

Carbon Dioxide

Description

Synonym: Carbonic Anhydride, Carbonic Acid Gas
Formula: CO₂

Gas Data

Molecular Weight: 44.01
Density: 1.833 kg/m³ @ 21.1°C, 101.325 kPa
0.1144 lb/ft³ @ 70°F, 14.696 psia
Specific Volume: 0.5456 m³/kg @ 21.1°C, 101.325 kPa
8.741 ft³/lb @ 70°F, 14.696 psia

Safety Information

Permissible Exposure
Limit (TLV): 5000 ppm

Shipping Information

CAS Registry Number: 124-38-9
UN Number: UN 1013
ECCN Number: 1C980
DOT Proper Shipping Name: Carbon Dioxide
DOT Classification: 2.2 (Non Flammable Gas)
DOT Label: NON-FLAMMABLE GAS
TC Shipping Name: Carbon Dioxide
TC Classification: 2.2
TC Label: NON-FLAMMABLE GAS,
NON-POISONOUS GAS

Industrial Gases

Cylinder Size	Nominal Contents		Valve Outlet CGA No.
	US	Metric	
75#	73 LB	33.11KG	320
65#	65 LB	29.48 KG	320
50#	50 LB	22.68 KG	320
20#	20 LB	9.07 KG	320
15#	15 LB	6.80 KG	320
10#	10 LB	4.54 KG	320
5#	5 LB	2.27 KG	320
2.5#	2.5 LB	1.13 KG	320

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.

