



Medical oxygen

Product data sheet - Steel cylinders

Nippon Gases holds the necessary regulatory requirements and licences for the production and sale of medical gases. The requirements are mainly defined by the Medicines Regulations of 2009. Our gases for medical use are manufactured in accordance with "Good manufacturing Practice - Medicinal gases" (cGMP), and are distributed to the customer in accordance with "Good Distribution Practice (cGDP).



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Technical data:

Cylinder material:	Steel
Valve:	DIN 477 nr. 6
Filling pressure max:	200 bar
Temperature application range:	- 20°C / + 45°C
Cylinder colour:	White cylinder and white shoulder
Transportcode:	UN 1072
Expiry:	3 years

Safety instructions for use and handling:

- Medical gases must only be used for medical purposes. Cylinders must be stored in ventilated rooms and not exposed to high heat.
- Only use equipment certified for medical gases.
- Smoking and open fires are absolutely forbidden in rooms where our gases are used.
- Never allow oil or grease to come into contact with the equipment.
- Check that the bottles are sealed and remove the seal from the valve before use.
- Check that the automatic coupling or regulator is clean and that the connections are in good condition.
- Never use tools on a pressure/flow regulator that is intended for manual connection. There is a risk that tools might damage the regulator.
- Always open the bottle valve slowly, and open it at least half a turn.
- Leak checks are carried out in accordance with the instructions supplied with the regulator. Do not attempt to deal with leaks from the valve or equipment on your own apart from replacing the gasket or O-ring.
- If a leak is detected, close the valve and disconnect the regulator. Label the bottle as defective and return to the supplier.
- It is important to leave a pressure of about 2 bar in the bottle to protect it from contamination. Close the cylinder valve by hand after use. Then relieve the pressure in the regulator or other connection.
- In the event of fire or risk of fire, close the bottle valve if possible.

Cylinder size	1 L	2,5 L	10 L	20 L	20 L IPR	50 L
						
Item number gas	502440	500488	500490	500491	503393	500492
Item number day rent	800497	800497	800083	800083	800474	800083
Height incl. valve (mm)	350	520	960	940	1005	1650
Diameter (mm)	80	100	140	210	35,5	230
Weight incl. gas (kg)	2,0	4,5	15	31	31	79
Volume of gas (L)	200	500	2000	4000	4000	10000

Nippon Gases reserves the right to make changes to this specification as a result of legal requirements, raw materials, production process, etc. For safety data sheets or other information see our website www.nippongases.no

