

# ARCAL 129



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

## ● Applications

- MAG welding of Duplex and Superduplex steels
- MAG welding of N2 doped stainless steels
- MAG welding of austenitic stainless steels

## ● Transport information

### Compressed gas

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



## ● Safety Data Sheet

Access: [www.airliquide.no](http://www.airliquide.no)

## ● Physical information

Relative density, gas . . . . . heavier than air  
 Colour . . . . . colourless gas  
 Odor . . . . . none

## ● Properties

Hazards identification: in high concentrations may cause asphyxiation  
 Flammability range: non flammable  
 Personal protection: ensure adequate ventilation

## ● Cylinder equipment

Valve fittings :  
 SMARTOP: W 24.32 x 1/14", right, external thread, DIN 10  
 Shoulder colour: bright green (RAL 6018)



## ● Product Specifications

Components (% Vol. abs)			Impurities (ppm v/v)		Supply mode	Packaging size	Pressure (bar)	Capacity (m³)	Product reference
N <sub>2</sub>	1,7 %	±0.2 %	H <sub>2</sub> O	≤ 40	Cylinder	L50 Smartop	200	10.7	I2640L50S2A001
CO <sub>2</sub>	1,8 %	±0.2 %	O <sub>2</sub>	≤ 20					
He	5 %	±0.5 %							
Ar	Balance								

Product compliant with EN ISO 14175-Z-ArHeCN-5/1.8/1.7 Standard (welding application)

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