

# ARCAL™ 32 Ni



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

## Applications

Pulsed MIG welding of Nickel base alloys  
 Pulsed MIG welding of hydrogen crack sensitive materials  
 Cladding

## 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°300-15-009ALBNL-ARC  
 Access: <https://be.airliquide.com/>

## Physical information

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

## Properties

**Hazards identification:** In high concentrations may cause asphyxiation

**Flammability range:** Non-flammable

**Personal protection:** Ensure adequate ventilation



## Cylinder equipment

### Valve fittings

Cylinder: B4 - IS 21.7 x 1.814 right-hand male  
 Bundle: WW 1 1/8 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
CO <sub>2</sub>	0,11 %	±0,02 %	H <sub>2</sub> O (5 bar)	≤ 40	Cylinder	50L SMARTOP	200 bar	10,4 m <sup>3</sup>	I2591L50S2A001
He	20 %	±2 %	O <sub>2</sub>	≤ 20					
Ar	Balance		N <sub>2</sub>	≤ 80					

### Additional information

Product compliant with EN ISO 14175-Z-ArHeC-20/0,11 Standard (welding application)

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