



Argon

Gas code	SG061
Gas composition	99.995% Argon
Cylinder identification	Cylinder colour (to AS 4484): Peacock blue body, shoulder and neck

Description

- ▶ Colourless, tasteless and odourless
- ▶ Inert to all materials at all temperatures and pressures
- ▶ Heavier than air, argon will collect in low-lying areas, ducts and drains
- ▶ An asphyxiant
- ▶ Lower thermal conductivity than most other gases
- ▶ Low thermal conductivity acts as an insulator and will not transfer heat efficiently



Used for

- ▶ All the major applications of argon are related to the production, processing and fabrication of metals. The role of argon is nearly always to exclude atmospheric air from contact with metal alloys. An example of this is as a purging gas to protect weld areas, such as the inside of pipes during welding
- ▶ Major component in most shielding gas mixtures for arc welding and cutting due to low ionising potential
- ▶ The predominant gas used in shielding gases, because it forms a very good shield due to the high density and total inertness
- ▶ Used on a wide range of ferrous and non-ferrous materials for welding and cutting
- ▶ Fills the inter-space in double glazed windows

Cylinder size	Cylinder content (sm ³)	Gauge Pressure (1KPA @ 15°C)	Outlet Connection
G2	10.2	20,000	AS 2473 Type 10
E2	4.1	20,000	AS 2473 Type 10

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