

Product group: 714 Product number: 905208

Nitrogen 3.0 grade is predominantly used for purging. This product is delivered in a Unitor cylinder as part of WSS global cylinder exchange program.



Product information

Nitrogen in 3.0 Grade has 99.9% purity. This product is delivered in a 50 litre cylinder. Product does not come 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
- Nitrogen is well suited for purging or flushing cargo tanks and pipelines of residual gases and vapours prior to loading cargo or doing maintenance
- 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 3.0 means > 99.9% pure and the impurities: Water (H2O) < 1000 ppm and Oxygen (O2) < 1000 ppm.

Benefits

- Perfectly suited for purging, inerting / blanketing
- 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/EU) classification	NA

Physical properties

Colour	green
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Dimensions/Weight

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

Technical data

Connection [inch]	W24.32mm x 1/14" RH Ext
Filling pressure [bar]	up to 200bar
Purity	3.0 > 99.9%
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

905607
UNICOOL R-407C 52 KG REFRIGERANT

698720
AUTOTREAT - 25 LTR

571356
ROCOR NB LIQUID 25 LTR

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