



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

## Applications

MIG welding of aluminium and copper alloys  
TIG welding of all materials  
TIG welding of H<sub>2</sub> sensitive materials  
Annular gas for plasma welding of aluminium

## Transport information

### Compressed gases

Proper shipping name      Compressed gas, N.O.S.  
UN-Nr      1956  
ADR/RID      Class 2  
Classification code 1A



## Safety Data Sheets

Compressed gas : N° 300-15-004ALBNL-ARC  
Access: <https://be.airliquide.com/>

## Physical information

Relative density:  
Relative density, gas      Heavier than air  
Colour      Colorless  
Odor      Odorless

## Properties

**Hazards identification:** Contains gas under pressure; may explode under the effect of heat. Asphyxiant in high concentrations.

**Flammability range:** Non-flammable

**Personal protection:** Ensure adequate ventilation



## Cylinder equipment

### Valve fittings

Cylinder: B4 - IS 21.7 x 1.814 right-hand, male  
Quick coupling EN 561

### Shoulder colour:

Bright green (RAL 6018)



## Product Specifications

Components (% Vol. abs)			Impurities (ppm v/v)		Supply mode	Packaging size	Pressure	Capacity	Product reference
He	5 %	± 0.5 %	H <sub>2</sub> O (5 bar)	≤ 5	Cylinder	50L	200 bar	10,7 m³	I2580L50R2A001
Ar	Balance		O <sub>2</sub>	≤ 5	Cylinder	50L ALTOP	200 bar	10,7 m³	I2580L50A2A001
			N <sub>2</sub>	≤ 10					

### Additional information

Product compliant with EN ISO 14175-I3-ArHe-5 Standard (welding application)

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