

HELIUM HG / He



Leader on the European market, thanks to a portfolio of diverse sources, Air Liquide offers reliable, enduring and safe helium product delivery everywhere in Europe

Air Liquide's Gas Encyclopedia - Pages: 989 - 998

Applications

Fiber optics
Airbags
Leak detection

Transport information

Compressed gases

Proper shipping name	Helium, compressed
UN-Nr	1046
ADR/RID	Class 2
	Classification code 1A



Safety Data Sheets

Compressed gas : N° EIGA061A
Access: <https://be.airliquide.com/>

Physical information

Molecular weight	4 g/mol
Relative density:	
Relative density, gas	0.14 (air=1)
Relative density, liquid	N/A (water=1)
Colour	Colorless
Odor	Odorless
CAS number	7440-59-7

Properties

Hazards identification: In high concentrations may cause asphyxiation

Flammability range: Non-flammable

Personal protection: Ensure adequate ventilation



Cylinder equipment

Valve fittings

Cylinder: B4 - IS 21.7 x 1.814 right-hand male
Bundle: WW 1 1/8 right-hand male

Shoulder colour:

Brown (RAL 8008)



Product Specifications

Global purity (% Vol. abs) He	Impurities (ppm v/v)		Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,996 %	H ₂ O (5 bar)	≤ 5	Cylinder	20L	200 bar	3,6 m³	I6035M20R2A001
	O ₂	≤ 5	Cylinder	50L	200 bar	9,1 m³	I6035L50R2A001
	N ₂	≤ 20	Bundle	V09*50L	200 bar	82 m³	I6035V09R2A001
			Bundle	V12*50L	200 bar	109 m³	I6035V12R2A001
			Bundle	H27*50L	200 bar	246 m³	I6035H27R2A001

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