

# NITROGEN N28 / N<sub>2</sub>



Air Liquide delivers Nitrogen throughout Europe in a mode of supply to suit each of our customer's needs: liquid, cylinder or on-site production

Air Liquide's Gas Encyclopedia - Pages: 1019 - 1052

# **Applications**

Protective atmosphere (heat treatment)

Inerting agent

Pressurizing agent

Cryogenic storage

#### **Transport information**

## **Compressed gases**

Proper shipping name Nitrogen, compressed

UN-Nr 1066
ADR/RID Class 2

Classification code 1A



## **Safety Data Sheets**

Compressed gas: N° EIGA089A Access: https://be.airliquide.com/

## **Physical information**

Molecular weight 28 g/mol

Relative density:

Relative density, gas 0.97 (air=1)
Colour Colorless
Odor Odorless
CAS number 7727-37-9

#### **Properties**

**Hazards identification:** Contains gas under pressure; may explode under the effect of heat. Asphyxiant in high concentrations.

**Personal protection:** When handling the product, ensure adequate ventilation. For full and more detailed information, please consult the Material Safety Data Sheet (MSDS).



# Cylinder equipment

#### **Valve fittings**

Cylinder: B4 - IS 21.7 x 1.814 right-hand, male

Bundle: WW 1" 1/8 right-hand, male

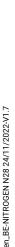
Shoulder colour: Black (RAL 9005)





# **Product Specifications**

Global purity (% Vol. abs) N <sub>2</sub>	Impurities (ppm v/v)		Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,999 %	H <sub>2</sub> O (5 bar)	≤ 5	Cylinder	10L	200 bar	2 m³	I4015S10R2A001
	02	≤ 3	Cylinder	20L	200 bar	4 m³	I4015M20R2A001
	H <sub>2</sub>	≤ 1	Cylinder	50L	200 bar	10 m³	I4015L50R2A001
			Bundle	V09*50L	200 bar	90 m³	I4015V09R2A001
			Bundle	V24*50L	200 bar	240 m³	I4015V24R2A001
			Bundle	H27*50L	200 bar	270 m³	I4015H27R2A001





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