

# Argon Ar - Data



## Argon, Oil Free

Purity: 99.985% Industrial Grade  
 99.999% UHP Grade (Oxygen < 2ppm, Water < 4ppm, Dew Point < -88°F, Total Hydrocarbons (CH4))  
**MIL-A-18455C TYPE 1 CGA GRADE A AWS A5.32M VALVE: CGA-580 (up to 3000 psi)**  
**CYLINDER COLORS: shoulder/body; "GREY"**  
 (1) band; "WHITE"  
**CGA-680 (3001 to 5500 psi)**  
**CGA-677 (5501 to 7500 psi)**

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



### SHIPPING DATA

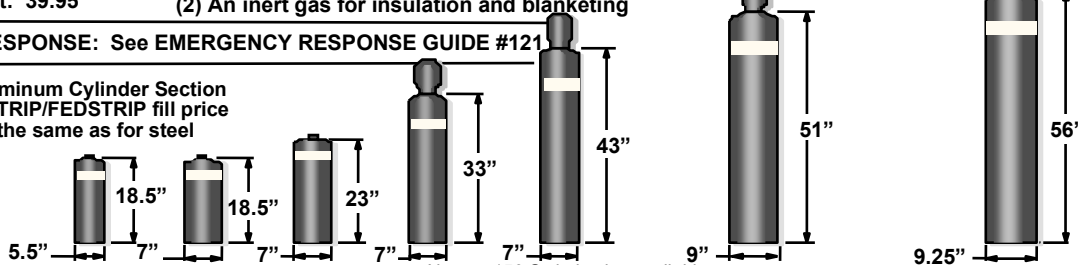
SHIPPING NAME: Argon, Compressed  
 ID NO: UN 1006 DOT Class: 2.2

DOT Label: Nonflammable Gas  
 Flammability Limits: Nonflammable  
 Specific Volume: 9.7 cf/lb

CAS Registry: 7440-37-1 USES: (1) A Shielding gas for welding (prevents carbon scale)  
 Molecular Weight: 39.95 (2) An inert gas for insulation and blanketing

EMERGENCY RESPONSE: See EMERGENCY RESPONSE GUIDE #121

Also see the Aluminum Cylinder Section (note: Non-MILSTRIP/FEDSTRIP fill price for aluminum is the same as for steel cylinders).



Note: a 150 Style is also available but uncommon 7"x48"

<b>Steel Cylinder Styles</b>	<b>20</b>	<b>40</b>	<b>50</b>	<b>80</b>	<b>110</b>	<b>125</b>	<b>200</b>	<b>220</b>	<b>250</b>	<b>300</b>	<b>3500</b>	<b>6000</b>
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.

### Cross Reference Numbers / Prices

Cylinder Style	1/GAS Part Number		GAS Price Ea.	3/ CYLINDER (empty)			RANGE cf /psi 2/	
	NSN's	1/Stoody Part No.		NSN's	Stoody Part No.	Price ea.		
20	Refill Only	AR-22CF	\$30.15	N/A	CAR-20	\$99.99	12 - 25	ABC
40 (38)	Refill Only	AR-35CF	\$35.24	N/A	CAR-35	\$122.22	30 - 49	ABC
50	Refill Only	AR-50CF	\$38.73	N/A	CAR-50	\$165.00	50 - 59	ABC
60	Aluminum/Refill Only	AR-60CF			ACHE-50	See page 71	60	AB
80	Refill Only	AR-80CF	\$47.20	N/A	CAR-80	\$299.90	61 - 99	BC
110	6830014593511 Refill Only	AR-110CF	\$53.65	8120014441606	CAR-110	\$305.00	100 - 110	2015
125	Refill Only	AR-125CF	\$56.00	N/A	CAR-125	\$333.00	111 - 125	2265
150	Refill Only	AR-150CF	70.00	N/A	CALL	CALL	150	BC
200	Refill Only	AR-197CF	\$87.00	N/A	CAR-C197	\$342.70	190 - 210	1800
	1) Service & Refill	EXAR-197CF	\$89.00					
220	Refill Only	AR-220CF	\$94.90	8120004212130	CAR-C220	\$349.99	211 - 230	2015
	1) Service & Refill	EXAR-220CF	\$102.52					
250	Refill Only	AR-250CF	\$98.90	8120002828077	CAR-C250	\$355.00	231 - 260	2265
	6830009857281 6830014310576 1) Service & Refill	EXAR-250CF	\$109.49					
300	6830005648989 Refill Only	AR-330CF	\$109.99	N/A	CAR-300	\$442.22	300 - 350	D
3500	6830014310533 Refill Only	AR-3500	\$210.68	8120014311177	CAR-3500	\$772.22	370 - 400	3500
6000	Refill Only	AR-6000	\$289.00	N/A	CAR-6000	\$1,433.33	450 - 500	6000
20 *UHP	Refill Only	AR-22UHP ULTRA HIGH PURITY	\$120.00	N/A	CAR-20UHP	\$195.00	12 - 25	ABC
40 (38) *UHP	Refill Only	AR-35UHP ULTRA HIGH PURITY	\$130.00	N/A	CAR-40UHP	\$225.00	30-49	ABC
80 *UHP	Refill Only	AR-80UHP	\$160.00	N/A	CAR-80UHP	\$375.00	60 - 99	BC
200 *UHP	Refill Only	AR-197UHP ULTRA HIGH PURITY	\$249.67	N/A	CAR-C197U	\$425.00	190 - 200	1800
220 *UHP	Refill Only	AR-220UHP ULTRA HIGH PURITY	\$285.00	N/A	CAR-C220U	\$475.00	210 - 230	2015
250 *UHP	Refill Only	AR-250UHP ULTRA HIGH PURITY	\$346.60	N/A	CAR-C250U	\$485.00	231 - 260	2265
300 *UHP	Refill Only	AR-300UHP ULTRA HIGH PURITY	\$359.20	N/A	CAR-300U	\$495.00	300 - 350	2400

2/ In psi column:

A = 1800 psi  
 C = 2265 psi  
 E = 3500/3600 psi

B = 2015 psi  
 D = 2300/2400 psi  
 F = 6000 psi

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

1) The refill price on gas cylinder exchange part numbers beginning with an "EX" includes basic cylinder maintenance services as needed

Color coded rows identify the most commonly ordered MIL-SPEC gas refills & cylinders