

ARCAL™ 21



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

Applications

Highly productive MAG welding of carbon steel
MAG welding of solid and metal cored wires

Transport information

Compressed gas cylinders

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

Refrigerated Gases

Proper shipping name	Liquefied gas, N.S.A. (Carbon Dioxide, Argon)
UN-Nr	3163
ADR/RID	Class 2
	Classification code 3A



Safety Data Sheets

Compressed gas : N°300-15-001ALBNL-ARC
Access: <https://be.airliquide.com/>

Product Specifications

Components (% Vol. abs)			Impurities (ppm v/v)		Supply mode	Packaging size	Pressure	Capacity	Product reference
CO ₂	8 %	±0,8 %	H ₂ O (5 bar)	≤ 40	Cylinder	20L	200 bar	4,4 m ³	I2560M20R2A001
Ar	Balance		O ₂	≤ 50					
			N ₂	≤ 200					

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



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)



Additional information

Product compliant with EN ISO 14175-M20-ArC-8 Standard (welding application)

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