



Product Specification

ARGON (Ar)

General Characteristics: A colorless, non-flammable and odorless gas.

Health Hazards: A simple asphyxiant.

Gas Grade/Purity	Cylinder Size	Contents	Product Code
ULSI Min. Purity: 99.9997% H ₂ O < 0.50 ppm O ₂ < 1.00 ppm N ₂ < 1.00 ppm THC _s < 0.10 ppm CO ₂ + CO < 0.10 ppm	50 L (2900 psig)	10.2 m ³	AR5N7200S
	44 L	6.2 m ³	AR5N7137R
	10 L	1.5 m ³	AR5N7137G
Ultra High Purity Min. Purity: 99.999% H ₂ O < 2 ppm O ₂ < 3 ppm N ₂ < 5 ppm	50 L (2900 psig)	10.2 m ³	AR5N200S
	44 L	6.2 m ³	AR5N137R
	10 L	1.5 m ³	AR5N137G
High Purity Min. Purity: 99.995% H ₂ O < 10 ppm O ₂ < 10 ppm N ₂ < 15 ppm	50 L (2900 psig)	10.2 m ³	AR4N5200S
	44 L	6.2 m ³	AR4N5137R
	10 L	1.5 m ³	AR4N5137G
Industrial Min. Purity: 99.95% H ₂ O < 100 ppm O ₂ < 100 ppm N ₂ < 100 ppm	50 L (2900 psig)	10.2 m ³	AR3N5200S
	44 L	6.2 m ³	AR3N5137R
	10 L	1.5 m ³	AR3N5137G

Cylinder Specification

Cylinder Size	Cylinder Dimension Diameter x Height	Connection	Content
50 L	23 cm x 150 cm approx.	BS 341 No.3	Net content : 10200L Pressure@70°F: 2900 psig
44 L	23 cm x 130 cm approx.	BS 341 No.3	Net content : 6200L Pressure@70°F: 2000 psig
10 L	18 cm x 60 cm approx.	BS 341 No.3	Net content : 1500L Pressure@70°F: 2000 psig

Technical Information

Molecular Weight	39.95	Dot Name	Argon, Compressed
Specific Volume	9.7CF/lb	UN No.	UN1006
Fire Potential	Non-flammable	Dot Class	2.2
TLV-TWA	None established	Dot Label.....	Non-flammable Gas
CGA Valve	580, 3HP-677, 2HP-680	Cas Registry	7440-37-1
LB	180		