

# Nitrogen N2 - Data

## Class 1

### Nitrogen, Oil Free

**PURITY:** Technical Grade "B" 99.5%  
 Technical Grade "A" 99.95%  
 High Purity Grade: 99.99%  
 UHP Grade Purity: 99.999%  
**CYLINDER COLORS:** shoulder/body; "GRAY"  
 (2) bands; "BLACK/BLACK"

**DESCRIPTION:** A colorless, odorless, chemically inert gas

**VALVE:** CGA-580 RH Female (BELOW 3000 psi)  
 CGA-680 RH Female (3000 TO 5500 psi)  
 CGA-677 LH Male (5501 TO 7500 psi)

**USES:** PRESSURIZATION, BLANKETING, PURGING,  
 FOOD PRESERVING AND FIRE EXTINGUISHERS



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### SHIPPING DATA

**SHIPPING NAME:** Nitrogen, Compressed  
**ID NO:** UN1066 DOT Class: 2.2  
**CAS Registry:** 7727-37-9  
**Molecular Weight:** 28.01

**DOT Label:** Nonflammable Gas  
**Flammability Limits:** Nonflammable

<sup>2/</sup> In psi column:  
 A = 1800 psi  
 B = 2015 psi  
 C = 2265 psi  
 D = 2300/2400 psi  
 E = 3500/3600 psi  
 F = 6000 psi

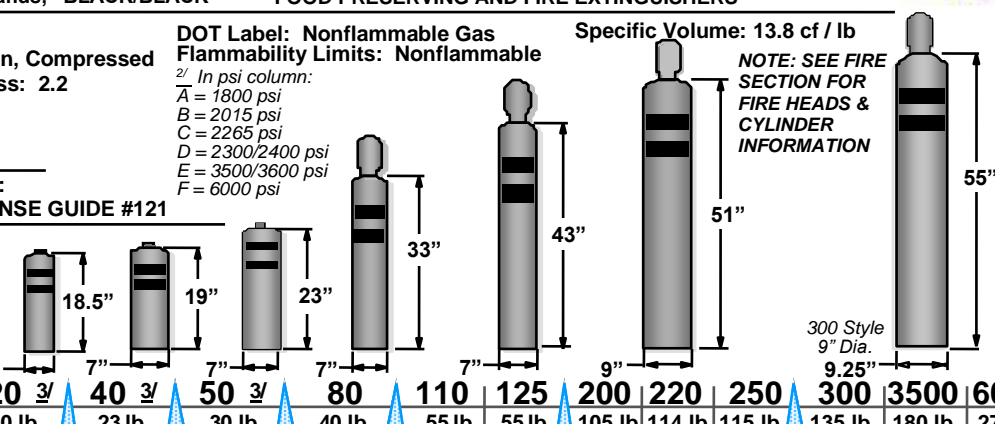
**Specific Volume:** 13.8 cf / lb

**NOTE: SEE FIRE SECTION FOR FIRE HEADS & CYLINDER INFORMATION**

### EMERGENCY RESPONSE:

See EMERGENCY RESPONSE GUIDE #121

MIL-A-A-59503A; Type 1,  
 Grade B, Class 1 (old BB-N-411C) - CGA GRADE "E"  
 (UHP A-A-59155)



### Steel

### Cylinder Styles

Tare (empty) weight 20 30 40 50 80 110 125 200 220 250 300 3500 6000

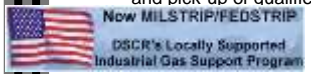
Class 1 - Oil Free Cross Reference Numbers / Prices

