

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 (H<sub>2</sub>O) < 5 ppm and Oxygen (O<sub>2</sub>) < 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
--------	----------------------------

### Dimensions/Weight

Connection [Size/ Type]	W24.32mm x 1/14" RH Ext
Diameter [mm]	230
Gross Weight [kg]	92
Height [mm]	1690
Weight [kg]	11.5 Net

### Technical data

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

### Performance data

Gas Capacity [m <sup>3</sup> ]	10.2
--------------------------------	------

## Documents

[SDoC and MD for IHM](#)

[Nitrogen](#)

## Related products

### Accessories

**550160**

WASHER ALU 10 PCS FOR OX REGULATOR

**510002**

REGULATOR 510 N2 PRESSURE 0-10 BAR

**771713**

REGULATOR 600 NITROGEN 0-200 BAR

**510011**

REGULATOR 510 N2 FLOW 0-1.3 L/MIN

**778147**

TROLLEY F/1 40-50L GAS CYLINDER

Is frequently bought together with

**765018**

ENVIROCLEAN 25 LTR

**571364**

VAPTREAT 25LTR

**571356**

ROCOR NB LIQUID 25 LTR

**905034**

OXYGEN O-40 FILLING

**905026**

ACETYLENE A-40 FILLING

This page is printed from

<https://www.wilhelmsen.com/product-catalogue/products/gases-refrigerants-and-cylinders/gases/nitrogen/nitrogen-n-5050-filling/>