

Gases: Hospitality

Partigas

SPECIFICATION

Gas	Purity
Helium	99%

NOTE

Cylinder size	Contents kg	Charging pressure kPa at 20°C	Valve outlet connection
Partigas 1	0,151	20 000	5/8" BSPF right hand female
Partigas 2	0,31	20 000	5/8" BSPF right hand female
Partigas 3	0,72	20 000	5/8" BSPF right hand female
Partigas 4	1,51	20 000	5/8" BSPF right hand female

COMMON DATA

Description

High pressure permanent gas for leisure market use.

Hazards

- High-pressure gas.
- Asphyxiant in high concentrations.

Physical data

Appearance/odour Colourless and odourless

Molecular weight 4,0026

Specific volume at 21,1°C, 101,325 kPa 6030,4 l/kg

Boiling point at 101,325 kPa 268,9°C

Critical temperature -267,9°C

Relative density (air = 1) at 1 atm + 15°C 0,167

Density, gas at 101,325 kPa + 15°C 0,167kg/m³

Flammability Non-flammable

USES AND FEATURES

- Branded helium used for inflating balloons.

PRECAUTIONS IN USE

- Use only approved pressure rated equipment.
 - Open cylinder valve slowly.
 - Close cylinder valve when not in use.
- Refer to MSDS for more information.

MATERIAL COMPATIBILITY

- Partigas is non-corrosive and so any common metal is acceptable provided equipment is designed to withstand process pressure.