

Argon



Description

Argon is non-toxic, colourless, tasteless and odourless. Argon is the most profuse of the atmospheres rare gases. It is supplied in high pressure cylinders.

Applications

- Gas Metal Arc Welding (GMAW) and Gas Tungsten Arc Welding (GTAW)
- Inert atmospheres
- Filler gas in incandescent and neon lamps
- Plasma cutting (mixed with hydrogen)
- Gas chromatography
- Spectrometry

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

- Asphyxiant. Effects are proportional to oxygen displacement.

Signal Word:	Warning
UN No.:	1066
Hazard No.:	2T
Chem Symbol:	N/A
Classifications:	AS 4882-2003: SG-A-100

Pictograms:



Argon

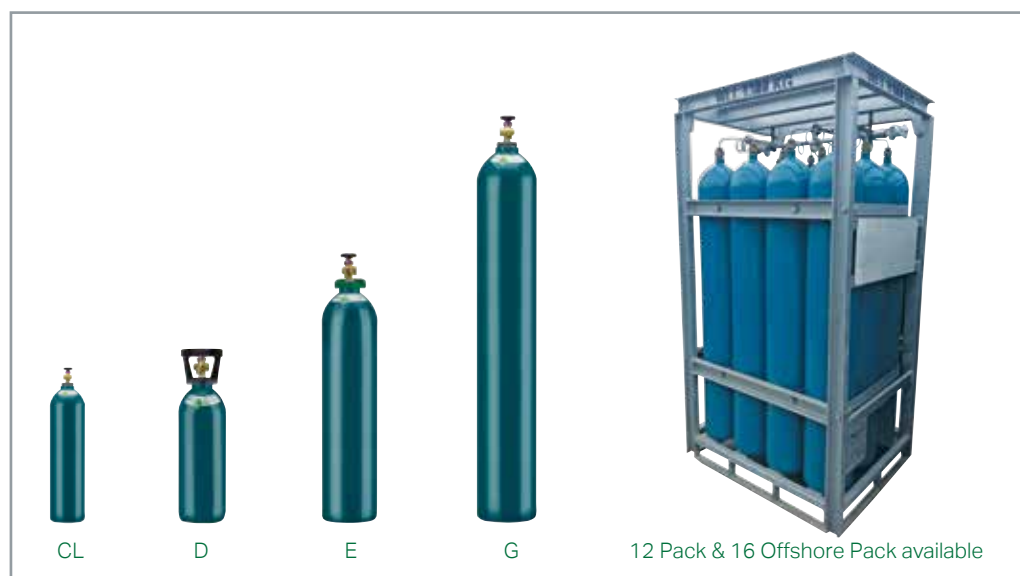


General Specifications

Specifications	CL Cyl.	D Cyl.	E Cyl.	G Cyl.	12 Pack	16 Pack Offshore
Cylinder/Pack (101.325kPa @15°C) - m³	0.65	1.5	4.8	10.5	179.0	244.0
Water capacity per Cylinder - L	4.6	10	23	50	600	800
Cylinder Colour	Peacock Blue					
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	2155 x 1065 x 1065

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	Ar	O ₂	Moisture	CxHy
UHP Grade	>99.999%	<2ppm	<3ppm	<0.5ppm
HP Grade	>99.995%	<10ppm	<10ppm	-
Food Grade	>99.995%	<10ppm	<10ppm	-
Industrial Grade	>99.99%	<25ppm	<20ppm	-

Quality Assurance

Supagas Pty Ltd is committed to comply with the requirements of ISO 9001-2019 and to continually improve the effectiveness of our Quality Management System.

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.

NATA Accreditation

The Supagas Laboratory located in Ingleburn, NSW has a NATA



Accreditation (No. 18955). Accredited for compliance with ISO/IEC 17025 and ISO 17034.

For Further Information

On how we can help you with all your residential and industrial gas needs, view our website supagas.com.au, call Customer Service on 13 78 72 or drop in to your local Supagas branch.