

PRODUCT TECHNICAL SHEET

ENTONOX (N₂O + O₂)

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Ref. No.: PS060





ENTONOX is a homogenous gas mixture containing 50% nitrous oxide IP by volume and 50% oxygen IP by volume contained in a cylinder. It provides the analgesic properties of nitrous oxide and has the advantage of extra oxygen without causing loss of consciousness. It is a widely used pain relief method that can be used for acute and short-term pain relief in a variety of clinical settings, from painful surgery to childbirth.

Hazards
All cylinders are portable gas containers, and must be regarded as pressure vessels at all times
Entonox is non flammable, but readily supports combustion
Never permit oil, grease or other readily combustible substance to come into contact with high concentrations of Entonox

Gas Composition	
Nitrous Oxide	50% ± 2%
Oxygen	50% ± 2%



Medical Entonox Kit

Transport/ Storage Information	
	
UN No 3156	Class 2.2
Do not allow cylinders to slide or come into contact with sharp edges	
Cylinders of Entonox should not be stored near combustible gases	
Entonox cylinders may be stacked horizontally provided that they are firmly secured at each end to prevent rolling	
Prevent dirt, grit of any sort, oil or any other lubricant from entering the cylinder valves, and store cylinders well clear of any corrosive influence, e.g. battery acid	
Use a "first in - first out" inventory system	

Uses and Features
Exclusively for the relief of pain in a controlled setting by a healthcare professional
Entonox is a ready-to-use medical gas mixture consisting of 50% nitrous oxide and 50% oxygen
During a painful procedure like childbirth, when the emphasis is on delivering relief from pain and discomfort with minimal sedation, Entonox is a commonly used technique
It is fast acting, self-regulated, and disperses rapidly from the body following cessation of inhalation.
Entonox is fast and effective – the onset of pain relief is gained within a minute – any effects wear off rapidly

Cylinder Information						
Colour Coding	Cylinder Capacity		Pressure @ 20°C (Bar)	Cylinder Dimension		Valve Outlet Connection
	M ³	CUFT		Height (mm)	Diameter (mm)	
French blue and white quadrants on the shoulder	0.4	15	140	520	100	Pin Index
	3.2	114	140	1130	160	

Nb: Other cylinders capacity and dimension also are available – Dimensions are given as an indication and can differ

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