



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

Applications

All-purpose MAG welding of carbon steel
MAG welding of solid and flux cored wires

Transport information

Compressed gases

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



Safety Data Sheets

Compressed gas : 300-15-001ALBNL-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: In high concentrations may cause asphyxiation

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

ALTOP / EXELTOP: Quick connector
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
CO ₂	18 %	± 1,8 %	H ₂ O (5 bar)	≤ 40	Cylinder	33L EXELTOP	300 bar	11 m ³	I2506L33E3A001
Ar	Balance		O ₂	≤ 50	Cylinder	50L EXELTOP	200 bar	11,7 m ³	I2506L50E2A001
			N ₂	≤ 200	Cylinder	50L SMARTOP	200 bar	11,7 m ³	I2506L50S2A001
					Bundle	V12*50L	200 bar	141 m ³	I2506V12R2A001
					Bundle	V16*50L	300 bar	267 m ³	I2506V16R3A001
					Bundle	H27*50L	200 bar	317 m ³	I2506H27R2A001

Additional information

Product compliant with EN ISO 14175-M21-ArC-18 Standard (welding application)

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