



Product Specification

HELIUM (He)

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

Health Hazards: A simple asphyxiant.

Gas Grade/Purity	Cylinder Size	Contents	Product Code
Ultra High Purity Min. Purity: 99.999% H ₂ O < 2 ppm O ₂ < 3 ppm N ₂ < 5 ppm	51 L (2900 psig)	10.2 m ³	HE5N200S
	44 L	6.2 m ³	HE5N137R
	10 L	1.5 m ³	HE5N137G
High Purity Min. Purity: 99.995% H ₂ O < 10 ppm O ₂ < 10 ppm N ₂ < 15 ppm	51 L (2900 psig)	10.2 m ³	HE4N5200S
	44 L	6.2 m ³	HE4N5137R
	10 L	1.5 m ³	HE4N5137G
Industrial Min. Purity: 99.95% H ₂ O < 100 ppm O ₂ < 100 ppm	51 L (2900 psig)	10.2 m ³	HE3N5200S
	44 L	6.2 m ³	HE3N5137R
	10 L	1.5 m ³	HE3N5137G

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	4.003	Dot Name	Helium, Compressed or refrigerated liquid
Specific Volume	96.7CF/lb	UN No.	UN1046
Fire Potential	Non-flammable	Dot Class	2.2
TLV-T.....	None established	Dot Label.....	Non-flammable Gas



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CGA Valve	580, 3HP-677, 2HP-680	Cas Registry	7440-59-7
LB	180		