

Product group: 717      Product number: 905601

Nitrogen 5.0 grade is predominantly used for blanketing purposes. This product is delivered in a Unitor cylinder as part of WSS global cylinder exchange program.



Product information

This product supersedes product no: 589093, 905600

Nitrogen in 5.0 Grade has 99.999% purity. This product is delivered in a 50 litre cylinder. Product comes with a certificate to confirm its purity. An inert gas, it is normally used for purging and blanketing applications. Beware of asphyxiation hazards when using the gas.

Features

- Nitrogen is a colourless, odourless and tasteless.
- Non-combustible and non-toxic.
- Slightly lighter than air and it's an inert gas.
- The composition is: Nitrogen 5.0: >99.999%.
- A certificate of analysis is supplied with the cylinder.
- Nitrogen is well suited for purging or flushing cargo tanks and pipelines of residual gases and vapours prior to loading cargo.
- It is also used as a 'blanket' on top of several types of cargoes to prevent reactions with oxygen from atmospheric air.
- The filling pressure is lower in some locations than the normal 200 bar due to local rules and regulations that limit filling pressure.
- Nitrogen 5.0 means > 99.999% pure and the impurities: Water (H2O) < 5 ppm and Oxygen (O2) < 5 ppm.

Benefits

- Perfectly suited for inerting / blanketing.
- Quality assured with a certificate of analysis linked to the cylinder serial number.
- For your safety, the product is delivered in a Unitor exchange cylinder complete with barcode and unique cylinder serial number
- We trace and track all cylinders using our system to give you peace of mind
- We offer global availability through our Global Exchange Programme.

Specification

General

Cylinder Type	N-50
Invent Hazard Material (IMO/IU) classification	NA

Physical properties

Colour	Green with orange shoulder
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Dimensions/Weight

Connection [Size/ Type]	W24.32mmx 1/14" RHExt
Diameter [mm]	230
Gross Weight [kg]	92
Height [mm]	1690
Weight [kg]	

Technical data

Connection [inch]	W24.32mmx 1/14" RHExt
Filling pressure [bar]	up to 200bar
Purity	5.0 > 99.999%
Volume (l)	50

Performance data

Gas Capacity [m³]	10.2
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Documents

[Nitrogen](#)

[SDoC and MD for IHM](#)

Related products

Accessories

- 778147  
TROLLEY F/1 40-50L GAS CYLINDER
- 550160  
WASHER ALU 10 PCS FOR OX REGULATOR
- 510003  
REGULATOR 510 N2 PRESSURE 0 -1 BAR
- 510011  
REGULATOR 510 N2 FLOW 0-1.3 L/MIN
- 771713  
REGULATOR 600 NITROGEN 0-200 BAR
- 510002  
REGULATOR 510 N2 PRESSURE 0-10 BAR

Is frequently bought together with

905034  
OXYGEN O-40 FILLING

905026  
ACETYLENE A-40 FILLING

765018  
ENVIROCLEAN 25 LTR

571356  
ROCOR NB LIQUID 25 LTR

571364  
VAPTREAT 25LTR

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