



# Pure Gas

## NITROGEN

colorless, odorless, inert

### Technical Information

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

### Shipping Information

US DOT Name	Nitrogen, compressed
Hazard Class	2.2
Label	Non-Flammable Gas
I.D. Number	UN 1066

Grade	Nitrogen 6.0
Part Number	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

\*X represents cylinder size

Grade	Nitrogen CEM
Part Number	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

\*X represents cylinder contents

Grade	Nitrogen 5.5
Part Number	NI X-5.5
Impurities	Oxygen < 1 ppm Moisture < 1 ppm Total Hydrocarbons < 0.1 ppm Carbon Monoxide < 1 ppm Carbon Dioxide < 1 ppm

\*X represents cylinder size

Grade	Nitrogen 5.5 Laser
Part Number	NI X-5.5L
Impurities	Oxygen < 1 ppm Moisture < 1 ppm Total Hydrocarbons < 0.1 ppm

\*X represents cylinder size

Grade	Nitrogen 5.0
Part Number	NI X-5.0
Impurities	Oxygen < 1 ppm Moisture < 2 ppm Total Hydrocarbons < 0.5 ppm

\*X represents cylinder size

Grade	Nitrogen 4.8
Part Number	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 <sup>3</sup> )*	Pressure (psig)	CGA Connection
T	300	2400	580
K	200	2015	580
Q	80	2015	580

\*Approximate Contents Listed

