

Nitrogen

Description

Formula: N₂

Gas Data

Molecular Weight: 28.01

Density: 1.153 kg/m³ @ 21.1°C, 101.325 kPa
0.07199 lb/ft³ @ 70°F, 14.696 psia

Specific Volume: 0.8673 m³/kg @ 21.1°C, 101.325 kPa
13.89 ft³/lb @ 70°F, 14.696 psia

Shipping Information

CAS Registry Number: 7727-37-9

UN Number: UN 1066

ECCN Number: EAR99

DOT Proper Shipping Name: Nitrogen, Compressed

DOT Classification: 2.2 (Nonflammable Gas)

DOT Label: NON-FLAMMABLE GAS

TC Shipping Name: Nitrogen, Compressed

TC Classification: 2.2

TC Label: NON-FLAMMABLE GAS,
NON-POISONOUS GAS

Industrial Gases

Cylinder Size	Nominal Contents		Valve Outlet CGA No.
	US	Metric	
400	402 FT ³	11.4 M ³	580
300	301 FT ³	8.5 M ³	580
250	232 FT ³	6.8 M ³	580
200	227 FT ³	6.4 M ³	580
150	143 FT ³	4.0 M ³	580
125	115 FT ³	3.3 M ³	580
110	113 FT ³	3.2 M ³	580
80	82 FT ³	2.3 M ³	580
60	54 FT ³	1.5 M ³	580
40	41 FT ³	1.2 M ³	580
20	19 FT ³	0.5 M ³	580

Our packaging of gases includes a complete range of cylinder sizes, cylinder cradles (6 and 12 packs), tube trailers, microbulk and bulk. We can handle virtually any size requirement, for customers using 1 or 2 cylinders per year, to customers using millions of cubic feet of product monthly.

