



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 cylinders

Proper shipping name Compressed gas, N.S.A. (Argon, Helium)
 UN-Nr 1956
 ADR/RID Class 2
 Classification code 1A



Safety Data Sheets

Compressed gas : N°300-15-010ALBNL-ARC
 Access: <https://be.airliquide.com/>

Physical information

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

Properties

Hazards identification: Asphyxiation in high concentrations

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

Shoulder colour:

Bright green (RAL 6018)



Product Specifications

Components (% Vol. abs)			Impurities (ppm v/v)		Supply mode	Packaging size	Pressure	Capacity	Product reference
N ₂	2 %	±0,2 %	H ₂ O (5 bar)	≤ 40	Cylinder	50L	200 bar	10,5 m³	I2610L50R2A001
He	10 %	±1 %	O ₂	≤ 20					
Ar	Balance								

Additional information

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

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