

Colour coding of the most important gas cylinders at Messer

in accordance with EN 1089-3 standard



Industrial gases

General labelling rules based on the properties of the gas

Special colour coding of the most important industrial gases Industriegase

										
Shoulder colour: Yellow (RAL 1018)	Shoulder colour: Red (RAL 3000)	Shoulder colour: Light blue (RAL 5012)	Shoulder colour: Bright green (RAL 6018)	Shoulder colour: Dark green (RAL 6001)	Shoulder colour: Brown (RAL 8008)	Shoulder colour: Grey (RAL 7037)	Shoulder colour: Black (RAL 9005)	Shoulder colour: White (RAL 9010)	Shoulder colour: Maroon (RAL 3009)	Shoulder colour: Blue (RAL 5010)

Cylinder body colour: The body colour of our gas cylinders is grey or the same colour as the shoulder, but not white. The cylinders body colour of our gourmet gases (food industry) is olive-yellow (RAL 1020).

Toxic and / or corrosive gases Ammonia Chlorine Sulphur dioxide Nitrox oxide Carbon monoxide	Flammable gases Hydrogen Propane Methane Ethane Flammable gas mixtures Forming gases Mixtures of Argon with Hydrogen (Inoxline H5, H7)	Oxidizing gas mixtures Gourmet 070	Inert gases Noble gases Krypton Xenon Neon Neutral (inert) shielding gas mixtures with argon Ferroline Inoxline Aluline Neutral (inert) gas mixtures for the food industry Gourmet - Gase Compressed air / Synthetic air	Argon Argon	Helium Helium Balloon helium Diveline He	Carbon dioxide Carbon dioxide Gourmet C	Nitrogen Nitrogen Gourmet N	Oxygen Oxygen Gourmet O Diveline O	Acetylene Acetylene	Nitrous oxide Nitrous oxide
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The hazardous goods sticker contains all obligatory information. Moreover, the colour coding of the cylinder allows for the important hazard characteristics to be identified at a distance, something that is potentially important for rescue teams in emergency situations, for instance.



Hazardous goods stickers

- 1 UN number and complete designation of the gas in accordance with the ADR
 - 2 Hazard and precautionary statements
 - 3 Manufacturer statements
 - 4 Signal word
 - 5 Name, address and telephone numbers of the manufacturer
 - 6 Trade name
 - 7 Hazard warning pictogram
- If necessary:
- 8 Complete designation in accordance with ISO 14175
 - 9 EC number is not required for gas mixtures
- + Made in Switzerland

Medical gases

								
Shoulder colour: White (RAL 9010)	Shoulder colour: Blue (RAL 5010)	Shoulder colour: Grey (RAL 7037)	Shoulder colour: Black (RAL 9005)	Shoulder colour: Dark green (RAL 6001)	Shoulder colour: Turquoise blue (RAL 5018)	Shoulder colour as banding or quartering: White + Black (RAL 9010 + RAL 9005)	Shoulder colour as banding or quartering: White + Blue (RAL 9010 + RAL 5010)	Shoulder colour as banding or quartering: White + Grey (RAL 9010 + RAL 7037)

Cylinder body colour: It is obligatory for the cylinder body colour of medical gases and medical gas mixtures to be uniform white RAL 9010.

Medical oxygen	Medical nitrous oxide	Medical carbon dioxide	Medical nitrogen	Medical argon	Mixtures composed of Medical nitric oxide / Nitrogen (with ≤ 1'000 ppm NO)	Medical compressed air / Medical synthetic air	Mixtures composed of Medical nitrous oxide / Oxygen	Medical carbon dioxide / Oxygen mixtures
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