

ARCAL™ R1-2



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

Applications

TIG and Plasma welding of austenitic stainless steels
 TIG brazing of galvanised steels
 TIG orbital welding of austenitic stainless steels

Transport information

Compressed gases

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



Safety Data Sheets

Compressed gas : 300-15-002ALBNL-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



Cylinder equipment

Valve fittings
 ALTOP / EXELTOP : Quick connector
Shoulder colour:
 Bright green (RAL 6018)



Product Specifications

Components (% Vol. abs)			Impurities (ppm v/v)		Supply mode	Packaging size	Pressure	Capacity	Product reference
H ₂	2,4 %	±0,5 %	H ₂ O (5 bar)	≤ 40	Cylinder	33L EXELTOP	200 bar	7 m ³	I2512L33E2A001
Ar	Balance		O ₂	≤ 20					
			N ₂	≤ 80					

Additional information

Product compliant with EN ISO 14175-R1-ArH-2.4 Standard (welding application)

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