

Helium (He)

Overview:

The second-lightest element, hydrogen being the lightest. It's a colorless, odorless, tasteless inert gas. Helium is widely used as an inert gas in the arc welding process. And because of its low specific gravity and non-flammability, it's often used in lighter-than-air applications such as the filling of balloons and blimps. Mixtures of helium and oxygen are used as a breathing gas in deep-sea diving.

Purity Specification	Min Purity	Impurities
Industrial Grade	>99.997%	<0.003%
High Purity Grade	>99.999%	<0.001%

NFPA Rating			
1	0	0	

Hazard Sign

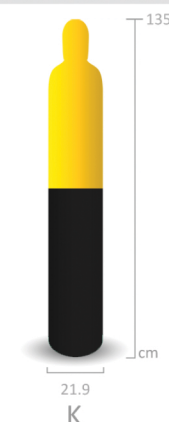


Product Details	Products Specifications					Cylinder Information			
	Cylinder Size	Cylinder Volume	Valve/ Pressure	Standard Valve -- Outlet (CGA)	Product Number	Purity	CAS Number	Cylinder Color	Identification Number
Industrial Grade	K	40 Ltr.	2,000 PSI	580	DG004G	>99.997%	7440-59-7	Yellow & Black	UN 1046
High Purity Grade	K	40 Ltr.	2,000 PSI	580	DG004G	>99.999%	7440-59-7	Yellow & Black	UN 1046

* Certificate of Conformance will be provided upon request.

Technical Data & Transporting Information

Appearance	Colorless gas.
Odor	Odorless.
Physical State	Gas (Compressed Gas).
Melting Point at 1 atm	-272.2°C (458°F)
Boiling Point at 1 atm	-268.2°C (452°F)
Flammability	Nonflammable.
DOT Name	Helium.
DOT Hazard Class	2.2
DOT Label	Nonflammable Gas.
Molecular Formula	He



Cylinder
Color