



HELIUM He

CRYOGENIC LIQUID

Colorless, odorless, nonflammable cryogenic liquid.

SHIPPING INFORMATION

D.O.T. Proper Shipping Name: Helium, Refrigerated Liquid
 I.D. Number: UN1963
 Hazard Class: 2.2
 Shipping Labels: Nonflammable Gas

TECHNICAL INFORMATION

Molecular Weight: 4.0026
 Specific Volume: 96.6 ft³/lb.
 CAS Registry: 7440-59-7 (R)
 Safety Data Sheet Reference: Liquid Helium

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)	CO+CO ₂
Ultra High Purity	5.0	99.999%	UHPLIQ	SG HEUHPLIQ-	2	2	0.5	1
Industrial	N/A	N/A	N/A	HE LIQ-	N/A			

Notes:

¹ Complete the catalog number by selecting cylinder size code using chart below.

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

CYLINDER INFORMATION

Cylinder Size	Cylinder Size Code	Volume ³ liters	Pressure (PSIG)	Connection for transfer tube ⁴	Approximate Gross Weight (lbs.)
Cryogenic Liquid Containers					
60 liter	60	60	0.5	Coupling for 1/2"	208
100 liter	100	100	0.5	Coupling for 1/2"	237
250 liter	250	250	0.5	Coupling for 3/4"	409
500 liter	500	500	0.5	Coupling for 3/4"	800

Notes:

³ This product is sold by the container. Fill volumes will vary depending on pressure setting and may vary slightly depending on the cylinder manufacturer's specifications. Due to the nature of this product, this product must be stored properly and used quickly. Rates of vaporization vary, depending upon the design of the container and the volume of the stored product.

⁴ Goddard fitting to reduce to 1/2" or 3/8" is not included. Contact WestAir to purchase necessary fittings.

Contact your WestAir representative about equipment recommendations for this product.