Technical Sheet

Medical Oxygen

Description

Medical oxygen is considered to be non-toxic at atmospheric pressure. It is a colourless, odourless and tasteless gas.

Applications

- Medical oxygen gas is essential for human respiration. In Anaesthesia, medical oxygen functions as a carrier gas for the delivery of anaesthetics agents to the tissues of the body. In Respiratory Therapy, medical oxygen is administered to increase its amount and thus decrease the amount of other gases circulating in the blood.
- Medical oxygen is also widely used in high altitude and underwater breathing, and hyperbaric chambers.

Hazard statement(s)

- May cause or intensify fire; oxidizer.
- Contains gas under pressure; may explode if heated.

Prevention statement(s)

- Keep/Store away from clothing/incompatible materials/combustible materials.
- Keep reduction valves free from grease and oil.

Response statement(s)

- In case of fire: Stop leak if safe to do so.

Storage statement(s)

- Protect from sunlight. Store in a well-ventilated place.

Other hazards

- No information provided.
- Do not open the cylinder valve before the regulator is connected.

Signal Word:	Danger
UN No.:	1072
Hazard No.:	2(S)
Chem Symbol:	O_2

Pictograms:

Technical Sheet

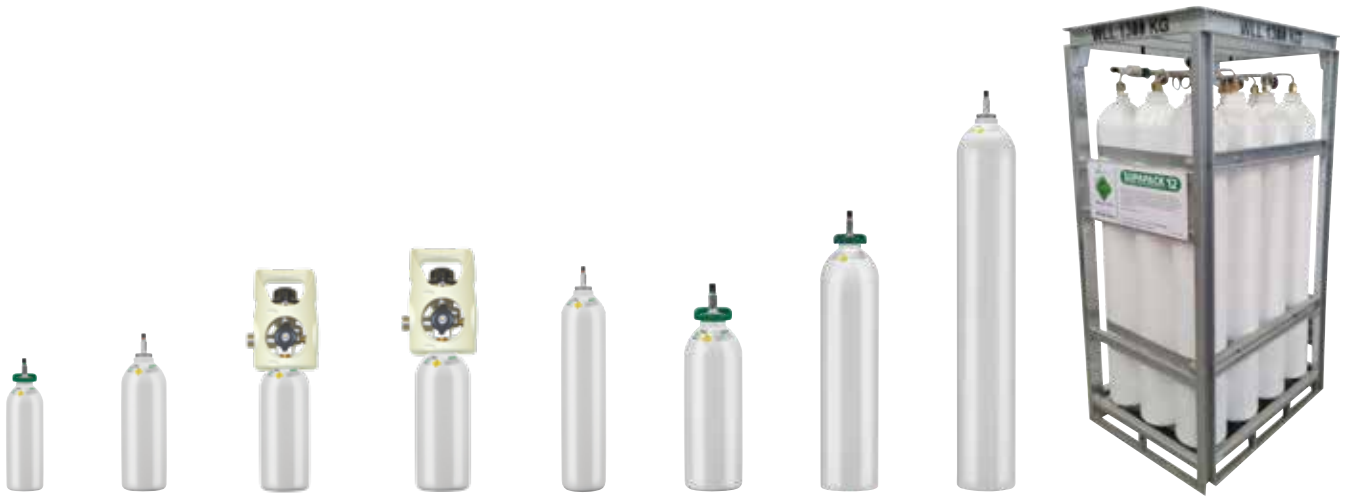
Medical Oxygen

General Specifications

Specifications	B Cyl.	C Cyl.	CR Cyl.	CXR Cyl.	CL Cyl.	D Cyl.	E Cyl.	G Cyl.	12 Pack
Cylinder/Pack - L (101.325kPa @15°C)	275	470	410	620	760	1,700	4,000	10,300	123,600
Water capacity per cylinder - L	1.7	2.9	3.36	6.43	4.92	10	23	50	600
Cylinder Colour	White								
Outlet Connection	Pin Index								
Package Dimensions - mm (H x W x D)	365 x 110	515 x 110	570 x 110	590 x 130	740 x 110	645 x 180	880 x 204	1,510 x 230	1,900 x 780 x 1,020

Cylinder dimensions are approximate – variations may occur due to manufacturing tolerances.
Height includes the valve. Container sizes may vary from state to state.

Package Sizes Available



Typical Analysis

Product Type	O_2	CO_2	CO	Moisture
Medical Grade	>99.5%	<300ppm	<5ppm	<67ppm