

ARCAL 10



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 gas

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



● Safety Data Sheet

Access: www.airliquide.no

● 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 :
 W 21.8 x 1/14", left, external thread, DIN 1
 SMARTOP: W 21.8 x 1/14", left, external thread, DIN 1
 Shoulder colour: bright green (RAL 6018)



● Product Specifications

Components (% Vol. abs)		Impurities (ppm v/v)		Supply mode	Packaging size	Pressure (bar)	Capacity (m ³)	Product reference
H ₂	2,4 % ±0.5 %	H ₂ O (5 bar)	≤ 40	Cylinder	L50	200	10.9	I2510L50R2A001
Ar	Balance	O ₂	≤ 20	Bundle	H10	200	108.8	I2510H10R2A001
		N ₂	≤ 80					

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

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