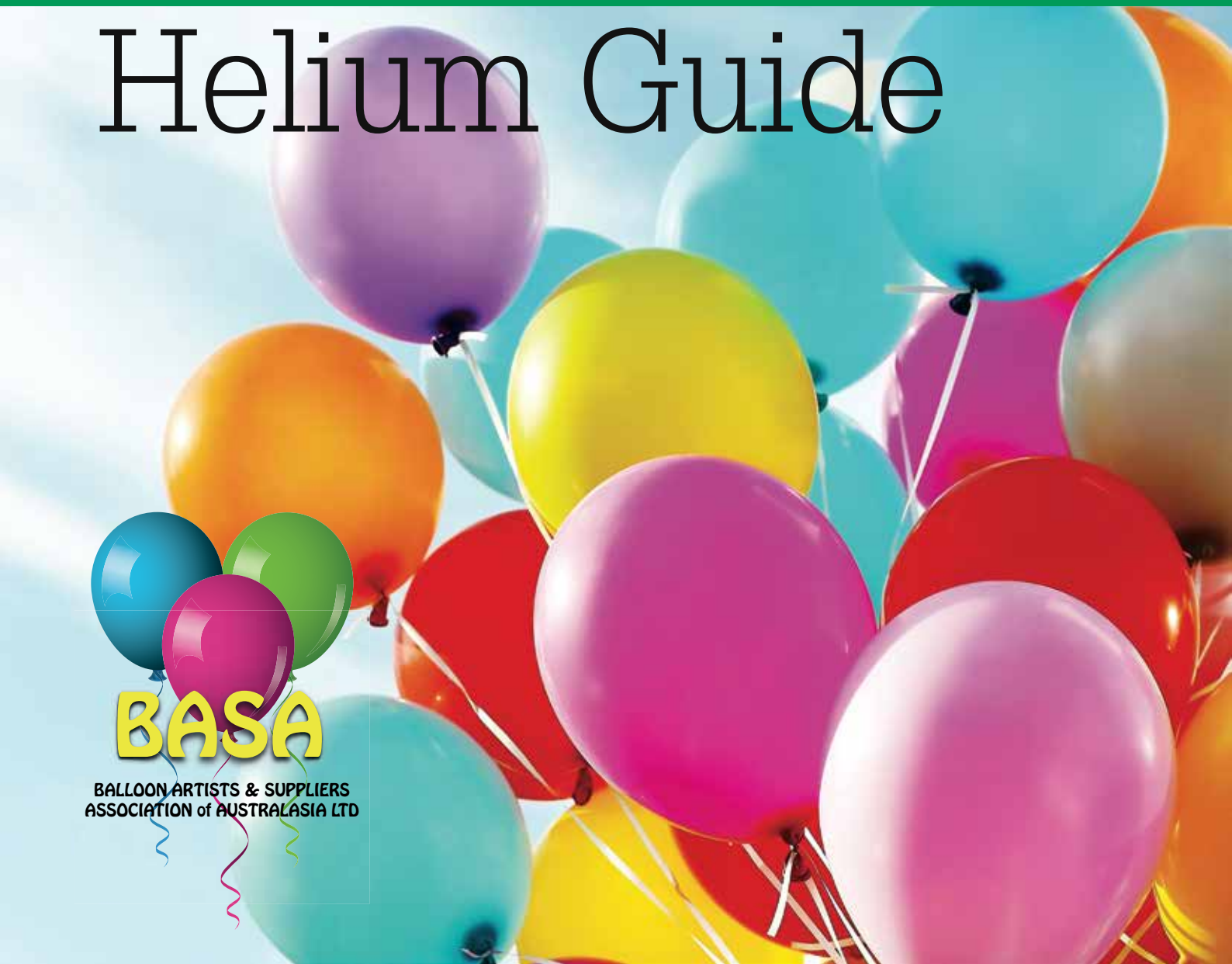
SUPAGAS

YES WE CAN!

Supagas Solutions

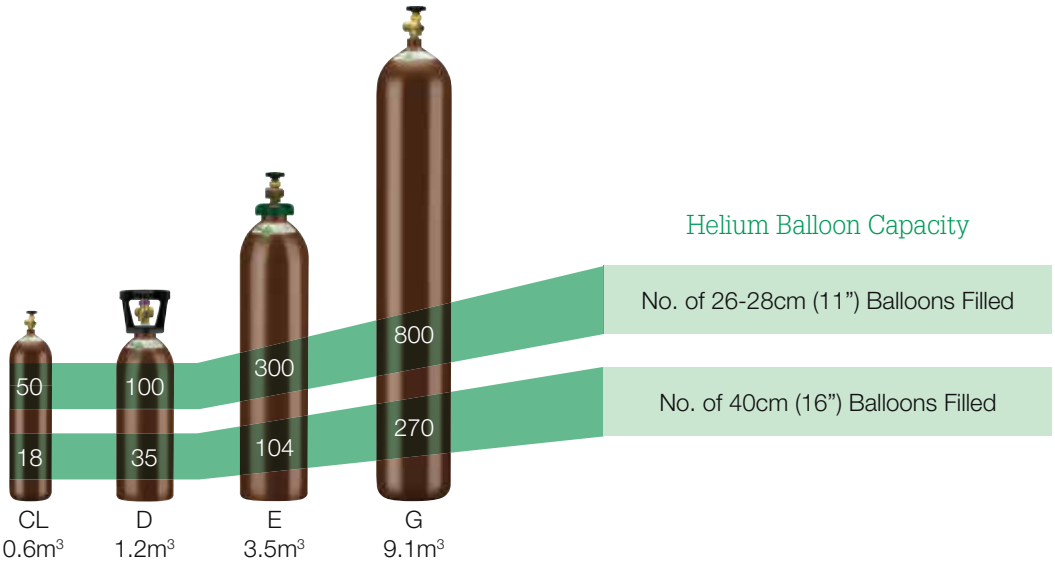
Helium Guide



BASA

BALLOON ARTISTS & SUPPLIERS ASSOCIATION of AUSTRALASIA LTD

Helium (Balloon Gas)



