



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

## Applications

Automatic TIG and Plasma welding of austenitic stainless steels  
TIG and Plasma welding of Nickel base alloys

## Transport information

### Compressed gases

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° 302-10-001ALBNL-ARC  
Access: <https://be.airliquide.com/>

## Physical information

Relative density:	
Relative density, gas	Lighter or similar to air
Colour	Colorless
Odor	Odorless

## Properties

**Hazards identification:** Extremely flammable gas. Contains gas under pressure; may explode

**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

### Shoulder colour:

Red (RAL 3000)



## Product Specifications

Components (% Vol. abs)			Impurities (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	I2520L50R2A001
He	20 %	±2 %	O <sub>2</sub>	≤ 20					
Ar	Balance		N <sub>2</sub>	≤ 80					

## Additional information

Product compliant with EN ISO 14175-R1-ArHeH-20/5 Standard (welding application)

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