

Stoody Industrial & Welding Supply, Inc. – Headquarters San Diego (619) 234-6750 WWW.STOODYIND.COM  
**Sulfur Hexafluoride SF6 / Specialty High Purity & Calibration Gas - Data**

**Sulfur Hexafluoride**

Purity: 99.8%  
 ASTM D2472-00 (old MIL-BB-S-1419) VALVE: CGA-590 L.H.  
 CYLINDER COLORS: shoulder/body; "GRAY" bands: (1) "WHITE (1) "BLACK

DESCRIPTION:  
 A colorless, odorless, liquefied gas

**SF6 REGULATOR**

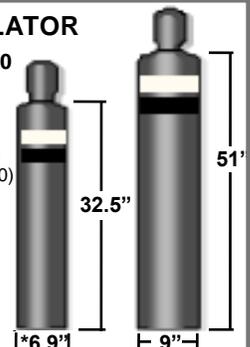
#HPD-3-30-590  
 \$365.00 EA



Stainless Diaphragm  
 2-30 PSI Outlet (1/4"FNPT)  
 3000 PSI Max Inlet (CGA-590)

1/ The refill price includes basic cylinder maintenance services if the part number for the gas refill begins with an "EX"

\*Style 80 Cylinder Actual Size; Steel 6.9" x 32.5" Aluminum 7.25" x 32.9"



SHIPPING DATA  
 SHIPPING NAME: Sulfur Hexafluoride  
 CAS Registry: 2551-62-4  
 ID NO: UN1080 DOT Class: 2.2  
 Molecular Weight: 146.05  
 DOT Label: Nonflammable Gas  
 Flammability Limits: Nonflammable  
 Specific Volume: 2.5 cf / lb  
 USES: As a dielectric fluid or in electronic equipment

**Gas Purity Conversion Table**

Purity	Impurities
99.9999%	= 1 ppm
99.999%	= 10 ppm
99.99%	= 100 ppm
99.9%	= 1,000 ppm
99%	= 10,000 ppm

EMERGENCY RESPONSE:  
 See EMERGENCY RESPONSE GUIDE #126

Cylinder Style 80 Empty Weight; Steel 51 lb. – Aluminum 40 lb. Empty 114 lb.



Scan for Current Price Page

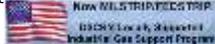
**Gas & Cylinder Cross Reference Numbers / Prices**

Cyl. style	GAS Number		Gas fill Price Ea.	CYLINDER (empty)			Cylinder Rated PSI & SF6 lbs.
	NSN's	1/Stoody Part No.		NSN's/Type	Stoody Part No.	Price ea.	
80	Refill Only	SH612-40	\$785.00	STEEL	CSH612-40	\$195.00	2015/40lbs
				ALUMINUM	CSH612-40A	CALL	2216/40lbs
80	6830014549231	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		8120014549322 Aluminum	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		2216/40lbs
220	1/Refill w/Services	1/ EXSH612-100	\$1,850.00	-	CSH612-C220	\$265.00	VARIES/100lbs
220	6830009857283	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		8120001394441 Steel	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		2015/100lbs

**HIGH PURITY &**

Gas Type	Cyl. style	GAS Number		Gas fill Price Ea.	CYLINDER (empty)			Cylinder Rated PSI
		NSN's	1/Stoody Part		NSN's/Type	Stoody Part	Price ea.	
ARTIFICIAL AIR	13cf 4.5x17	6830012242527	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		Included w/Gas	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		2015
ARGON METHANE 95%Ar-5%CH4	220 9x51	Refill Only	M5AR-210UHP	\$133.00	Must be purchased if exchange cylinder is not viable	CH2-220	CALL	2015
ARGON METHANE 90%Ar-10%CH4	240cf 9x51	6830000602793	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program					
ARGON HYDROGEN %Ar-%H	VARIES	Refill Only (Forming Gas)	FG-CUSTOM-CF	CALL	-	VARIES	CALL	VARIES
ULTRA HIGH PURITY >99.98% OXYGEN	80cf 7x32.5	Refill Only	O2-80UHP	\$85.00	-	CO2-80	CALL	2015
ULTRA HIGH PURITY >99.98% OXYGEN	80cf 7x32.5	6830011086039	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		8120012051424	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		2015
ULTRA HIGH PURITY >99.98% OXYGEN	220cf 9x51	-	O2-200UHP	\$155.00		CO2-C220	CALL	2015
ULTRA HIGH PURITY >99.99% NITROGEN	<50cf 7x23	Refill Only (use this part number for smaller sizes)	N2-50UHP	\$80.00		CN2-50	CALL	1800/2015
ULTRA HIGH PURITY >99.99% NITROGEN	80 7x32.5	Refill Only	N2-80UHP	\$95.00		CN2-80	CALL	2015
ULTRA HIGH PURITY >99.98% NITROGEN	80cf (75) 7x32.5	6830011688488	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		8120012074978	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		2015
ULTRA HIGH PURITY >99.99% NITROGEN	220cf 9x51	1/Refill w/Services	EXN2-230UHP	\$180.00	-	CN2-C220	CALL	2015
ULTRA HIGH PURITY >99.99% NITROGEN	300cf 9x56	Refill Only	N2-300UHP	\$180.00	-	CN2-300	CALL	2400
ULTRA HIGH PURITY >99.99% NITROGEN	470cf 9.25x51	Refill Only	N2-3500UHP	\$210.00	-	CN2-3500	CALL	3500
HYDROGEN In AIR 2%H-98%AIR	35 7x19	6830013920222	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		Must be purchased if exchange cylinder is not viable	CCAL-35C (w/Cap)	\$245.50	2015
OXYGEN In NITROGEN 2%O2-98%N2	228cf 9x51	6830011241435	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		Must be purchased if exchange cylinder is not viable	CMIX -220	CALL	2015
HYDROGEN OXYGEN NITROGEN 2.5%H-20.5%O2 77%N2	9.8cf 4.5x17	6830012287090	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program		Must be purchased if exchange cylinder is not viable	CCAL-20C (w/Cap)	\$235.50	2015 fill max 1,815
OXYGEN HYDROGEN 1%O2 - 99%H	10cf 7x18.25	6830014499261	Now MILSTRIP/FEDSTRIP (see below for ordering information) DSCR's Locally Supported Industrial Gas Support Program					2015 fill max 400

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: [DLACContactCenter@dlamil](mailto:DLACContactCenter@dlamil)
- (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

