



Industrial oxygen

Gas code	SG020
Gas composition	99.5% oxygen
Cylinder identification	Cylinder colour (to AS 4484): Black body, shoulder and neck

Description

- ▶ Colourless and odourless
- ▶ Does not burn, but supports and accelerates combustion
- ▶ Non-toxic at atmospheric pressure



Used for

- ▶ Widely used with a fuel gas for cutting, welding, brazing and soldering. The use of oxygen gives higher flame temperatures than if air is used
- ▶ Vigorously supports combustion. Introducing oxygen to conventional air-fuel flames increases the temperature of the flame
- ▶ Used as an ingredient in some shielding gas mixtures, due to its ability to help stabilise the arc and reduce surface tension
- ▶ Used as an assist gas in lasers for cutting mild steel

Cylinder size	Cylinder content (sm ³)	Gauge Pressure (1KPA @ 15°C)	Outlet Connection
G2	8.9	20,000	AS 2473 Type 10
E2	4.1	20,000	AS 2473 Type 10

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