

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 (H<sub>2</sub>O) < 1000 ppm and Oxygen (O<sub>2</sub>) < 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/IU) 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 [m <sup>3</sup> ]	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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