

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



### 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 m³	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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