

## Helium (He, R-704)

CAS: 7440-59-7

EC: 231-168-5

UN: 1046 (Compressed); 1963 (Refrigerated liquid)

Helium Baseline 5.0				
Purity (%)	99,999			
Impurities (ppm)	O <sub>2</sub> 2	N <sub>2</sub> 5	C <sub>n</sub> H <sub>m</sub> 0,5	H <sub>2</sub> O 3
Typical Filling Pressure	20°C: 200 bar(a)			

Helium NF3				
Purity (%)	99,999			
Impurities (ppm)	O <sub>2</sub> 3	N <sub>2</sub> 5	C <sub>n</sub> H <sub>m</sub> 0,5	H <sub>2</sub> O 0,5
Typical Filling Pressure	20°C: 200 bar(a)			



Helium is a unique product with many applications in various sectors. The unique cryogenic properties (boiling point -269°C), small molecules and inert nature, lends it to very specific uses. Afrox supplies various grades of helium, from ultra-high purity liquid helium for medical use, to technical grade and Partigas.

### Characteristics

- Colourless and odourless gas
- Non-reactive.

### Health Risks

- Asphyxiant at high concentrations.

### Transport

ADR Class 2, 1 A



DOT Class 2,2



Product Description	Size (kg)	Grade	Material Number	Valve Connection	Recommended Regulator
Helium Baseline 5.0	0,30	Instrument Grade	524103-IE-C	5/8" BSP RH Int	W019110 or W019210
Helium Baseline 5.0	1,51	Instrument Grade	524203-SE-C	5/8" BSP RH Int	W019110 or W019210
Helium NF3	1,51	NF3 Grade	524206-SE-A	5/8" BSP RH Int	W019110 or W019210
Helium HP N4.5	1,51	High Purity	524102-SE-C	5/8" BSP RH Int	W019110 or W019210
Helium Tech N2.7	1,51	Technical	524101-SE-C	5/8" BSP RH Int	W019110 or W019210
Helium Tech MCP N2.7	22,65	Technical	524101-ME-C	5/8" BSP RH Int	W019110 or W019210
Liquid Helium	Bulk	Ultra-high Purity	5222-PC	5/8" BSP RH Int	No Regulator Required