



ARGON Ar

Colorless, odorless, nonflammable inert gas.

SHIPPING INFORMATION

D.O.T. Proper Shipping Name: Argon, compressed
I.D. Number: UN1006
Hazard Class: 2.2
Shipping Labels: Nonflammable Gas

TECHNICAL INFORMATION

Molecular Weight: 39.948
Specific Volume: 9.67 ft³/lb.
CAS Registry: 7440-37-1
Safety Data Sheet Reference: Argon

PRODUCT GRADE SPECIFICATIONS

Grade Name	Grade	Minimum Purity	Grade Code	Catalog Number ¹	Maximum Impurity Specifications in PPM by volume (unless otherwise specified) ²						
					O ₂	H ₂ O	THC (as CH ₄)	N ₂	N ₂ +O ₂	CO ₂	CO
Research	6.0	99.9999%	RES	SG ARRES-	0.2	0.2	0.1	2		0.1	0.1
Ultra Carrier	5.5	99.9995%	UC	SG ARUC-	1	1	0.5	2		0.5	0.5
Lab & Spec	5.5	99.9995%	LSG	SG ARLSG-	1	1	0.5				
Ultra High Purity	5.0	99.999%	UHP	SG ARUHP-	3	3	0.5				
Zero	4.8	99.998%	Z	SG ARZ-	3	3	1				
High Purity	4.8	99.998%	HP	SG ARHP-	5	5					

Notes:

¹ Complete the catalog number by selecting cylinder size code using chart below. Except for Disposables, "SG" will be replaced with "DSP".

² Specifications are typical results and are subject to change without notice.

CYLINDER INFORMATION

Cylinder Size	Cylinder Size Code	Volume ³ ft ³	Pressure (PSIG)	Valve Connection CGA	Gross Weight (lbs.)
High Pressure Carbon Steel Cylinders					
6K ⁴	6K	572	6000	677	363
3K ⁴	3K	383	3500	680	230
300 ⁵	T	301	2400	580	178
200 ⁵	K	224	2015	580	160
80	Q	76	2015	580	74
35	G	36	2015	580	34
High Pressure Aluminum Cylinders					
150A	DA	152	2015	580	65
80A	QA	88	2216	580	39
33A	GA	34	2216	580	12
Disposable Non-Refillable Cylinders					
Lecture Bottle	LB	2	1800	170 or 580	4

Notes:

³ This product is sold by the cylinder. Fill volumes are approximate and may vary slightly depending on the cylinder manufacturer's specifications.

⁴ Only available in UHP grades or lower.

Also available in other packaging such as:

- ⁵ High capacity cylinders with special pressure ratings in singles and packs
- 6Packs & 15Packs in select sizes and grades
- Refer to Cryogenic Section for Liquid Argon
- Bulk tube trailers

Contact your WestAir representative about equipment recommendations for this product.