

NITROGEN N28 / N₂



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

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