

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
5.0	KRY-50-XX	99.999%	Nitrogen Oxygen Hydrogen CO/CO <sub>2</sub> Tetrafluoromethane Total Hydrocarbons Moisture Xenon Total Impurities	< 10 ppm	300 series brass regulator
4.5	KRY-45-XX	99.995%	Nitrogen Oxygen Hydrogen CO/CO <sub>2</sub> 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
2.0	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