



Product data sheet. Nitrous Oxide.

Linde HiQ® specialty gases portfolio

Specifications

Component	Chemical formula	Unit	AAS nitrous oxide 2.5	HiQ nitrous oxide 5.0
Nitrous oxide	N ₂ O	%	≥ 99,5	≥ 99,999
Water	H ₂ O	ppm	≤ 10	≤ 1
Oxygen	O ₂	ppm	≤ 5000*	≤ 1**
Methane	CH ₄	ppm		≤ 0,5
Carbon monoxide	CO	ppm		≤ 1
Carbon dioxide	CO ₂	ppm		≤ 1
Nitrogen	N ₂	ppm	≤ 5000*	≤ 3
Nitric oxide	NO	ppm		≤ 1
Nitrogen dioxide	NO ₂	ppm		≤ 1
Argon	Ar	ppm		≤ 1**

*Sum of O₂ + N₂

**Sum of O₂ + Ar

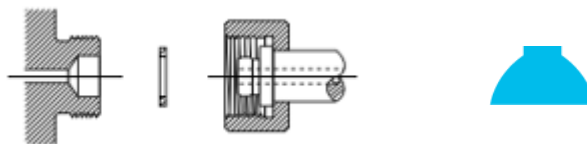
Material no.

Cylinder size	AAS nitrous oxide 2.5	HiQ nitrous oxide 5.0
20 litres	109912	—
50 litres	101125	117511
12x50 litres (bundle)	—	117381

Features

Valve outlet: DIN 477 No. 11

Cylinder colour: Light blue/Silver grey



Characteristics

Liquified gas, oxidizer

Filling pressure: 46 bar (15° C)

Safety

For all safety related topics including handling, transport and recommended use please see Safety Data Sheets.

Sweden: www.linde-gas.se/sakerhetsdatablad

Norway: www.linde-gas.no/sikkerhetsdatablader

Finland: www.linde-gas.fi/turvallisuusohjeet

Denmark: www.linde-gas.dk/sikkerhedsdatablade

Iceland: www.linde-gas.is/oryggisleidbeiningar

Latvia: www.linde-gas.lv/drosibas_datu_lapas

Lithuania: www.linde-gas.lt/saugos_duomenu_lapai

Estonia: www.linde-gas.ee/ohutuskaardid

Safety Data Sheets are available through your local Linde homepage in both local language and English.

