

# 2.4% Hydrogen / Argon



## 2.4 Hydrogen Balance Argon : TIGCS 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



### ● 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: CGA 350  
Cylinder color: Blue  
Stripe color: Red  
Caps: Lead



### ● Safety Data sheets

Access:

### ● Product Specification

Components (% Vol. abs)		Impurities (ppm v/v)		Supply mode	Packaging size	Pressure (bar)	*Capacity (Sm3)
H2	2.4% ± 0.5%	H2O	≤ 40	Cylinder	50L	200	10
Ar	Balance	O2	≤ 20	**Pack 8	50L	200	81

\*Typical capacities of the product are guaranteed for each cylinder in particular.

\*\* On demand

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