



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

## Applications

TIG welding of Duplex and Superduplex steels  
Plasma welding of Duplex and Superduplex steels  
TIG welding of N2 alloyed stainless steels  
TIG welding of austenitic stainless steels

## Transport information

### Compressed gas cylinders

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



## Safety Data Sheets

Compressed gas : N°300-15-010ALBNL-ARC  
Access: <https://be.airliquide.com/>

## Physical information

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

## Properties

**Hazards identification:** Asphyxiation 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

### Shoulder colour:

Bright green (RAL 6018)



## Product Specifications

Components (% Vol. abs)			Impurities (ppm v/v)		Supply mode	Packaging size	Pressure	Capacity	Product reference
N <sub>2</sub>	2 %	±0,2 %	H <sub>2</sub> O (5 bar)	≤ 40	Cylinder	50L	200 bar	10,5 m³	I2610L50R2A001
He	10 %	±1 %	O <sub>2</sub>	≤ 20					
Ar	Balance								

## Additional information

Product compliant with EN ISO 14175-N2-ArHeN-10/2 Standard (welding application)

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