



Helium

A colorless, odorless, tasteless, inert gas

TECHNICAL INFORMATION

Chemical Symbol	He
Molecular Weight	4.003
Specific Volume	Helium
CAS Registry Number	7440-59-7

SHIPPING INFORMATION

DOT Proper Name	Helium, Compressed
Hazard Class	2.2
ID Number	UN 1046
Labels	Nonflammable Gas

CYLINDER SIZES AVAILABLE

Std. Cylinder Sizes*	Contents	Cylinder Pressure (PSIG)	CGA Valve Connection
300	291	2640	580
200	217	2200	580
80	73	2200	580
6K	515	6000	677

*Nonstandard cylinder sizes available upon request

Specifications Subject to Change Call to Confirm

Grade	Purity	Impurity	Specifications	Equipment Recommended
Ultra High Purity 5.0	99.999%	O ₂ THC H ₂ O	<1ppm <0.5ppm <1ppm	3201
N2 Free 5.0	99.999%	Oxygen Moisture Nitrogen Total Hydrocarbons	<2ppm <2ppm <6ppm <0.5ppm	3201
High Purity 4.7	99.997%	O ₂ THC H ₂ O	<3ppm <1ppm <3ppm	3201
Zero 0.5	99.997%	THC	<0.5ppm	3201
6K PSIG	99.997%	Oxygen Moisture	<5ppm <5ppm	3800V or 3860TB

This information in no way replaces the Safety Data Sheets (SDS) for use and safety standards. Please refer to the SDS for details.

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