

Helium

Description

Formula: He

Gas Data

Molecular Weight: 4.00
Density: 0.165 kg/m³ @ 21.1°C, 101.325 kPa
0.0103 lb/ft³ @ 70°F, 14.696 psia
Specific Volume: 6.06 m³/kg @ 21.1°C, 101.325 kPa
97.1 ft³/lb @ 70°F, 14.696 psia

Shipping Information

CAS Registry Number: 7440-59-7
UN Number: UN 1046
ECCN Number: 1C980
DOT Proper Shipping Name: Helium, Compressed
DOT Classification: 2.2 (Nonflammable Gas)
DOT Label: NON-FLAMMABLE GAS
TC Shipping Name: Helium, Compressed
TC Classification: 2.2
TC Label: NON-FLAMMABLE GAS,
NON-POISONOUS GAS

Cylinder Specifications

Cylinder Size	Content		Valve Outlet CGA No.
	US	Metric	
300	291 ft ³	7.64 m ³	580
200	219 ft ³	5.76 m ³	580
150	139 ft ³	3.65 m ³	580
125	110 ft ³	2.89 m ³	580
80	81 ft ³	2.13 m ³	580
60	58 ft ³	1.52 m ³	580
40	40 ft ³	1.05 m ³	580
20	20 ft ³	0.53 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.



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