



TECHNICAL INFO

Chemical Symbol	N ₂
Specific Volume	13.803 scf/lb
CAS Number	7727-37-9
Molecular Weight	28.031 g/mol
Boiling Point	-320.44 °F

NITROGEN

PURE GAS | COLORLESS • ODORLESS • INERT

Shipping Information

US DOT Name Nitrogen (Compressed)	Hazard Class 2.2	Label Non-Flammable Gas	I.D. Number UN 1066
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GRADE 6.0	RESEARCH 99.9999%
Part #	NI 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

GRADE	NITROGEN CEM
Part #	NIXCEM
Impurities	OXYGEN < 2 PPM MOISTURE < 2 PPM TOTAL HYDROCARBONS < 0.05 PPM CARBON MONOXIDE < 1 PPM CARBON DIOXIDE < 10 PPM NITROGEN OXIDES < 0.02 PPM NITROUS OXIDE < 0.02 PPM

GRADE 5.5	ULTRA PURE CARRIER 99.9995%
Part #	NI X-5.5
Impurities	OXYGEN < 1 PPM MOISTURE < 1 PPM TOTAL HYDROCARBONS < 0.1 PPM CARBON MONOXIDE < 1 PPM CARBON DIOXIDE < 1 PPM

GRADE 5.5	LASER 99.9995%
Part #	NI X-5.5L
Impurities	OXYGEN < 1 PPM MOISTURE < 1 PPM TOTAL HYDROCARBONS < 0.1 PPM

GRADE 5.0	ULTRA HIGH PURITY 99.999%
Part #	NI X-5.0
Impurities	OXYGEN < 1 PPM MOISTURE < 1 PPM TOTAL HYDROCARBONS < 0.5 PPM

GRADE 4.9	ZERO 99.998%
Part #	NI X-4.8
Impurities	OXYGEN < 5 PPM MOISTURE < 3 PPM TOTAL HYDROCARBONS < 0.5 PPM

*X represents cylinder size

STANDARD CYLINDER SIZE	CONTENTS (ft ³)	PRESSURE (PSIG)	CGA CONNECTION
T	278	2400	580
K	209	2015	580
Q	79	2015	580

*Approximate contents listed