

HELIUM H-40 FILLING

Product group: **719** Product number: **905618**

Helium is used as a component of artificial atmospheres. It is mainly used as a balloon-inflating gas. Also used for blow out preventors in the offshore market.



Product information

The gas capacity of a cylinder can be calculated in two different ways. The most simple method is the water capacity of the cylinder (in litres) multiplied by the actual pressure (in bar); the result is the capacity in litres. Although a simple method it is not the most accurate method. A better but much more complex method will give a more accurate value for the gas capacity; it will take the compressibility of the gas at both 1 bar and at the actual pressure in consideration and all based on 15 degrees C. The result is often quoted as normal litres or normal cubic metres (nm³). For helium the more accurate method will give a slightly lower value as compared to the simple method i.e. (7.5 m³ versus 8 nm³).

Features

- Helium is colourless, odorless inert gaseous element occurring in natural gas
- A special balloon fill regulator (Product no. 698 624434) is available
- One cylinder Helium H-40 fills on average 375 balloons

Benefits

- For your safety, the product is delivered in a Unitor cylinder complete with barcode and unique cylinder serial number
- We trace and track all cylinders using the UniTrak system to give you peace of mind

Specification

General

Cylinder Type	H-40
Invent Hazard Material (IMO/EU) classification	NA

Physical properties

Colour	orange brown
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Dimensions/Weight

Diameter [mm]	230
Gross Weight [kg]	57
Height [mm]	1210
Weight [kg]	1.3 Net

Technical data

Connection [inch]	W24.32mm x 1/14" RH Ext side
Filling pressure [bar]	200bar
Purity	97%
Volume (l)	40

Performance data

Gas Capacity [m ³]	1.23kg
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Documents

[helium](#)

[SDoC and MD for IHM](#)

Related products

Accessories

51002 REGULATOR 510 N2 PRESSURE 0-10 BAR
624434 BALLOON FILL REGULATOR WITH GAUGE

Is frequently bought together with

905607 UNICOOL R-407C 52 KG REFRIGERANT
624434 BALLOON FILL REGULATOR WITH GAUGE
905232 NITROGEN N-1030 FILLING
905174 ARGON E-50 FILLING

905602 NITROGEN N-1050 FILLING
905208 NITROGEN N-5030 FILLING

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