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Argon

Argon's most important chemical property is its inertness, which makes it an ideal protective gas – even at the high temperatures that are commonly encountered in metallurgy and arc welding. Another special feature is its deviation from the "ideal gas law", as it is known: this means that, at 200 bar, a gas cylinder can contain approximately 7% more argon than would be expected on the basis of the ideal gas law.

Argon is a colourless and odourless noble gas. Though it is non-toxic, it can, just like nitrogen, displace oxygen which is needed for breathing. Argon, or Ar for short, is also heavier than air, so it can accumulate close to ground level, particularly in pits.

For further information about selected products please check our product data sheets:

- [Argon 5.0](#)
- [Argon 6.0](#)
- [Argon W2 Spectro](#)
- [Argon W5 Spectro](#)



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