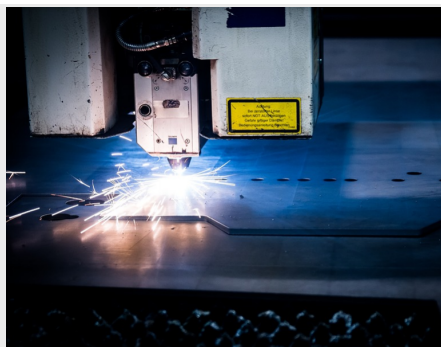


OXYGEN / O₂



PAUWELS

gassen, lassen & gereedschappen

Applications

Oxidizing agent
Bleaching agent
Fuel cutting
Silicon oxidation (semiconductor manufacturing)

Transport information

Compressed gas cylinders

Proper shipping name	Oxygen, compressed
UN-Nr	1072
ADR/RID	Class 2
	Classification code 1 0

Refrigerated Gases

Proper shipping name	Oxygen, refrigerated liquid
UN-Nr	1073
ADR/RID	Class 2
	Classification code 3 0



Physical information

Molecular weight	32 g/mol
Relative density:	
Relative density, gas	1.1 (air=1)
Relative density, liquid	1.1 (water=1)
Relative density, liquefied Gas	1.1 (water=1)
Colour	Colorless
Odor	Odorless
CAS number	7782-44-7

Properties

Hazards identification: May cause or intensify fire; Oxidizing agent
Contains cooled gas; may cause cryogenic burns or injury.

Flammability range: Supports combustion vigorously (violent reaction); may cause ignition of combustible materials

Personal protection: When handling the product avoid oxygen-enriched atmospheres (> 21%). For full and more detailed information, please consult the Material Safety Data Sheet (MSDS).



Cylinder equipment

Valve fittings
Cylinder: A1 - IS 22.9 x 1.814 right-hand female
Bundle: IS 33 * 2.50 right-hand male
Shoulder colour: White (RAL 9010)



Product Specifications

Global purity (% Vol. abs) O ₂	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,5 %	H ₂ O (5 bar) ≤ 200	Cylinder	M20	200 bar	4.2 m ³	I1001M20R2A001
		Cylinder	L50	200 bar	10.6 m ³	I1001L50R2A001
		Cylinder	L50 ALTOP	200 bar	10.6 m ³	I1001L50A2A001
		Bundle	V09	200 bar	96 m ³	I1001V09R2A001
		Bundle	H27	200 bar	290 m ³	I1001H27R2A001
		Liquid	-			I1100RG

PAUWELS
gassen, lassen & gereedschappen

Bredastraat 105
2060 Antwerpen

info@pauwelsantwerpen.be

T. 032334353