



# Pure Gas

## HELIUM

colorless, odorless, inert

Technical Information	
Chemical Symbol	He
Specific Volume	96.71 scf/lb
CAS Number	7440-59-7
Molecular Weight	4.003 g/mol
Boiling Point	-452.07 °F

Shipping Information	
US DOT Name	Helium, compressed
Hazard Class	2.2
Label	Non-Flammable Gas
I.D. Number	UN 1046

Grade	Helium 6.0
Part Number	HE X-6.0
Impurities	Oxygen < 0.2 ppm Moisture < 0.2 ppm Total Hydrocarbons < 0.1 ppm Carbon Monoxide < 0.1 ppm Carbon Dioxide < 0.1 ppm Nitrogen < 0.5 ppm

\*X represents cylinder size

Grade	Helium 5.5
Part Number	HE X-5.5
Impurities	Oxygen < 1 ppm Moisture < 1 ppm Total Hydrocarbons < 0.5ppm Nitrogen < 3 ppm

\*X represents cylinder size

Grade	Helium 5.0
Part Number	HE X-5.0
Impurities	Oxygen < 2 ppm Moisture < 2 ppm Total Hydrocarbons < 0.5 ppm

\*X represents cylinder size

Helium 4.8	
Part Number	HE X-4.8
Impurities	Total Hydrocarbons < 0.5 ppm

\*X represents cylinder size

Grade	Helium 4.7
Part Number	HE X-4.7
Impurities	Oxygen < 5 ppm Moisture < 5 ppm

\*X represents cylinder size

Standard Cylinder Size	Contents (ft <sup>3</sup> )*	Pressure (psig)	CGA Connection
T	300	2400	580
K	200	2015	580
Q	80	2015	580

\*Approximate Contents Listed

