



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

Applications

- MIG welding of aluminium and copper alloys
- TIG welding of all materials
- TIG welding of H2 sensitive materials
- Annular gas for plasma welding of aluminium

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°300-15-004ALBNL-ARC
 Access: <https://be.airliquide.com/>

Physical information

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

Properties

Hazards identification: Contains gas under pressure; may explode under the effect of heat. Asphyxiant 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
 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
He	20 %	±2 %	H ₂ O (5 bar)	≤ 40	Cylinder	50L	200 bar	10 m ³	I2590L50R2A001
Ar	Balance		O ₂	≤ 20	Bundle	V12*50L	200 bar	120 m ³	I2590V12R2A001
			N ₂	≤ 80					
			Total impurities	≤ 100					

Additional information

Product compliant with EN ISO 14175-I3-ArHe-20 Standard (welding application)

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