

Hydrogen H2 - Data



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Hydrogen

DESCRIPTION: A colorless, odorless, flammable gas.

Purity: Technical Grade A: 99.95%
 H/P Grade B: 99.99%
 UHP (ULTRA HIGH PURITY): 99.999% - CGA G-5.3-97 TYPE I, GRADE L

MIL-BB-H-886E Technical Grade A & H/P Grade B VALVE: CGA-350
 CYLINDER COLORS: shoulder/body; "YELLOW"
 (1) band; "BLACK"

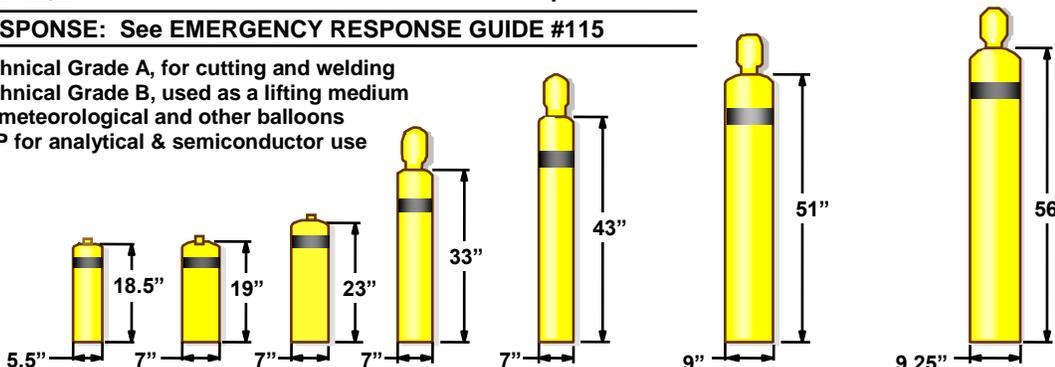
SHIPPING DATA

SHIPPING NAME: Hydrogen, Compressed DOT Label: Flammable Gas
 ID NO: UN1049 DOT Class: 2.1 Flammability Limits: 4.0-75% in Air
 CAS Registry: 1333-74-0 Specific Volume: 192 cf / lb
 Molecular Weight: 2.02



EMERGENCY RESPONSE: See EMERGENCY RESPONSE GUIDE #115

- USES (1) Technical Grade A, for cutting and welding
 (2) Technical Grade B, used as a lifting medium for meteorological and other balloons
 (3) UHP for analytical & semiconductor use



Steel

Cylinder Styles	call	call	call	call	call	call	200	220	250	call	call	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.

Technical Grade A & Ultra High Purity Grade, Cross Reference Numbers / Prices

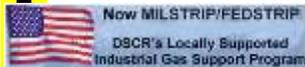
Cyl. style	GAS Number		Gas fill Price Ea.	CYLINDER (empty cylinder)			RANGE cf / Psi	
	NSN's	¹ Stoody Part #		NSN's	Stoody Part #	Price Ea.		
200	Refill Only	H2-175CF	\$70.00	-	CH2-200	\$243.75	175-193	1800
220	Refill Only	H2-194CF	\$80.00	-	CH2-220	\$255.00	194 - 210	2015
250	6830014311196	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		8120011784754	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		211	2265
250 UHP	6830004745789	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		8120011784754	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		211	2265
250 UHP	¹ Refill w/Services	EXH2-213UHP	\$195.00	-	CH2-220UHP	\$325.00	211 - 213	2265

High Purity Grade B, Cross Ref. Numbers / Prices

Cyl. style	GAS Number		Gas fill Price Ea.	CYLINDER (empty cyl.)			RANGE cf / Psi	
	NSN's	¹ Stoody Part #		NSN's	Stoody Part #	Price Ea.		
250	Refill Only	H2-213CF	\$70.00	-	CH2-250A	\$265.00	211 - 213	2265
250	6830010032698 Refill	EXH2-213CF	\$98.00	-	See above	-	211 - 213	2265

¹Refill 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
- (3) Online shopping using a Government credit card through the DoD E-Mail at: <https://dod-email.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

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