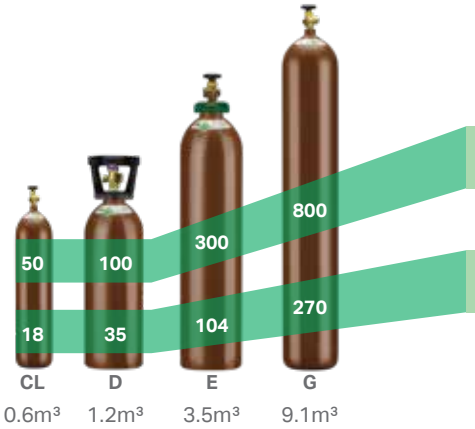
SUPAGAS

YES WE CAN!

Helium Guide

Helium (Balloon Gas)



Helium Balloon Capacity

No. of 26 - 28cm (11") Balloons Filled

No. of 40cm (16") Balloons Filled

SPECIFICATION	Helium CL 0.6m³ Cyl	Helium D 1.2m³ Cyl	Helium E 3.5m³ Cyl	Helium G 9.1m³ Cyl	Compressed Air D 1.5m³ Cyl	Compressed Air E 3.5m³ Cyl	Compressed Air G 9.5m³ Cyl
Cylinder contents m³ (101.325 @15°C)	0.6	1.2	3.5	9.1	1.5	3.5	9.5
Water capacity (per cylinder) - L	4	10	23	50	10	23	50
Average Weight (full) kg	4.7	11.9	22.8	61.5	11.9	22.8	61.5
Average Weight (empty) kg	6	14	26	58	14	26	58
Cylinder Pressure Psi @ 15°C (approx.)	2393	2030	2393	2900	2320	2320	2900
Cylinder Pressure kPa @ 15°C	16,500	14,000	16,500	20,000	16,000	16,000	20,000
Cylinder Colour	Brown				Pewter Body / Black Shoulder		
Outlet Connection (AS 2473)					Type 60		
Dimensions (mm) Height	640	645	1000	1580	645	1000	1580
Dimensions (mm) Width	117	180	220	230	180	220	230

Balloon Capacity Chart (Helium)

BALLOON SIZE	CL 0.6m³	D 1.2m³	E 3.5m³	G 9.1m³
26 - 28 cm / 11"	50	100	300	800
40 cm / 16"	18	35	104	270
42.5 cm / 17"	13	26	76	200
60 cm / 24"	4	8	24	64
90 cm / 3ft	1	2	8	21

Balloon Capacity Chart (Compressed Air)

BALLOON SIZE	D 1.5m³	E 3.5m³	G 9.5m³
26 - 28 cm / 11"	130	300	835
40 cm / 16"	45	104	280

Note: Overfilling balloons will alter these numbers.
The above specifications are approximate figures to guide you only. Compressed Air cylinders require separate regulators.

ACCESSORIES

Regulators For Latex Balloons

Economy Regulator

Deluxe Regulator

Regulator For Foil & Latex Balloons

Precision Plus Regulator

Bracket

Tilt Nozzle

Balloons
Pack of 100 x 28cm & 50 x 40cm
(Clips and ties available in pack of 100)

Helium Inhalation

Helium Inhalation Is No Laughing Matter

If you've ever been to a party and inhaled helium so that you sound like Donald Duck, you could be putting your life at risk. Evidence has proven that the inhalation of helium can be fatal, yet thousands of party goers inhale helium thinking it is very funny rather than life threatening. The inhalation of helium cuts off a person's supply of oxygen and can cause dizziness, unconsciousness, an embolism and ultimately death! According to Consultant Occupational Health Physician Dr Greg McGroder, "Australians have not yet realised the extreme danger associated with helium inhalation."

If the concentration of oxygen is decreased below 18% within the human body, symptoms and signs of Asphyxia can occur. Helium gas can totally displace the available oxygen and if this is maintained for even a few seconds, asphyxia and death can and will occur." Please ensure that children are always supervised around helium use.

WARNING!

Do not inhale. Inhaling balloon gas can cause death.

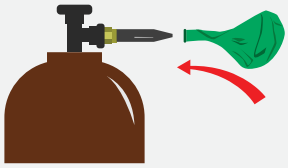
First Aid:

- If the victim inhales the gas remove them to fresh air. Apply artificial resuscitation if necessary. Treat for shock if required.
- Call for emergency medical treatment, 000.

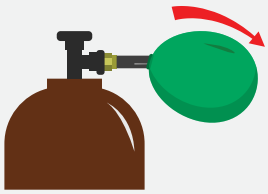
Cylinder Safety

Keep cylinders upright and protect the valves from any physical damage. Secure cylinders in an upright position with a bracket or strap.

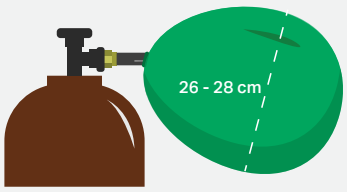
- Helium is to be used for inflation only
- If valve is damaged, do not attempt to operate.
- If valve does not operate by hand, return the cylinder to the supplier.



