

Hydrogen Zero Grade (N4.5)

Gas → Hydrogen zero grade (N4.5)

Specification 99.995% minimum
→ total impurities ≤50 ppm maximum
Impurities may be specifically analysed on request.

Typical impurity concentrations: total hydrocarbons 5ppm, moisture 5ppm, nitrogen 20ppm, oxygen 5ppm, carbon dioxide 5ppm, carbon monoxide 10ppm.
The above concentrations are ideal volume fractions (= mole fractions).

Part numbers 290629-L, 270065-F, 270069-D, 162655-RSH, 162626-RSQ.

Cylinder size	Cylinder contents volume (m ³) [†]	Maximum filled pressure at 15°C (bar)	Approx. dimensions (H x ø) - heights are given to centre of typical valve outlet (m)	Approx. gross cylinder weight (kg)
L	8.80	200	1.54 x 0.23	71
F	1.17	137	0.82 x 0.14	18
D	0.290	137	0.45 x 0.10	8
RSH*	0.135	150	0.44 x 0.095	3
RSQ**	0.135	150	0.44 x 0.095	3

[†] Volume of gas expanded to 15°C, 1atm

ø Represents cylinder diameter

Outlet connection BS341 No. 4 (5/8" BSP female left hand cone recessed)

*Hose barb

**Quick connector

Key contact numbers For further product and safety information (including Safety Data Sheets)

UK: boconline.co.uk or Telephone 0800 020 800

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