

Nitrogen Conversion

	Weight		Gas		Liquid	
	pounds (lb)	kilograms (kg)	cubic feet (scf)	cubic meters (nm ³)	gallons (gal)	liters (lt)
1 pound	1.0	0.4536	13.803	0.3627	0.1481	0.5606
1 kilogram	2.205	1.0	30.42	0.7996	0.3262	1.2349
1 scf gas	0.07245	0.03286	1.0	0.02628	0.01074	0.04065
1 nm³ gas	2.757	1.2506	38.04	1.0	0.4080	1.5443
1 gallon liquid	6.745	3.060	93.11	2.447	1.0	3.785
1 liter liquid	1.782	0.8083	24.60	0.6464	0.2642	1.0

Scf (standard cubic feet) gas measured at 1 atmosphere and 70°F. Nm³ (normal cubic meter) gas measured at 1 atmosphere and 0°C. Liquid measured at 21.42 atmospheres and 1.7°F. Solid measured at -109.25°F. All values rounded to nearest 4/5 significant numbers.