



Product data sheet. Ammonia.

Linde HiQ® specialty gases portfolio

Specifications

Component	Chemical formula	Unit	HiQ ammonia 3.8	HiQ ammonia 4.5	HiQ ammonia 5.0	HiQ ammonia 6.0
Ammonia	NH ₃	%	≥ 99,98	≥ 99,995	≥ 99,999	≥ 99,9999
Water	H ₂ O	ppm	≤ 200*	≤ 5	≤ 1	≤ 0,2
Oxygen	O ₂	ppm		≤ 5	≤ 1	≤ 0,1
Total hydrocarbons	C _n H _m	ppm		≤ 2	≤ 1	≤ 0,1
Carbon monoxide	CO	ppm		≤ 5	≤ 1	≤ 0,1
Carbon dioxide	CO ₂	ppm		≤ 1	≤ 1	≤ 0,2
Nitrogen	N ₂	ppm		≤ 30	≤ 4	≤ 0,5
Iron	Fe	ppm				≤ 0,1*
Oil		ppm	≤ 10*			

*(w/w)

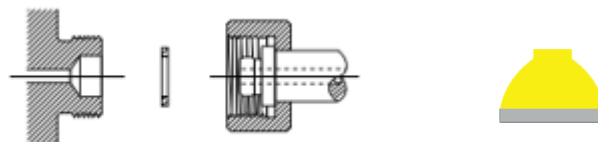
Material no.

Cylinder size	HiQ ammonia 3.8	HiQ ammonia 4.5	HiQ ammonia 5.0	HiQ ammonia 6.0
2 litres	116556	—	—	—
10 litres	113341	—	117938	109112
50 litres		111394	112256	105952
50 litres with batch certificate	—	117160	—	—
61 litres	118343			

Features

Valve outlet: DIN 477 No. 6

Cylinder colour: Yellow/Silver grey



Characteristics

Liquified, flammable

Filling pressure: 7,3 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.



Linde Northern Europe, www.linde-gas.com

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