

# Supa Alloy 25



## Description

Supa Alloy 25 is an argon/helium based mixtures and is inert, non toxic, colourless and odourless. Supplied in high pressure metal cylinders.

Supa Alloy 25 is used in GMAW and GTAW for aluminium and aluminium alloys (Supa Alloy 25 up to 6mm).

Supa Alloy 25 is faster than argon, producing flatter, smoother, broader weld beads with greater penetration, fewer defects and improved productivity. It does not produce as fierce arc as Supa Alloy 75 and gives less chance of burn through in thin sections.

## Applications

- MIG and TIG welding for Aluminium and Alloys up to 6mm

## 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.:	1956
Hazard No.:	2(T)E
Chem Symbol:	N/A
Classification:	AS 4882-2003: SG-AHe-25

Pictograms:





# Supa Alloy 25

## General Specifications

Specifications	G Cyl.	12 Pack
Cylinder/Pack 101.325kPa @15°C) - L	9.6	165.0
Water capacity per cylinder - L	50	600
Cylinder Colour	Peacock Blue Body/Brown Shoulder	
Outlet Connection	Type 10	
Package Dimensions (H x W x D) - mm	1,510 x 230	1,900 x 1,020 x 780

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



## 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.

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 Guide 34, Reference Gas Mixtures prepared to ISO 6142.

## Typical Analysis

Ar	He	O <sub>2</sub>	Tolerance on minor component mix.
Balance	25%+-2.5%	<20ppm	+/- 10%

## 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.