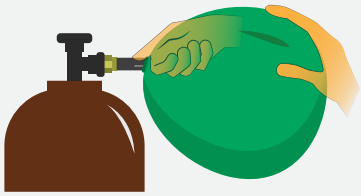
1. Place balloon over end of nozzle and hold securely



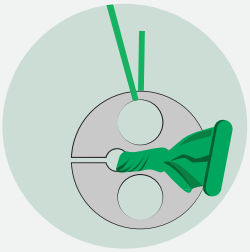
2. Tilt nozzle in a forward direction for gas to flow



3. Release nozzle when balloon reaches 28cm from neck to top



4. Attach clip: Remove balloon from nozzle and twist neck for approx 5cm



5. Pass balloon end to end through clip at least three times

6. Balloon is ready

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What Is Helium Used For?

There are several different grades of Helium, however balloon grade helium is greater than 99% and is used for inflating balloons.

What Is The Difference Between Helium Gas And Balloon Gas?

Helium gas that Supagas provides is greater than 99% helium purity versus balloon gas that can contain up to 5% nitrogen or oxygen diluting the product from 99% to 95% purity.

How Long Will Balloons Stay Afloat?

Latex ► Good quality latex balloons will last approximately 12 hours however extreme temperatures will reduce float time.

Foil ► Foil balloons will last an estimated 7 - 10 days.

Is Helium Gas Safe?

Helium is a non-flammable gas. The gas is inert (doesn't react to anything), it's non-toxic, colourless, odourless and tasteless. We always recommend using helium gas in a well ventilated area to reduce the danger of asphyxiation. Supervision amongst children is encouraged at all times.

Is The Party Trick Of Inhaling Helium (Donald Duck Effect) Safe?

No. It is very dangerous and must be discouraged at all times.

Is It Important Which Brand Of Balloons Are Used?

The recommended number of balloons obtained from any gas cylinder is based on using good quality balloons 26 - 28cm in diameter. If the balloons are larger than this, it will reduce the number of balloons obtained from each cylinder. We only recommend biodegradable environmentally friendly balloons. Ask your sales representative for assistance if you are still unsure.

What Is The Difference Between Latex And Foil Balloons?

A latex balloon is porous which allows it to expand and allows helium to slowly seep out affecting float time. A foil balloon on the other hand, is not porous which allows for a longer float time and features a self-sealing valve, which means the balloon can be re-inflated 2 or 3 times before the valve becomes unreliable.

Transportation And Storage Of Cylinder

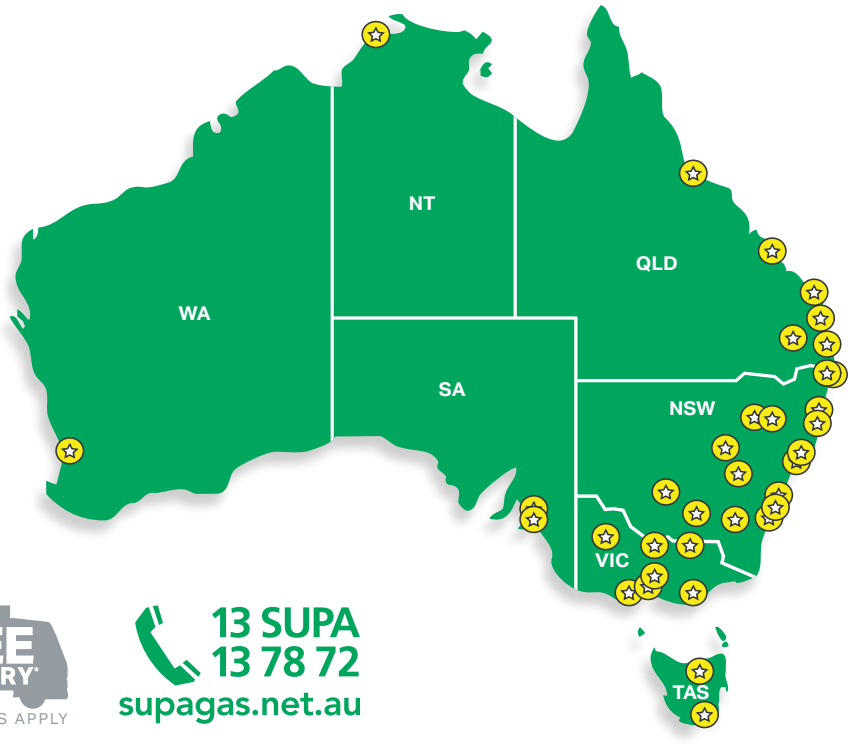
Transport securely and upright without regulator attached. (1 cylinder per enclosed vehicle) Store securely and upright in a dry safe place. (when cylinder is not in use turn cylinder valve to closed and relieve the pressure on the regulator by tilting the nozzle up or down).

Environmental Policy

Supagas strongly discourages the intentional release of all balloons into the air when filled with helium or compressed air due to the protection of our environment and wildlife.

Please ensure they are tightly secured to a weight, popped and disposed of properly. Please join us in the protection of our environment.

SERVICING AUSTRALIA WIDE



FREE DELIVERY*

*CONDITIONS APPLY

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