.0	85.0	1197.7	82.5	124.5	51.4	36.46	10.6	0.66	1.27
Hydrogen Sulfide	0.0890	1.43	-76.5	-60.3	1306.5	91.9	212.72	100.40	34.08	11.23	0.701	1.1890

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