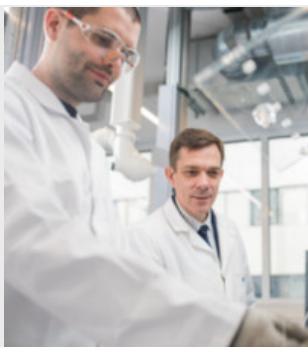


ARGON 4.8 / Ar



Applications

Carrier Gas (GC), Heat Insulation (double glazing), Inerting Agent, Lighting (incandescent lamps etc.), Process Gas (plasma for ICP, inert for Graphic Furnace AAS), Protective Atmosphere (welding, heat treatment, food etc.), Purge and Zero Gas.

Transport information

Compressed gases

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



Safety Data Sheets

Compressed gas : SDS-003-CLP

Access: [https://www.msds-al.co.uk/assets/file_assets/SDS-003A-CLP_Argon\(7440-37-1\).pdf](https://www.msds-al.co.uk/assets/file_assets/SDS-003A-CLP_Argon(7440-37-1).pdf)

Physical information

Molecular weight	39.948 g/mol
Relative density:	
Relative density, gas	0,97 (air=1)
Colour	Colorless
Odor	Odorless
CAS number	7727-37-9

Properties

Hazards identification: In high concentrations may cause asphyxiation

Flammability range: Non-flammable



Cylinder equipment

Valve fittings

200 Bar - BS341 No. 3
300 Bar - NEVOC CEN 1

Shoulder colour:

Black (RAL 9005)



Product Specifications

Global purity (% Vol. abs) Ar	Impurities (ppm mol)	Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,998 %	N ₂ ≤ 6	Cylinder	10L	230 bar	2,43 m3	P1601S10R4A001
	H ₂ O ≤ 3	Cylinder	20L	230 bar	4,92 m3	P1601M20R4A001
	O ₂ ≤ 3	Cylinder	50L	200 bar	10,67 m3	P1601L50R2A001
	CO ₂ ≤ 1	Cylinder	50L	230 bar	12,29 m3	P1601L50R4A001
	HC ≤ 1	Cylinder	50L NEVOC	300 bar	15,02 m3	P1601L50z3A001
		Bundle	V06*50L	230 bar	72,84 m3	P1601V06R4A001
		Bundle	V06*50L	300 bar	90,12 m3	P1601V06R3A001
		Bundle	V14*47L	200 bar	140,4 m3	P1601V14Z2A001
		Bundle	V12*50L	230 bar	145,68 m3	P1601V12R4A001
		Bundle	V12*50L	300 bar	180,24 m3	P1601V12R3A001
		Bundle	V16*50L	230 bar	196,64 m3	P1601V16R4A001
		Bundle	V16*50L	300 bar	240,32 m3	P1601V16R3A001

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