



BIOGON® Food-grade gases

BIOGON® NC, OC, NCO compressed gas mixtures



Application area

In the food industry, product-specific, pre-mixed gas mixtures are used in food packaging. The gas mixtures consist of nitrogen, carbon dioxide and oxygen. The technology is called modified atmosphere packaging (MAP). Linde's concept is called MAPAX®. The different food gases are called BIOGON®. Surveys show that customers prefer raw materials with freshness, where vitamin and nutrient loss is minimized. MAPAX® ensures that vitamins and nutrition are maintained, inhibits bacterial growth and rancidity, provides better color stability and protects the product against crushing during transport. The gas bottles with food gases are green and easy to recognize. The color code on the bottle neck distinguishes the different gases. Our food gases meet all EU requirements and are traceable. Linde's sales representatives can provide more information and advice on which gas is suitable for your product and packaging form.

Product specification

BIOGON® NC, OC, NCO compressed gas mixtures

Product name	Product information			Impurities unit ppm		Odor, taste	Cylinder size	Content	Material-number
	gas %								
	N ₂	CO ₂	O ₂	H ₂	O ₂				
BIOGON® NC 30	70	30		≤50	≤30	None	10 l	2,2 m ³	108502
BIOGON® NC 30	70	30		≤50	≤30	None	20 l	4,6 m ³	108542
BIOGON® NC 30	70	30		≤50	≤30	None	50 l	11,4 m ³	100624
BIOGON® NC 30	70	30		≤50	≤30	None	12x50 l	136,4 m ³	108534
BIOGON® NC 50	50	50		≤50	≤30	None	50 l	8,2 m ³	108545
BIOGON® OC 20		20	80	≤50		None	50 l	12 m ³	108528
BIOGON® OC 20		20	80	≤50		None	12x50 l	130,4 m ³	112190
BIOGON® OC 25		25	75	≤50		None	50 l	12,4 m ³	108537
BIOGON® N CO 10 10	80	10	10	≤50		None	50 l	12,4 m ³	108536

Products

Gases as additives

Nitrogen	E941
Carbon dioxide	E290
Oxygen	E948

All BIOGON® products comply with Swedish and European food legislation requirements. These include regulations such as (EC) No 852/2004, Regulation (EC) No 178/2002, Regulation (EC) No 1333/2008, and Regulation (EC) No 231/2012. The gases in the BIOGON® product group contain no allergens. No genetically modified organisms (GMOs) are involved in the manufacturing process of BIOGON® gases.

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Safety Linde is committed to maintaining a high level of safety and protection for both personnel and the environment. Please review our safety data sheets before using the product, available on [linde.se](https://www.linde.se)

Delivery form Compressed gas mixture in gas bottles/packages.

[linde.se](https://www.linde.se)

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