Supa Stainless 64



Description

Supa Stainless shielding gas mixtures are designed for the highest quality Gas Metal Arc Welding (GMAW) of Stainless Steel, Nickel and Duplex Stainless steel alloys where controlled penetration, low spatter rates, weld face appearance and high weld-metal integrity are of utmost importance. Supa Stainless mixture contains Helium that allows better heat transfer into the weld than with argon alone.

Applications

- Shielding gas for high deposition of carbon steel/stainless steel
- Increased heat input because of the Helium in the mixture allows higher higher travel speeds whilst still maintaining good control of bead shape.
 Ideal for robotic applications
- Heavy single pass fillets in structural components
- · Capable of welding over rust surfaces and oil
- · Welding tank seams at higher welding speeds
- Fabricating stainless steel tanks and components for food, chemical and pharmaceutical

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

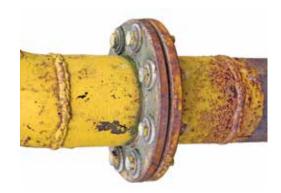
Chem Symbol: N/A

Classification: AS 4882-2003:

SG-AHeO-35/1

Pictograms:









Supa Stainless 64



General Specifications

| Specifications | G Cyl. | 12 Pack | |
|-------------------------------------|---|---------------------|--|
| Cylinder/Pack 101.325kPa @15°C) - L | 7.1 | 85.2 | |
| Water capacity per cylinder - L | 50 | 600 | |
| Cylinder Colour | Peacock Blue Body/Brown Band/Black Shoulder | | |
| Outlet Connection | Type 10 | | |
| Package Dimensions (H x W x D) - mm | 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

| Не | Ar | O ₂ | Moisture | Tolerance on minor component mix. |
|---------|-----------|----------------|----------|-----------------------------------|
| Balance | 64%+-6.4% | 1% ± 0.5% | <10ppm | +/-10% |

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). **NATA** Accredited for compliance with ISO/ IEC 17025 and ISO Guide 34, Reference

Gas Mixtures prepared to ISO 6142.

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.

Supa Stainless 64_v3 08052023