

Liquid Helium LHe

Technical Data

Boiling Point	- 452.1° F
Liquid Density	1.0423 lb/gal
Conversion Liquid to Gas	100.8 SCF/gal

Liquid Helium is the coldest liquefied gas.

Safety Data

Liquid or cold gas Helium can cause frostbite-type burns. The eyes and lungs are especially sensitive to the cold vapors. Protect eyes and skin from exposure to these low temperature materials. Wear protective goggles, gloves and clothing where cold liquid might be spilled or splashed.

Shipping Data

DOT Name	Helium, Refrigerated Liquid
Hazard Class	2.2
ID No.	UN1963
DOT Label	Nonflammable Gas

Liquid Helium

Specifications: Cryogenic liquid. All liquid helium containers are of a non-magnetic, stainless steel construction.

Product Code	Contents Liquid Liters
DEW30	30
DEW60	60
DEW100	100
DEW250	250
DEW500	500



Helium is the only substance known that does not become a solid at temperatures approaching absolute zero and at atmospheric pressure. Many metals and alloys completely lose their resistance to the flow of electric currents and become superconductors at liquid helium temperatures. This has led to the development of superconducting magnets that produce intense magnetic fields at low energy cost.

These magnets are used in magnetic resonance imaging (MRI), an important diagnostic imaging technique that relies on magnetic fields to produce cross sectional images of the human anatomy.