

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.