Cyl. style	GAS Number		GAS Price Ea.	STEEL CYLINDER (empty)			RANGE cf	2/psi
	NSN's	<sup>1/</sup> Stoody Part #		NSN's	Stoody Part #	Price ea.		
<b>CARTRIDGE</b> Fill w/ Bushing		<b>N2-CARTWO</b>	<b>\$12.50</b>	-	<b>CALL</b>	<b>CALL</b>	<b>VARIES</b>	
<b>20</b> Refill Only		<b>N2-20CF</b>	<b>\$16.50</b>	-	<b>CN2-20</b>	<b>\$87.50</b>	5 - 30	ABC
<b>40 (38)</b> Refill Only		<b>N2-40CF</b>	<b>\$18.75</b>	-	<b>CN2-40</b>	<b>\$97.50</b>	31 - 45	ABC
<b>50</b> Refill Only		<b>N2-50CF</b>	<b>\$19.95</b>	-	<b>CN2-50</b>	<b>\$112.50</b>	38 - 59	AB
<b>80</b> 6830011703555 Refill		<b>N2-80CF</b>	<b>\$21.50</b>	-	<b>CN2-80</b>	<b>\$195.00</b>	60 - 90	BC
<b>110</b> 6830013342900 Refill		<b>N2-110CF</b>	<b>\$25.00</b>	8120013342902	<b>CN2-110</b>	<b>\$212.50</b>	91 - 110	2015
<b>125</b> Refill Only		<b>N2-125CF</b>	<b>\$27.00</b>	-	<b>CN2-125</b>	<b>\$218.75</b>	111 - 125	2265
<b>200</b> Refill Only		<b>N2-184CF</b>	<b>\$30.00</b>	-	<b>CN2-C200</b>	<b>\$243.75</b>	170 - 205	1800
<b>200</b> <sup>1/</sup> Refill w/Services		<b>EXN2-184CF</b>	<b>\$40.00</b>	-	<b>See above</b>	-	170 - 205	A & B
<b>220</b> Refill Only		<b>N2-200CF</b>	<b>\$32.00</b>	-	<b>CN2-C220</b>	<b>\$255.00</b>	206 - 226	2015
<b>220</b> 6830010289402		<b>Now MILSTRIP/FEDSTRIP</b> (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		8120009857275		<b>Now MILSTRIP/FEDSTRIP</b> (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program	226	2015
<b>250</b> 6830006169183 Refill		<b>N2-220CF</b>	<b>\$35.00</b>	8120002479614	<b>CN2-C250</b>	<b>\$265.00</b>	211 - 250	2265
<b>250</b> <sup>1/</sup> Refill w/Services		<b>EXN2-220CF</b>	<b>\$45.00</b>	8120002479614	<b>CN2-C250</b>	<b>See Above</b>	211 - 250	2265
<b>300</b> 6830012679591 Refill		<b>N2-300CF</b>	<b>\$40.00</b>	8120010230539	<b>CN2-300</b>	<b>\$325.00</b>	270 - 320	D
<b>300</b> 6830012679591		<b>Now MILSTRIP/FEDSTRIP</b> (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		8120010230539		<b>Now MILSTRIP/FEDSTRIP</b> (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program	276	2400
<b>3500</b> Refill Only		<b>N2-3500</b>	<b>\$50.00</b>		<b>CN2-C3500</b>	<b>\$625.00</b>	370 - 400	E
<b>3500</b> <sup>1/</sup> Refill w/Services		<b>EXN2-3500</b>	<b>\$65.00</b>		<b>See above</b>	-	370 - 400	E
<b>3500</b> 6830012654068		<b>Now MILSTRIP/FEDSTRIP</b> (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		8120012633614		<b>Now MILSTRIP/FEDSTRIP</b> (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program	336	3500
<b>6000</b> 6830014310639 Refill		<b>N2-6000</b>	<b>\$170.00</b>	8120013626386	<b>CN2-6000</b>	<b>\$1,250.00</b>	450 - 500	6000
<b>6000</b> 6830014310639		<b>Now MILSTRIP/FEDSTRIP</b> (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		8120013626386		<b>Now MILSTRIP/FEDSTRIP</b> (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program	494	DOT E-9909 6000
<b>220 Grade A</b> 6830006561596		<b>Now MILSTRIP/FEDSTRIP</b> (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		8120009857275		<b>Now MILSTRIP/FEDSTRIP</b> (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program	226	2015
<b>220 *HP</b> 6830007586475 added lead time - requires QAR Inspecti		<b>Now MILSTRIP/FEDSTRIP</b> (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		8120009857275		<b>Now MILSTRIP/FEDSTRIP</b> (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program	226	2015

<sup>1/</sup>HP N2 Component Specification; N2> 99.99% (50 ppm Max Impurities), AR <35 ppm, H2 <2 ppm, NE <10 ppm, O2 <1 ppm, CO & CO2 <5 ppm, Total Hydrocarbons (CH4) <2ppm, Dew Point < -76°F

<sup>1/</sup> Refill price on gas cylinder exchange part numbers beginning with an "EX" includes basic cylinder maintenance services

Stoody Industrial & Welding Supply, Inc. has teamed with Haas Group International (HGI) to locally support this item under HGI/ Defense Logistics Agency - Aviation (DLAA) contract #SPM4AR-07-D-0100. Once your order has been placed Stoody Industrial & Welding Supply, Inc will arrange delivery of full cylinder(s), and pick-up of qualified empty cylinder(s) within 2 - 5 days and typically no later than 12 days (according to the Issue Priority Group [IPG] you select).



