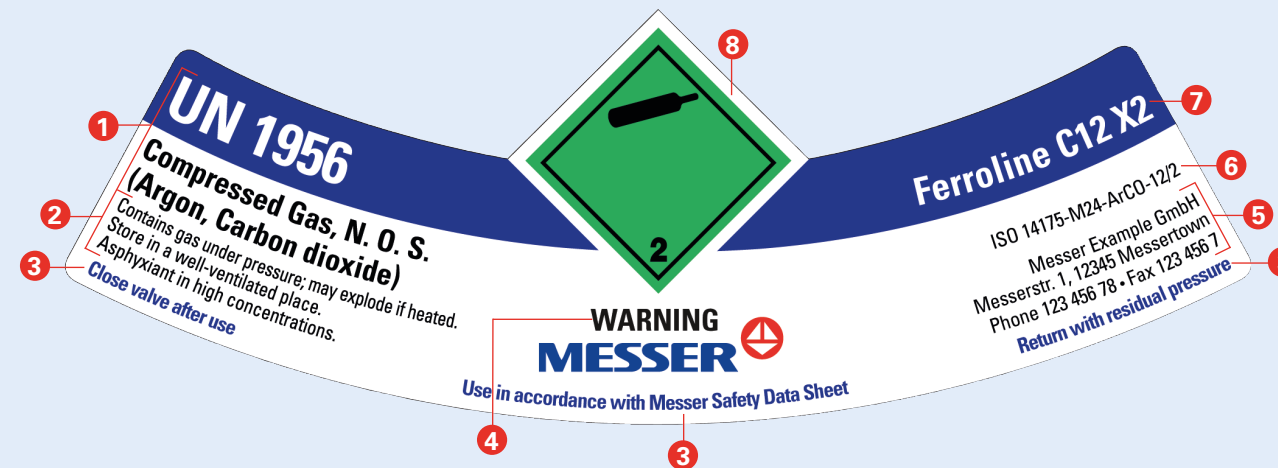


# Labelling of cylinders used in welding

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



Colour of shoulder:	Colour of shoulder:	Colour of shoulder:	Colour of shoulder:	Colour of shoulder:	Colour of shoulder:	Colour of shoulder:	Colour of shoulder:
Bright green (RAL 6018)	Red (RAL 3000)	Dark green (RAL 6001)	Brown (RAL 8008)	Grey (RAL 7037)	Black (RAL 9005)	White (RAL 9010)	Maroon (RAL 3009)
<b>Argon gas mixture without hydrogen*</b> Ferroline C8 Ferroline C18 Ferroline C25 Ferroline X4 Ferroline X8 Ferroline C6 X1 Ferroline C12 X2 Ferroline C5 X5 Ferroline He20 C8 Inoxline X2 Inoxline C2 Inoxline He15 C2 Inoxline C3 X1 Inoxline N1 Inoxline N2 Inoxline He15 N1 Inoxline He3 H1*	<b>Argon gas mixture with hydrogen*</b> Inoxline H2 Inoxline H5 Inoxline H7 Inoxline He3 H1* Inoxline He15 H2 N Inoxline He30 H2 C	<b>Argon</b> Welding argon Special welding argon	<b>Helium</b> Helium	<b>Carbon dioxide</b> Carbon dioxide	<b>Nitrogen</b> Nitrogen 4.0 Nitrogen 5.0 Nitrocut	<b>Oxygen</b> Oxygen technically Oxicut	<b>Acetylene</b> Acetylene



- 1 UN number and full name of gas in compliance with ADR (transport of hazardous goods) treaty
- 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

EC number may be omitted for gas mixtures

Hazard label (List not exhaustive)	
	<b>No. 2.2</b> Inert (non-flammable) gases Non-toxic gases <b>Non-flammable gases</b> Can cause suffocation if the oxygen in the air is displaced. Hazard if oxygen content (O <sub>2</sub> ) of air drops below 18 per cent.
	<b>No. 5.1</b> Oxidising substances <b>Oxidising gases</b> 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.
	<b>No. 2.1</b> Oxidising gases <b>Flammable (combustible) gases</b> Capable of forming mixtures with air which can ignite fires.
	<b>GHS 04</b> <b>Pressurised gases</b> 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 Germany, the permitted limit for hydrogen content is two per cent.