

# 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



## 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 m <sup>3</sup>	I4015S10R2A001
	O <sub>2</sub> ≤ 3	Cylinder	20L	200 bar	4 m <sup>3</sup>	I4015M20R2A001
	H <sub>2</sub> ≤ 1	Cylinder	50L	200 bar	10 m <sup>3</sup>	I4015L50R2A001
		Bundle	V09*50L	200 bar	90 m <sup>3</sup>	I4015V09R2A001
		Bundle	V24*50L	200 bar	240 m <sup>3</sup>	I4015V24R2A001
		Bundle	H27*50L	200 bar	270 m <sup>3</sup>	I4015H27R2A001

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