Helium He - Data

Helium, Oil Free MIL-BB-H-1168C

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

Purity: **Grade A:** 99.995% (CGA GRADE H)
Grade B: 97.5% Not stocked - call for large quantity pricing (use Grade "A" for non-truckload quantities)
UHP (Ultra High Purity): 99.999% (CGA G-9.1 GRADE P)

See Helium Accessories page for balloon filling supplies and capacities.

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CYLINDER COLORS: **shoulder & cap; "BUFF"**
body; "GRAY"

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

SHIPPING DATA
SHIPPING NAME: Helium, Compressed
ID NO: UN1046 DOT Class: 2.2
CAS Registry: 7440-59-7

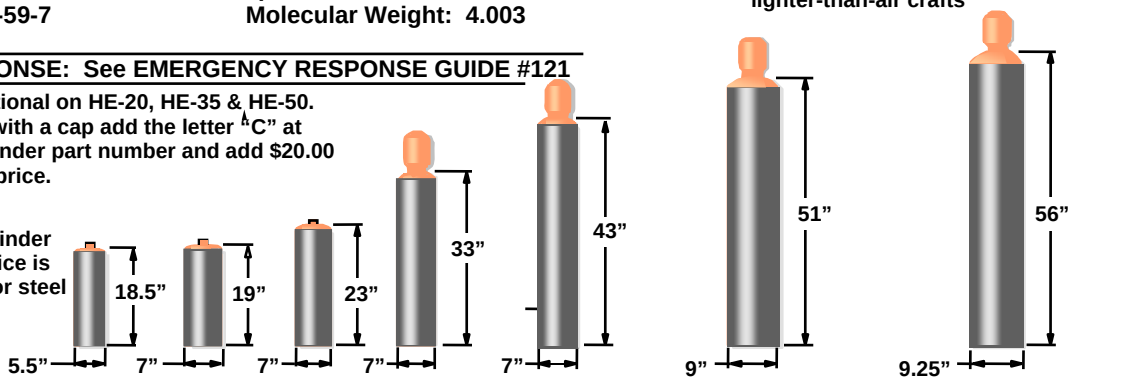
DOT Label: Nonflammable Gas
Flammability Limits: Nonflammable
Specific Volume: 96.7 cf / lb
Molecular Weight: 4.003

USES: **(Grade A) A Shielding gas for welding processes**
(Grade B) For balloons and lighter-than-air crafts

EMERGENCY RESPONSE: See EMERGENCY RESPONSE GUIDE #121

3/ Collar/cap set is optional on HE-20, HE-35 & HE-50. To specify a cylinder with a cap add the letter "C" at end of the Stoody Cylinder part number and add $20.00 to the empty cylinder price.

NOTE: **Also see the Aluminum Cylinder Section, fill price is the same as for steel cylinders.**



Steel Cylinder Styles	20 3/	40 3/	50 3/	80	110	125	200	220	250	300	3500	call
Tare (empty) weight	10 lb.	23 lb.	30 lb.	40 lb.	55 lb.	55 lb.	105 lb.	114 lb.	115 lb.	135 lb.	180 lb.	270 lb.

Grade A, Cross Ref. Numbers / Prices

Cyl. style	GAS No. NSN's	GAS No. 1/ Stoody Part No.	Gas fill Price Ea.	CYLINDER (empty cyl.) NSN's	CYLINDER (empty cyl.) 1/Stoody Part No.	CYLINDER (empty cyl.) Price ea.	RANGE cf / Psi 2	
20 (24)	-	HE-20CF	$44.00	-	CHE-20	$87.50	15 - 20	ABC
40	-	HE-40CF	$47.00	-	CHE-35	$97.50	35 - 49	AB
50	-	HE-50CF	$59.00	-	CHE-50	$112.50	50 - 59	BC
80	-	HE-80CF	$75.00	-	CHE-80	$195.00	60 - 99	2015
110	-	HE-105CF	$85.00	-	CHE-110	$212.50	90 - 108	2015
125	-	HE-115CF	$90.00	-	CHE-125	$218.75	109 - 120	2265
200	-	HE-160CF	$108.00		CHE-C197	$243.75	160 - 197	1800
200	-	EXHE-160CF	$110.00		-	-	160 - 197	1800
220	-	HE-200CF	$135.00	-	CHE-C220	$255.00	198 - 219	2015
220	6830007822656	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		8120002446981	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		216	2015
250	-	HE-220CF	$155.00	-	CHE-250	$265.00	220 - 240	2265
300	-	HE-330CF	$190.00	-	CHE-300	$325.00	260 - 291	2400
3500	-	HE-3500CF	$299.00	-	CHE-3500	$625.00	292 - 399	E
220 UHP	6830015971999	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		8120015975177	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		216	2015
220 UHP	-	EXHE-220UHP	$275.00		-	-	198 - 219	2015

1/ The refill price on gas cylinder exchange part numbers beginning with an "**EX**" includes basic cylinder maintenance services
2/ In psi column: A = 1800 psi; B = 2015 psi; C = 2265 psi; D = 2400 psi; E = 3500/3600 psi

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).

Now MILSTRIP/FEDSTRIP DSCR's Locally Supported Industrial Gas Support Program

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
(3) Call your MILSTRIP/FEDSTRIP order in to DESX, which uses voice recognition, at **1-877-DLA-CALL**
(4) Online shopping using a Government credit card through the **DoD E-Mall** at: https://dod-emall.dla.mil call 1-877-352-2255 DSN 661-7766

DOD EMALL

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

For more Information on this Program see the Military Bottled Gas Ordering Guide