Non-MILSTRIP/FEDSTRIP items may be ordered directly from Stoody Industrial & Welding Supply, Inc.

To order your MILSTRIP/FEDSTRIP items, you may use these methods:

- (1) Service/Government agency automated ordering systems using MILSTRIP/FEDSTRIP (Standard Form 344) - (this is the preferred method)
- (2) Email your MILSTRIP/FEDSTRIP order to DLA's Customer Interaction Center at: [DLAContactCenter@dla.mil](mailto:DLAContactCenter@dla.mil)
- (3) Online shopping using a Government credit card through the DoD E-Mail at: <https://dod-e-mail.dla.mil> call 1-877-352-2255 DSN 661-7766

For MILSTRIP/FEDSTRIP item program questions, call 1-866-724-0932

To speak with a DLA Customer Interaction Center representative, call 1-877-DLA-CALL



# Nitrogen N2 - Data Class 2

Scan for  
Current Price Page



## Nitrogen, Oil Tolerant

**PURITY:** Technical Grade "B" 99.5%

**CYLINDER COLORS:** shoulder/body; "GRAY"  
(1) band; "BLACK"

**DESCRIPTION:** A colorless, odorless, chemically inert gas

**VALVE:** CGA-590 O/T LH Female (3000 psi & Below)  
CGA-621 O/T LH Male (3000 TO 5500 psi)

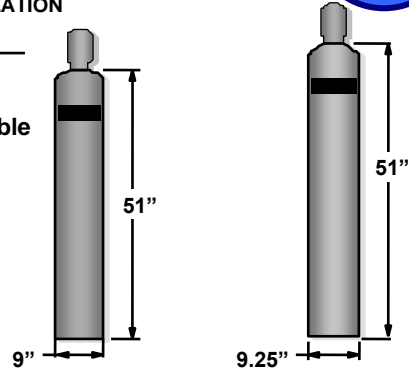
**USES:** PRESSURIZATION



**SHIPPING DATA**

**SHIPPING NAME:** Nitrogen, Compressed  
**ID NO:** UN1066 **DOT Class:** 2.2  
**CAS Registry:** 7727-37-9  
**Molecular Weight:** 28.01  
**EMERGENCY RESPONSE:**  
See **EMERGENCY RESPONSE GUIDE #121**

**DOT Label:** Nonflammable Gas  
**Flammability Limits:** Nonflammable  
**Specific Volume:**  
13.8 cf / lb



MIL-A-A-59503A; Type1,  
Grade B, Class 2

### Steel Cylinder Styles

Tare (empty) weight

<b>200</b>	<b>220</b>	<b>3500</b>
105 lb.	114 lb.	180 lb.

### Class 2 - Oil Tolerant Cross Reference Numbers / Prices

Cyl. style	GAS Number		GAS Price Ea.	STEEL CYLINDER (empty)			RANGE cf 1/psi	
	NSN's	<sup>1/</sup> Stoody Part #		NSN's	Stoody Part #	Price ea.		
200	Refill Only	<b>N2-184OP</b>	<b>\$35.00</b>	-	<b>CN2-200T</b>	<b>\$310.00</b>	170 - 205	1800
220	Refill Only	<b>N2-220OP</b>	<b>\$40.00</b>	-	<b>CN2-220T</b>	<b>\$318.43</b>	206 - 226	2015
220	6830012502888	<b>Now MILSTRIP/FEDSTRIP</b> <small>(see below for ordering information)</small> <b>DSCR's Locally Supported Industrial Gas Support Program</b>		8120001931698	<b>Now MILSTRIP/FEDSTRIP</b> <small>(see below for ordering information)</small> <b>DSCR's Locally Supported Industrial Gas Support Program</b>		226	2015
3500	Refill Only	<b>N2-3500T</b>	<b>\$50.00</b>	-	<b>CN2-3500T</b>	<b>\$755.00</b>	370 - 400	E
3500	6830012838777	<b>Now MILSTRIP/FEDSTRIP</b> <small>(see below for ordering information)</small> <b>DSCR's Locally Supported Industrial Gas Support Program</b>		8120012853377	<b>Now MILSTRIP/FEDSTRIP</b> <small>(see below for ordering information)</small> <b>DSCR's Locally Supported Industrial Gas Support Program</b>		336	3500

<sup>1/</sup> In psi column: A = 1800 psi; B = 2015 psi; C = 2265 psi; D = 2300/2400 psi; E = 3500/3600 psi; F = 6000 psi

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To speak with a DLA Customer Interaction Center representative, call 1-877-DLA-CALL  
For more Information on this Program see the Military Bottled Gas Ordering Guide