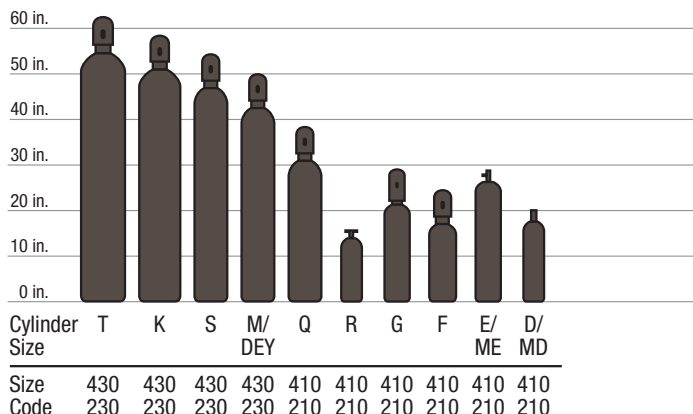


# Nitrogen N.F.

Colorless, odorless, nonflammable inert gas

## High-Pressure Cylinders



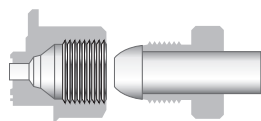
Major Hazards: High Pressure and Asphyxiation  
 Toxicity: Nontoxic  
 Fire Potential: Nonflammable  
 Boiling Point (°F): -320.4  
 Molecular Weight: 28.01  
 Specific Gravity: 0.97  
 Critical Temperature (°F): -237.8  
 Critical Pressure (psia): 492.2  
 Specific Volume (cf/lb): 13.8  
 UN No.: 1066

### DOT Designation

Name: Nitrogen, Compressed  
 Label: Green, Nonflammable Gas

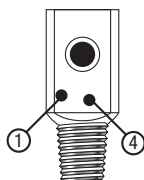
Hazard Classification: 2.2

### CGA Connection No. 580



Threaded outlet type valves

### CGA Connection No. 960



Post type pin indexed valves

### PURITY SPECIFICATIONS

Purity: Nitrogen  $\geq$  99.0  
 Odor: None

$O_2 \leq$  1.0%  
 $CO \leq$  10ppm

### MSDS

P-4630

### CYLINDER SPECIFICATIONS

### Equipment Recommendations

Ordering Number	Cylinder Size	Nominal Contents	Pressure (psig) @ 70°F	CGA Connection	Regulator
NI M-D	M-D	14 cu ft	2000	960	WESM1-960-PG
NI M-E	M-E	23 cu ft	2000	960	WESM1-960-PG
NI M-K	K	228 cu ft	2200	580	WESM1-580-PG WESMSH-180-580
NI M-T	T	304 cu ft	2640	580	WESM1-580-PG WESMSH-180-580

Color Code:

Shoulder Color: Black

Body Color: Black

### Medical Applications

As a component in many gas mixtures; as a displacement medium in pharmaceutical vials; as a propellant in pressurized aerosol type dispensers; as a coolant for carbon dioxide surgical lasers, and as a source of pneumatic pressure to power gas operated medical devices.