

ARCAL 121



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

● Applications

- High performance MAG welding of stainless steels
- Welding of all ELC (extra low carbon) stainless steels
- Welding of dissimilar metals (carbon steels to stainless steels)
- Multi-pass welding of stainless steels
- Cladding e.g. Monel

● Transport information

Compressed gas

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



● 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)



● Safety Data Sheet

Access: www.airliquide.no

● Product Specifications

Components (% Vol. abs)			Impurities (ppm v/v)	Supply mode	Packaging size	Pressure (bar)	Capacity (m³)	Product reference
CO ₂	1 %	±0.2 %	H ₂ O (5 bar) ≤ 40	Cylinder	L50 Smartop	200	10.7	I2630L50S2A001
He	18 %	±1.8 %	O ₂ ≤ 20					
Ar	Balance		N ₂ ≤ 80					

Product compliant with EN ISO 14175-M12-ArHeC-18/1 Standard (welding application)

DISCLAIMER

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