

ARCAL™ 11



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

Applications

Automatic TIG and Plasma welding of austenitic stainless steels
TIG and Plasma welding of Nickel base alloys

Transport information

Compressed gases

Proper shipping name	Compressed gas, inflammable, N.O.S.
UN-Nr	1954
ADR/RID	Class 2
	Classification code 1 F



Safety Data Sheets

Compressed gas : N° 302-10-001ALBNL-ARC
Access: <https://be.airliquide.com/>

Physical information

Relative density:	
Relative density, gas	Lighter or similar to air
Colour	Colorless
Odor	Odorless

Properties

Hazards identification: Extremely flammable gas. Contains gas under pressure; may explode

Personal protection: Do not smoke while handling product, ensure adequate ventilation



Cylinder equipment

Valve fittings

Cylinder: B8 - W 21.8 x 1.814 left-hand male

Shoulder colour:

Red (RAL 3000)



Product Specifications

Components (% Vol. abs)			Impurities (ppm v/v)		Supply mode	Packaging size	Pressure	Capacity	Product reference
H ₂	5 %	±0,5 %	H ₂ O (5 bar)	≤ 40	Cylinder	50L	200 bar	10,5 m ³	I2520L50R2A001
He	20 %	±2 %	O ₂	≤ 20					
Ar	Balance		N ₂	≤ 80					

Additional information

Product compliant with EN ISO 14175-R1-ArHeH-20/5 Standard (welding application)

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