

# ARCAL N2-2



**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

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)

## ● Product Specifications

Components (% Vol. abs)			Impurities (ppm v/v)		Supply mode	Packaging size	Pressure (bar)	Capacity (m <sup>3</sup> )	Product reference
N <sub>2</sub>	2 %	±0.2 %	H <sub>2</sub> O (5 bar)	≤ 40	Cylinder	L50 SMARTOP	200	10.8	I2612L50S2A001
Ar	Balance		O <sub>2</sub>	≤ 20	Bundle	V12	200	129.6	I2612V12R2A001

Product compliant with EN ISO 14175-N2-ArN-2 Standard (welding application)

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



## DISCLAIMER

The information contained in this Product Sheet is of a general nature and does not take into account any specific or local condition or regulation and shall neither be considered as recommendations. AIR LIQUIDE assumes no liability or responsibility regarding the information contained in this Product Sheet, the completeness of this document, for the use of the information or consequences of such use, and disclaims all warranties (direct or indirect) of any kind.