

NITROGEN



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

● Applications

- Protective atmosphere (heat treatment)
- Inerting agent
- Pressurizing agent
- Cryogenic storage

● Transport information

Compressed gas

Proper shipping name Nitrogen, compressed
 UN Nr 1066
 ADR/RID Class 2
 Classification Code 1 A

Refrigerated gas

Proper shipping name Nitrogen, refrigerated liquid
 UN Nr 1977
 ADR/RID Class 2
 Classification Code 3 A



● Physical information

Molecular weight 28.01 g/mol
 Relative density, gas 0.97 (air=1)
 Relative density, liquid 0.8 (water=1)
 CAS number 7727-37-9

● Properties

Hazards identification: in high concentrations may cause asphyxiation
 Flammability range: non flammable
 Personal protection: ensure adequate ventilation

● Cylinder equipment

Valve fittings :
 W 24.32 x 1/14", right, external thread, DIN 10
 Shoulder colour: black (RAL 9005)



● Safety Data Sheets

Access: www.airliquide.no

● Product Specifications

Global purity (% Vol. abs)	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure (bar)	Capacity (m ³)	Product reference
N ₂ ≥ 99.8	H ₂ O ≤ 40 O ₂ ≤ 100	Cylinder	S05	200	1	I4001S05R2E001
		Cylinder	S10	200	1.9	I4001S10R2A001
	Cylinder	M20	200	3.9	I4001M20R2A001	
	Cylinder	L50	200	9.7	I4001L50R2A001	
	Bundle	H08	200	62.1	I4001H08Z2A001	
	Bundle	H10	200	97.1	I4001H10R2A001	
	Bundle	V12	200	116.5	I4001V12R2A001	
	Bundle	V16	300	215.4	I4001V16R3A001	
	Bundle	H64	300	861.7	I4001H64R3A001	
			Liquid			

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