

## Refill Nitrogen N-5030 on exchange

**Item No.: 211211316**

### Product information

For nitrogen the following is valid:

- 1 nm3 = 1.147 kg
- 1 kg = 0.872 nm3
- 1 bar = 14.5 psi
- 1 nm3 = 35.3 ft3
- 1 kg = 2.2 lbs

### 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 standard marine type exchange cylinder complete with a unique cylinder serial number.
- We offer global availability through our Global Exchange Programme.

### Specification



<b>General:</b>	<b>Cylinder Type</b>	N-50
	<b>Invent Hazard Material (IMO/EU) classification</b>	NA

<b>Physical Properties:</b>	<b>Colour</b>	Green	<b>Performance Data:</b>	<b>Gas Capacity (m<sup>3</sup>)</b>	10.2
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<b>Dimensions /Weight:</b>	<b>Diameter (mm)</b>	230
	<b>Gross Weight (kg)</b>	92
	<b>Height(mm)</b>	1690
	<b>Weight (kg)</b>	11.5 Net

<b>Technical Data:</b>	<b>Connection (inch)</b>	W24.32mm x 1/14" RH Ext side
	<b>Filling pressure (bar)</b>	200
	<b>Purity</b>	
	<b>Volume (l)</b>	50