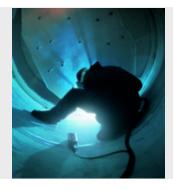


ARCAL™ 15



ARCAL™: the Air Liquide solution for shielding gases and mixtures in arc welding

Applications

TIG and Plasma welding of austenites
TIG and Plasma welding of Nickel base alloys
Robotic welding of stainless steels
TIG multi-cathode welding of stainless tubings
Root shielding of austenitic stainless steels

Transport information

Compressed gas cylinders

Proper shipping name Compressed gas, inflammable,

N.O.S.

UN-Nr 1954

ADR/RID Class 2

Classification code 1 F



Safety Data Sheets

Compressed gas : N° 302-15-001ALBNL-ARC

Access: https://be.airliquide.com/

Physical information

Molecular weight Mix

Relative density:

Relative density, gas Heavier than air
Colour Colorless
Odor Odorless

Properties

Hazards identification: Extremely flammable gas. Contains gas

under pressure; may explode

Flammability range: Highly flammable

Personal protection: Do not smoke while handling product, ensure

adequate ventilation





Cylinder equipment

Valve fittings

Cylinder: B8 - W 21.8 x 1.814 left-hand male

Bundle: WW 1' 1/4 left-hand male

Shoulder colour: Red (RAL 3000)



Product Specifications

| Components (% Vol. abs) | | | Impurities (ppm v/v) | | Supply mode | Packaging size | Pressure | Capacity | Product reference |
|----------------------------|---------|--------|--------------------------|------|-------------|----------------|----------|----------|-------------------|
| H ₂ | 5 % | ±0,5 % | H ₂ O (5 bar) | ≤ 40 | Cylinder | 50L | 200 bar | 10,5 m³ | I2550L50R2A001 |
| Ar | Balance | | 02 | ≤ 20 | Bundle | V09*50L | 200 bar | 95 m³ | I2550V09R2A001 |
| | | | N ₂ | ≤ 80 | | | | | |



Additional information

Product compliant with EN ISO 14175-R1-ArH-5 Standard (welding application)



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