



## Product Specification

### OXYGEN ( O<sub>2</sub> )

**General Characteristics:** A colorless, non-flammable and odorless gas. Sustains combustion of many materials which normally cannot burn in air.

**Health Hazards:** Increases the combustion rate when compared to air.

Gas Grade/Purity	Cylinder Size	Contents	Product Code
Ultra High Purity Min. Purity: 99.999% H <sub>2</sub> O < 2 ppm, Ar < 3.5 ppm, THC < 0.5 ppm, N <sub>2</sub> < 1 ppm, CO + CO <sub>2</sub> < 1 ppm	51 L (2900 psig)	10.2 m <sup>3</sup>	O25N200S
	44 L	6.2 m <sup>3</sup>	O25N137R
	10 L	1.5 m <sup>3</sup>	O25N137G
High Purity Min. Purity: 99.7% H <sub>2</sub> O < 5 ppm, CO <sub>2</sub> < 2 ppm, CO < 1 ppm, Ar + N <sub>2</sub> < 0.3%	51 L (2900 psig)	10.2 m <sup>3</sup>	O22N7200S
	44 L	6.2 m <sup>3</sup>	O22N7137R
	10 L	1.5 m <sup>3</sup>	O22N7137G
Industrial Min. Purity: 99.5% H <sub>2</sub> O < 200 ppm, Ar + N <sub>2</sub> < 0.5%	51 L (2900 psig)	10.2 m <sup>3</sup>	O22N5200S
	44 L	6.2 m <sup>3</sup>	O22N5137R
	10 L	1.5 m <sup>3</sup>	O22N5137G
Medical Min. Purity: 99.5% H <sub>2</sub> O < 70 ppm, CO <sub>2</sub> < 100 ppm, CO < 5 ppm,	40 L	5.5 m <sup>3</sup>	O23NM40R
	10 L	1.5 m <sup>3</sup>	O23NM10G
	ME	680 L	O23NM10
	MD	425 L	O23NMD
	M9	255 L	O23NM9

### Cylinder Specification

Cylinder Size	Cylinder Dimension Diameter x Height	Connection	Content
51 L	23 cm x 150 cm approx.	BS 341 No.3	Net content : 10200L Pressure@70°F: 2900 psig
44 L	23 cm x 130 cm approx.	BS 341 No.3	Net content : 6200L Pressure@70°F: 2000 psig
40 L	23 cm x 110 cm approx.	CGA 870	Net content : 5500L Pressure@70°F: 2000 psig
10 L	18 cm x 60 cm approx.	BS 341 No.3	Net content : 1500L Pressure@70°F: 2000 psig
ME	11 cm x 64 cm approx.	CGA 870	Net content : 680L Pressure@70°F: 2000 psig
MD	11 cm x 41 cm approx.	CGA 870	Net content : 425L Pressure@70°F: 2000 psig
M9	11 cm x 27 cm approx.	CGA 870	Net content : 255L Pressure@70°F: 2000 psig

### Technical Information

Molecular Weight .....	32.00	Dot Name .....	Oxygen
Specific Volume .....	12.1CF/lb	UN No. ....	UN1072
Fire Potential .....	Strong Oxidizer	Dot Class .....	2.2
TLV-TWA .....	Non - established	Dot Label.....	Oxidizer
CGA Valve .....	540	Cas Registry .....	7782-44-7
LB .....	180		



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