

Supashield 18



Description

A shielding gas mixture which provides welds of excellent appearance. Suitable for use on low alloy, high tensile, quenched and tempered steels. Suitable for solid wires and some flux core wires.

It is the ideal choice for fast out-of-position welding of heavy sections and offers excellent root penetration and side fusion. The CO₂ content in these gases is ideal for welding galvanised metals.

Applications

- MIG Welding of Mild and Carbon Manganese Steels
- Welding Thickness Range 4 - 28mm

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.:	2TE
Chem Symbol:	N/A
Classification:	AS 4882-2003: SG-AC-18

Pictograms:





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General Specifications

Specifications	E Cyl.	G Cyl.	12 Pack
Cylinder/Pack (101.325kPa @15°C) - L	5.1	11.2	183.0
Water capacity per cylinder - L	23	50	600
Cylinder Colour	Peacock Blue/Green Grey Shoulder		
Outlet Connection	Type 10		
Package Dimensions (H x W x D) - mm	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



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	CO ₂	O ₂	Tolerance on minor component mix.
Balance	18% +/-1.8%	<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.