



Product data sheet. Methane.

Linde HiQ® specialty gases portfolio

Specifications

| Component | Chemical formula | Unit | Chemical methane 2.5 | Instrument methane 3.5 | Detector methane 4.5 | Scientific methane 5.5 |
|--------------------|-------------------------------|------|----------------------|------------------------|----------------------|------------------------|
| Methane | CH ₄ | % | ≥ 99,5 | ≥ 99,95 | ≥ 99,995 | ≥ 99,9995 |
| Water | H ₂ O | ppm | | | ≤ 5 | ≤ 1 |
| Oxygen | O ₂ | ppm | | ≤ 30 | ≤ 5 | ≤ 5* |
| Other hydrocarbons | C _n H _m | ppm | ≤ 3000 | ≤ 300 | ≤ 20 | |
| Hydrogen | H ₂ | ppm | | ≤ 20 | ≤ 10 | |
| Nitrogen | N ₂ | ppm | | ≤ 200 | ≤ 50 | ≤ 5* |

*Sum of O₂ + N₂

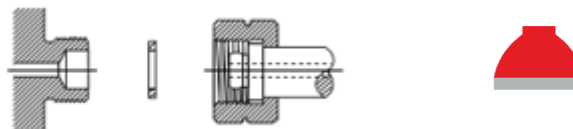
Material no.

| Cylinder size | Chemical methane 2.5 | Instrument methane 3.5 | Detector methane 4.5 | Scientific methane 5.5 |
|----------------------------------|----------------------|------------------------|----------------------|------------------------|
| 1 litre | — | — | — | 104449 |
| 5 litres | 109888 | — | — | 104303 |
| 10 litres | 100679 | 100678 | 105423 | 100681 |
| 50 litres | 100677 | 100676 | 100684 | 100683 |
| 50 litres with batch certificate | — | — | — | — |
| 12x50 litres (bundle) | 100691 | — | — | — |

Features

Valve outlet: DIN 477 No. 1

Cylinder colour: Red/Silver Grey



Characteristics

Compressed gas, flammable

Filling pressure: 200 bar (50L and 12X50L), 100 bar (1-10L)

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.



Linde Northern Europe, www.linde-gas.com

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