

Helium

Description

Helium is a light, non-flammable gas which is colourless, odourless and tasteless. It is non toxic and is almost a totally inert gas. Significantly it is lighter than air.

Applications

- Balloon inflation
- Welding gas mixtures
- Gas chromatography
- Glass production
- Leak detection
- Heat transfer
- Gas lasers
- Breathing gas mixtures
- Medical gas mixtures
- Scientific research
- Purging gas for metallurgical processes

Hazard statement(s)

- Contains gas under pressure; may explode if heated.

Prevention statement(s)

- None allocated.

Response statement(s)

- None allocated.

Storage statement(s)

- Protect from sunlight. Store in a well-ventilated place.

Other hazards

- No information provided.

Signal Word: Warning

UN No.: 1046

Hazard No.: 2T

Chem Symbol: He

Pictograms:



Wherever, whenever...

you can't bottle attitude

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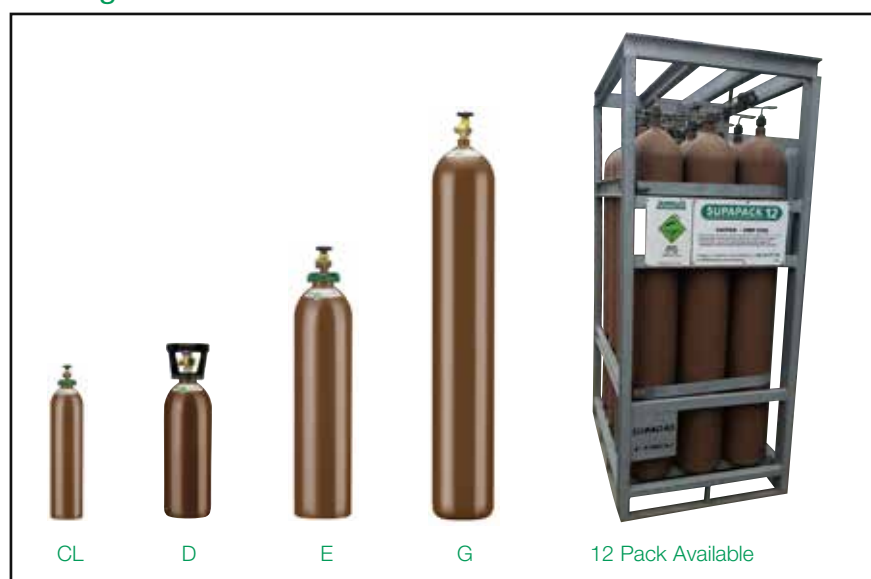
Helium

General Specifications

Specifications	Cl Cyl.	D Cyl.	E Cyl.	G Cyl.	12 Pack
Cylinder/Pack (101.325kPa @15°C) - L	0.6	1.2	3.5	9.1	109.2
Water capacity per cylinder - L	4.6	10	23	50	600
Cylinder Colour	Brown				
Outlet Connection	Type 10				
Package Dimensions (H x W x D) - mm	750 x 111	645 x 180	780 x 230	1,510 x 230	1,900 x 780 x 1,020

Cylinder dimensions are approximate – variations may occur due to manufacturing tolerances. Height includes the valve. Container sizes may vary from state to state.

Package Sizes Available



Typical Analysis

Product Type	He	O ₂	N ₂	Moisture	CxHy
UHP Grade	>99.999%	<2ppm	<5ppm	<3ppm	0.5ppm
HP Grade	>99.995%	<5ppm	<10ppm	<20ppm	<20ppm
Diving Grade	>99.995%	<5ppm	<10ppm	<20ppm	<20ppm
Industrial Grade	>99%	<10,000ppm	-	-	-

Quality Assurance

Supagas Pty Ltd is committed to comply with the requirements of ISO 9001-2015 and to continually improve the effectiveness of our Quality Management System.

We review the Quality Management System and the quality policy on a regular basis to ensure effectiveness and suitability to the organisation.

Everyone at Supagas understands we must provide a safe environment for both our employees and the wider community. We are therefore committed to implement and maintain a continual improvement approach throughout the organisation whilst also meeting all applicable statutory and regulatory requirements.

For Further Information

On how we can help you with all your gas and welding needs, drop in to your local Supagas branch or call Customer Service on 13 78 72.

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