

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

| Technical Information: | |
|------------------------|---|
| Chemical Symbol: | Kr |
| Molecular Weight: | 83.80 |
| Specific Volume | 4.6 ft ³ /lb (0.29 m ³ /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 |
|-----------------------|-----------|---------|---|--|---|
| PurityPlus 5.0 | KRY-50-XX | 99.999% | Nitrogen Oxygen Hydrogen CO/CO ₂ Tetrafluoromethane Total Hydrocarbons Moisture Xenon Total Impurities | < 10 ppm | 300 series brass regulator see page 4.12 |
| PurityPlus 4.5 | KRY-45-XX | 99.995% | Nitrogen Oxygen Hydrogen CO/CO ₂ Tetrafluoromethane Total Hydrocarbons Moisture Xenon | < 10 ppm < 2 ppm < 1 ppm < 1 ppm < 1 ppm < 1 ppm < 1 ppm < 20 ppm | 300 series brass regulator see page 4.12 |
| PurityPlus 2.0 | KRY-20-XX | > 99% | Total Impurities | < 1.0% | 300 series regulator see page 4.12 |

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