



## 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
<b>Research</b> Min. Purity: 99.9997% H <sub>2</sub> O < 0.02 ppm O <sub>2</sub> < 0.01 ppm N <sub>2</sub> < 1.00 ppm THC <sub>s</sub> < 0.10 ppm CO <sub>2</sub> + CO < 0.10 ppm	51 L (2900 psig)	10.2 m <sup>3</sup>	AR5N7200S
	44 L	6.2 m <sup>3</sup>	AR5N7137R
	10 L	1.5 m <sup>3</sup>	AR5N7137G
<b>Ultra High Purity</b> Min. Purity: 99.999% H <sub>2</sub> O < 2 ppm O <sub>2</sub> < 3 ppm N <sub>2</sub> < 5 ppm	51 L (2900 psig)	10.2 m <sup>3</sup>	AR5N200S
	44 L	6.2 m <sup>3</sup>	AR5N137R
	10 L	1.5 m <sup>3</sup>	AR5N137G
<b>High Purity</b> Min. Purity: 99.995% H <sub>2</sub> O < 10 ppm O <sub>2</sub> < 10 ppm N <sub>2</sub> < 15 ppm	51 L (2900 psig)	10.2 m <sup>3</sup>	AR4N5200S
	44 L	6.2 m <sup>3</sup>	AR4N5137R
	10 L	1.5 m <sup>3</sup>	AR4N5137G
<b>Industrial</b> Min. Purity: 99.95% H <sub>2</sub> O < 100 ppm O <sub>2</sub> < 100 ppm N <sub>2</sub> < 100 ppm	51 L (2900 psig)	10.2 m <sup>3</sup>	AR3N5200S
	44 L	6.2 m <sup>3</sup>	AR3N5137R
	10 L	1.5 m <sup>3</sup>	AR3N5137G

### Cylinder Specification

Cylinder Size	Cylinder Dimension Diameter x Height	Connection	Content
51 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		