

Labelling of cylinders used in welding

The basis for all labelling is the standard DIN EN 1089-3



Colour of shoulder: Bright green (RAL 6018)	Colour of shoulder: Red (RAL 3000)	Colour of shoulder: Dark green (RAL 6001)	Colour of shoulder: Brown (RAL 8008)	Colour of shoulder: Grey (RAL 7037)	Colour of shoulder: Black (RAL 9005)	Colour of shoulder: White (RAL 9010)	Colour of shoulder: Maroon (RAL 3009)
Argon gas mixture without hydrogen* Ferroline C8 Ferroline C18 Ferroline C25 Ferroline X4 Ferroline C12 X2 Ferroline C5 X5 Ferroline C6 X1 Inoxline C2 Inoxline He3 H1 Inoxline He30 C3 H1 Inoxline He30 H2 C Inoxline N3 H Aluline He15 N Aluline He30 N Aluline He50 N Aluline He70 N Aluline N	Argon gas mixture with hydrogen* Inoxline H2 Inoxline H5 Inoxline H7 Inoxline H20	Argon Welding argon (4.6) Special welding argon (4.8)	Helium Helium	Carbon dioxide Carbon dioxide	Nitrogen Nitrogen technically Nitrogen 5.0 Nitrocut	Oxygen Oxygen technically Oxicut	Acetylene Acetylene



- 1 UN number and full name of gas in compliance with ADR
- 2 Hazard and safety warnings
- 3 Manufacturer's statements
- 4 Signal word
- 5 Name, address and telephone number of manufacturer
- 6 Full name as specified in ISO 14175
- 7 Registered shipping name
- 8 Hazard label
- 9 EG - number (EG - number not applicable for gas mixtures)

+ Made in Switzerland

Hazard label (List not exhaustive)		
	No. 2.2 Inert (non-flammable) gases Non-toxic gases	Non-flammable gases Can cause suffocation if the oxygen in the air is displaced. Hazard if oxygen content (O ₂) of air drops below 18 per cent.
	No. 5.1 Oxidizing substances	Oxidizing gases Highly oxidising. Can lead to fire in conjunction with flammable substances. Any clothing which has come into contact with high concentrations of the gas can easily ignite.
	No. 2.1 Flammable gases	Flammable (combustible) gases Capable of forming mixtures with air which can ignite fires.
	GHS 04	Pressurised gases Compressed, liquefied or dissolved gas. Store in a well ventilated place.

Note: If hazard label 2.2 is present, GHS 04 does not need to be attached.

* Depending on national regulations, cylinders for argon gas mixtures without hydrogen may still be used for argon gas mixtures with small amounts of hydrogen. In Switzerland, the permitted limit for hydrogen content is two per cent.