

ARGON (Ar) CGA-580

A colorless, odorless, nonflammable, inert compressed gas at high pressure.

Toxicity: Simple Asphyxiant

Compatible Materials: Non-corrosive; most common Structural materials can be used.

Molecular Weight: 39.95

Specific Volume at 70°F and 1 atm: 9.68 f³/lb

DOT Hazard Class: Nonflammable Gas (2.2)

DOT Label: Non-flammable Gas

DOT ID No.: UN 1006

CAS No.: 7440-37-1

*Batch Analysis or individual Certificate of Analysis Available at additional nominal charge.

ARGON, Research Grade 5.5

Minimum Purity 99.9997%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Guaranteed Spec. (Molar ppm)
025	02136025S	25 CF.	2015 P.S.I.	O ₂ < 1 CO ₂ < 0.5
244	02136244S	282 CF.	2015 P.S.I.	THC < 0.5 H ₂ O < 0.5
300	02136300S	336 CF.	2400 P.S.I.	N ₂ < 3.0

ARGON, Ultra Pure Carrier Grade 5.0

Minimum Purity 99.9995%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Guaranteed Spec. (Molar ppm)
122	02133122S	125 CF.	2015 P.S.I.	N ₂ < 2
244	02133244S	250 CF.	2015 P.S.I.	H ₂ O < 1
300	02133300S	336 CF.	2400 P.S.I.	O ₂ < 1 THC < 0.5

ARGON, Sputtering Grade (Electronic Grade)

Minimum Purity 99.9995%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Guaranteed Spec. (Molar ppm)
244	02130244S	250 CF.	2015 P.S.I.	THC < 0.5 H ₂ O < 1 H ₂ < 1 O ₂ < 0.2 N ₂ < 4

ARGON, Ultra High Purity (U.H.P)

Minimum Purity 99.999%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Guaranteed Spec. (Molar ppm)
025	02130025S	25 CF.	2015 P.S.I.	O ₂ < 3.5
244	02130244S	250 CF.	2015 P.S.I.	THC < 0.5
300	02130300S	336 CF.	2400 P.S.I.	H ₂ O < 1.5

To place an order, call 860-278-2376

ARGON CONTINUED

ARGON, Zero Grade 4.8

Minimum Purity 99.998%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Guaranteed Spec. (Molar ppm)
025	02127025S	25 CF.	2000 P.S.I.	THC < 0.5
244	02127244S	250 CF.	2015 P.S.I.	O ₂ < 4.0
300	02127300S	336 CF.	2400 P.S.I.	H ₂ O < 3.5

ARGON, Pre-purified Grade 4.8

Minimum Purity 99.998%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Guaranteed Spec. (Molar ppm)
025	02123025S	25 CF.	2015 P.S.I.	O ₂ < 5
244	02124244S	250 CF.	2015 P.S.I.	H ₂ O < 5
300	02124300S	336 CF.	2400 P.S.I.	Dew Point < -90°F

MIL-A-18455B-3/20/62 Batch Analyzed

ARGON, Liquid Grade 4.8

Minimum Purity 99.998%

Order Size	Product Code	Approximate Liters	Approximate Capacity	Typical Impurities (Molar ppm)
196	01060196L	196 Liters	5274 CF.	O ₂ < 5 H ₂ O < 5
240	01060240L	240 Liters	6075 CF.	MIL-18455C-3/20/62

ARGON, High Pressure Grade 4.7 CGA-677

Minimum Purity 99.998%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities (Molar ppm)
360	01050360S	360 CF.	3500 P.S.I.	O ₂ < 5
6000	02131244S	566 CF.	6000 P.S.I.	H ₂ O < 5

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ARGON CONTINUED

ARGON, Standard Grade 4.7

Minimum Purity 99.997%

Order Size	Product Code	Approximate Capacity	Approximate Pressure	Typical Impurities (Molar ppm)
025	01050025S	25 CF.	2015 P.S.I.	H ₂ O < 20
060	01050060S	66 CF.	2015 P.S.I.	O ₂ < 20
244	01050244S	250 CF.	2015 P.S.I.	
300	01050300S	336 CF.	2400 P.S.I.	

ARGON REGULATORS – BRASS DUAL STAGE

Product Code	Brand	Style	Delivery Pressure P.S.I.	Description
05390017C	Western	SG-SH-SHSS	0-15, 0-45, 0-150	Single Stage
05390148C	Western	LM-LMSS	0-15, 0-100, 0-150	Dual Stage High Purity

HIGH PRESSURE REGULATORS ARE AVAILIABLE UPON REQUEST

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