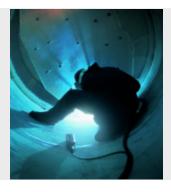


# ARCAL™ 15



# 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. For full and more detailed information, please consult the Material Safety Data Sheet (MSDS).





## **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<br>(% Vol. abs) |         |        | Impurities<br>(ppm v/v)  |      | Supply mode | Packaging size | Pressure | Capacity | Product reference |
|----------------------------|---------|--------|--------------------------|------|-------------|----------------|----------|----------|-------------------|
| H <sub>2</sub>             | 5 %     | ±0,5 % | H <sub>2</sub> 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 <sub>2</sub>           | ≤ 80 |             |                |          |          |                   |



#### **Additional information**

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



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