

# 2% Nitrogen / Argon



**2% Nitrogen Balance Argon** : TIGCS solution for shielding gases and mixtures in arc welding

## ● Applications

- TIG welding of Duplex and Super duplex steels
- Plasma welding of Duplex and Super duplex steels
- TIG welding of N2 alloyed stainless steels
- TIG 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 sheets

Access:

## ● Product Specification

Components (% Vol. abs)		Impurities (ppm v/v)	Supply mode	Packaging size	Pressure (bar)	*Capacity (m3)
N2	2% ± 0.2%	H2O ≤ 5	Cylinder	50L	200	10
Ar	Balance	O2 ≤ 5	**Pack 8,16	50L	200	81,162

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

\*\* On demand

## ● 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 580  
Cylinder color: Blue  
Stripe color: Gray  
Caps: Lead



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