

ARCAL 39



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

● 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 (m ³)	Product reference
N ₂	2 %	±0.2 %	H ₂ O (5 bar) ≤ 40	Cylinder	L50 Smartop	200	10.8	I2610L50S2A001
He	10 %	±1 %	O ₂ ≤ 20					
Ar	Balance							

Product compliant with EN ISO 14175-N2-ArHeN-10/2 Standard (welding application)

DISCLAIMER

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