



TECHNICAL INFO

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

HELIUM

PURE GAS | COLORLESS • ODORLESS • INERT

Shipping Information

US DOT Name Helium, compressed	Hazard Class 2.2	Label Non-flammable Gas	I.D. Number UN 1046
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GRADE 6.0	RESEARCH 99.9999%
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

GRADE 5.5	ULTRA PURE CARRIER 99.9995%
Part Number	HE X-5.5
Impurities	OXYGEN < 1 PPM MOISTURE < 1 PPM TOTAL HYDROCARBONS < 0.5PPM NITROGEN < 3 PPM

GRADE 5.0	ULTRA HIGH PURITY 99.999%
Part Number	HE X-5.0
Impurities	OXYGEN < 2 PPM MOISTURE < 2 PPM TOTAL HYDROCARBONS < 0.5 PPM

GRADE 4.9	ZERO 99.998%
Part Number	HE X-4.8
Impurities	TOTAL HYDROCARBONS < 0.5 PPM

GRADE 4.7	PREPURIFIED 99.997%
Part Number	HE X-4.7
Impurities	OXYGEN < 5 PPM MOISTURE < 5 PPM

STANDARD CYLINDER SIZE	CONTENTS (ft ³)	PRESSURE (PSIG)	CGA CONNECTION
T	291	2400	580
K	219	2015	580
Q	68	2015	580

*X represents cylinder size

*Approximate contents listed