



# Pure Gas

## CARBON MONOXIDE

colorless, odorless, toxic

| Technical Information |                   |
|-----------------------|-------------------|
| Chemical Symbol       | CO                |
| Specific Volume       | 13.8 scf/lb       |
| CAS Number            | 630-08-0          |
| Molecular Weight      | 28.01             |
| LEL / UEL in Air      | 12.5% / 75% (vol) |

| Shipping Information |                             |
|----------------------|-----------------------------|
| US DOT Name          | Carbon Monoxide, Compressed |
| Hazard Class         | 2.3 (2.1)                   |
| Label                | Toxic Gas, Flammable Gas    |
| I.D. Number          | UN 1016                     |

| Grade      | Carbon Monoxide 4.0  |
|------------|--|
| Impurities | Argon < 10 ppm<br>Hydrogen < 25 ppm<br>Nitrogen < 60 ppm<br>Oxygen < 0.1 ppm<br>Total Hydrocarbons < 1 ppm<br>Carbon Dioxide < 5 ppm<br>Moisture < 1 ppm |

| Grade      | Carbon Monoxide 3.0   |
|------------|---|
| Impurities | Argon < 15 ppm<br>Hydrogen < 50 ppm<br>Nitrogen < 500 ppm<br>Oxygen < 1 ppm<br>Total Hydrocarbons < 1 ppm<br>Carbon Dioxide < 700 ppm<br>Moisture < 2 ppm |

| Grade      | Carbon Monoxide 2.5   |
|------------|---|
| Impurities | Argon < 200 ppm<br>Hydrogen < 10 ppm<br>Nitrogen < 2500 ppm<br>Oxygen < 5 ppm<br>Total Hydrocarbons < 15 ppm<br>Carbon Dioxide < 25 ppm<br>Moisture < 5 ppm |

| Grade      | Carbon Monoxide 2.0   |
|------------|---|
| Impurities | Argon < 3000 ppm<br>Hydrogen < 10 ppm<br>Nitrogen < 4500 ppm<br>Oxygen < 5 ppm<br>Total Hydrocarbons < 15 ppm<br>Carbon Dioxide < 100 ppm<br>Moisture < 5 ppm |

| Standard Cylinder Size | Contents (ft <sup>3</sup> ) | Pressure (psig) | CGA Connection |
|------------------------|-----------------------------|-----------------|----------------|
| T                      | 244                         | 2000            | 350            |
| K                      | 181                         | 1660            | 350            |