

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:



Supashield 18

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



Typical Analysis

| Ar | CO ₂ | O ₂ | Tolerance on minor component mix. |
|---------|-----------------|----------------|-----------------------------------|
| Balance | 18% +-1.8% | <20ppm | +- 10% |

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.

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.