

A colorless, odorless, nonflammable, inert, rare gas.

## Krypton

| Technical Information: |   |
|------------------------|---|
| Chemical Symbol:       | Kr  |
| Molecular Weight:      | 83.80   |
| Specific Volume        | 4.6 ft <sup>3</sup> /lb (0.29 m <sup>3</sup> /kg) |
| CAS Registry Number:   | 7439-90-9   |

| Shipping Information: |                     |
|-----------------------|---------------------|
| DOT Proper Name:      | Krypton, Compressed |
| Hazard Class:         | 2.2                 |
| I.D. Number:          | UN 1056             |
| Labels:               | Nonflammable Gas    |

| Grade                 | Part No.  | Purity  | Impurity  | Specification  | Equipment Recommended      |
|-----------------------|-----------|---------|---|--|----------------------------|
| <b>PurityPlus 5.0</b> | KRY-50-XX | 99.999% | Nitrogen<br>Oxygen<br>Hydrogen<br>CO/CO <sub>2</sub><br>Tetrafluoromethane<br>Total Hydrocarbons<br>Moisture<br>Xenon<br>Total Impurities | < 10 ppm   | 300 series brass regulator |
| <b>PurityPlus 4.5</b> | KRY-45-XX | 99.995% | Nitrogen<br>Oxygen<br>Hydrogen<br>CO/CO <sub>2</sub><br>Tetrafluoromethane<br>Total Hydrocarbons<br>Moisture<br>Xenon                     | < 10 ppm<br>< 2 ppm<br>< 1 ppm<br>< 1 ppm<br>< 1 ppm<br>< 1 ppm<br>< 1 ppm<br>< 20 ppm | 300 series brass regulator |
| <b>PurityPlus 2.0</b> | KRY-20-XX | > 99%   | Total Impurities  | < 1.0%   | 300 series regulator       |

XX - Complete the part number with the desired cylinder size listed below. (ie. KRY-50-300)

| Standard Cylinder Sizes * | Contents liters | Cylinder Pressure PSIG | CGA Valve Connection |
|---------------------------|-----------------|------------------------|----------------------|
| 300                       | 10,000          | 2100                   | 580                  |
| 200                       | 5000            | 1400                   | 580                  |
| 80                        | 2500            | 1700                   | 580                  |
| LB                        | 100             | 760                    | 580/110              |

\*Nonstandard cylinder sizes available upon request