Helium Balloon Capacity

	CL	D	E	G
No. of 26-28cm (11") Balloons Filled	50	100	300	800
No. of 40cm (16") Balloons Filled	18	35	104	270

Specifications	Helium CL Cyl.	Helium D Cyl.	Helium E Cyl.	Helium G Cyl.	Compressed Air D Cyl.	Compressed Air E Cyl.	Compressed Air G Cyl.
Cylinder/Pack (101.325kPa @15°C) - m³	0.6	1.2	3.5	9.1	1.2	3.5	9.1
Water capacity per cylinder - L	4.6	10	23	50	10	23	50
Cylinder Colour	Brown				Pewter Body/Black Shoulder		
Outlet Connection	Type 10				Type 60		
Package Dimensions (H x W) - mm	750 x 111	645 x 180	780 x 230	1,510 x 230	645 x 180	780 x 230	1,510 x 230

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

Balloon Capacity Chart (Helium)

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

Balloon Capacity Chart (Compressed Air)

Balloon Size	D Cyl. 1.2m³	E Cyl. 3.5m³	G Cyl. 9.1m³
26 - 28cm/ 11"	100	300	800
40cm / 16"	35	104	270

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 Is No Laughing Matter

WARNING

Do not inhale. Inhaling balloon gas can cause death.

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.

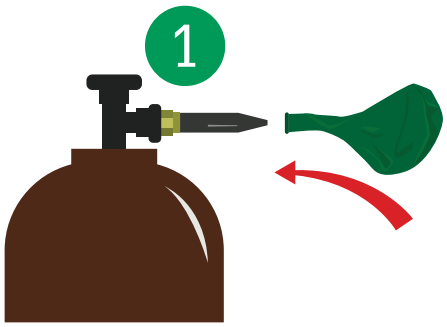
First Aid

- 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.

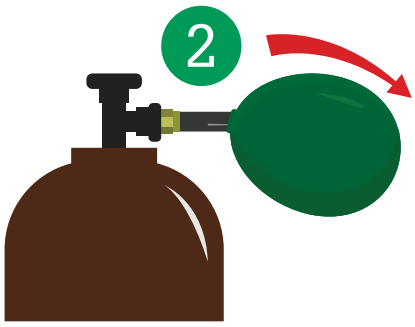
Cylinder Safety

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

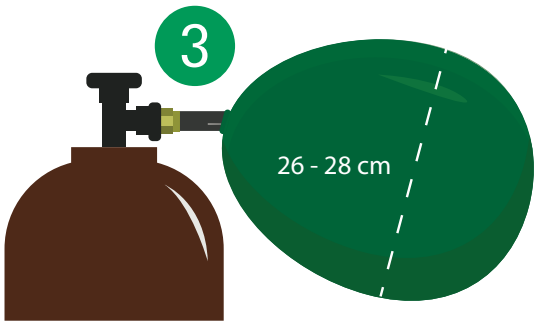
- Helium is to be used for inflation only
- If valve is damaged, do not attempt to operate.
- If valve does not operate by hand, return the cylinder to the supplier.



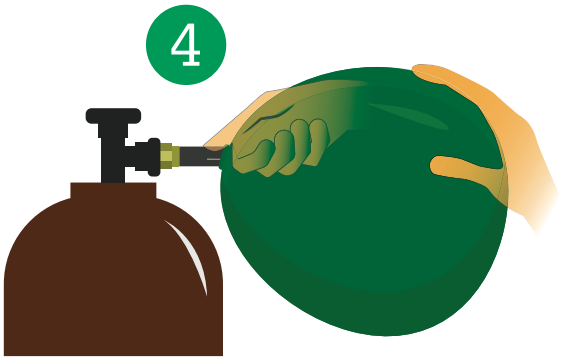
Place balloon over end of nozzle and hold securely



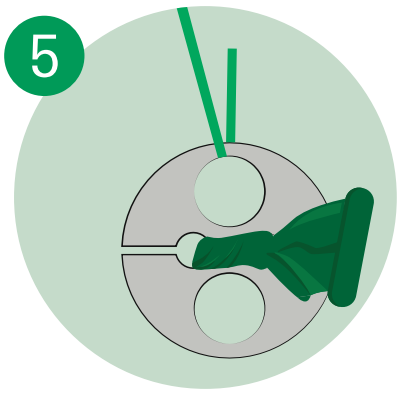
Tilt nozzle in a forward direction for gas to flow



Release nozzle when balloon reaches 28cm from neck to top



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



Pass balloon end to end through clip at least three times

Balloon is ready

Balloon Gas Fact Sheet & FAQs

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 the party trick of inhaling Helium (Donald Duck effect) safe?

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

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 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 Cylinders

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. Please ensure they are tightly secured to a weight, popped and disposed of properly.

BASA
BALLOON ARTISTS & SUPPLIERS ASSOCIATION of AUSTRALASIA LTD