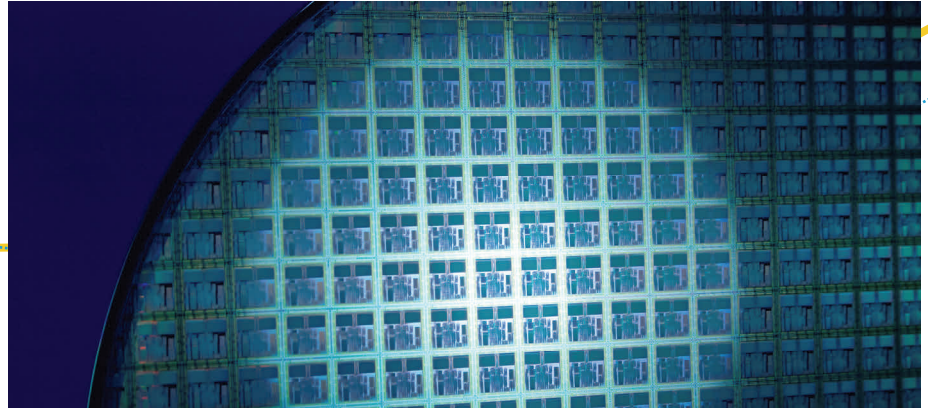


# Oxygen (O<sub>2</sub>)

VLSI Grade

Total Purity  $\geq 99.998\%$



VLSI Grade Oxygen (99.998%) is our standard high purity grade for semiconductor process applications. Oxygen is a colorless, odorless, oxidizing compressed gas.

### Vapor Phase Impurities

|                                   |            |
|-----------------------------------|------------|
| Nitrogen (N <sub>2</sub> )        | ≤ 5.0 ppmv |
| Argon (Ar)                        | ≤ 5.0 ppmv |
| Carbon Dioxide (CO <sub>2</sub> ) | ≤ 0.5 ppmv |
| Carbon Monoxide (CO)              | ≤ 1.0 ppmv |
| Krypton (Kr)                      | ≤ 2.0 ppmv |
| Total Hydrocarbons (THC)          | ≤ 0.2 ppmv |
| Water (H <sub>2</sub> O)          | ≤ 0.5 ppmv |

### Standard Package Information

|                             |      |
|-----------------------------|------|
| Cylinder Size               | A    |
| Fill Weight (lbs)           | 55   |
| Valve Connection (CGA/DISS) | 540  |
| Cylinder Dimensions (in)    | 9x55 |

The information contained herein is offered without charge for use by technically qualified personnel at their discretion and risk. All statements, technical information and recommendations contained herein are based on tests and data which we believe to be reliable, but the accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto.

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