

## Neon

A colorless, odorless, nonflammable, inert gas.

| Technical Information: |                                                    |
|------------------------|----------------------------------------------------|
| Chemical Symbol:       | Ne                                                 |
| Molecular Weight:      | 20.18                                              |
| Specific Volume        | 19.2 ft <sup>3</sup> /lb (1.19 m <sup>3</sup> /kg) |
| CAS Registry Number:   | 7440-01-9                                          |

| Shipping Information: |                  |
|-----------------------|------------------|
| DOT Proper Name:      | Neon, Compressed |
| Hazard Class:         | 2.2              |
| I.D. Number:          | UN 1065          |
| Labels:               | Nonflammable Gas |

| Grade                                        | Part No.  | Purity  | Impurity                                                                   | Specification                                                    | Equipment Recommended                                       |
|----------------------------------------------|-----------|---------|----------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------|
| <b>PurityPlus 5.0</b><br>(Ultra High Purity) | NEO-50-XX | 99.999% | Helium<br>Nitrogen<br>Oxygen<br>Moisture<br>Hydrogen<br>Total Hydrocarbons | < 8 ppm<br>< 4 ppm<br>< 1 ppm<br>< 1 ppm<br>< 1 ppm<br>< 0.5 ppm | 300 series brass regulator<br><a href="#">see page 4.12</a> |

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

| Standard Cylinder Sizes * | Contents liters | Cylinder Pressure PSIG | CGA Valve Connection |
|---------------------------|-----------------|------------------------|----------------------|
| 300                       | 7500            | 2400                   | 580                  |
| 200                       | 6000            | 2200                   | 580                  |
| 80                        | 2000            | 1775                   | 580                  |
| LB                        | 100             | 770                    | 580/110              |

\*Nonstandard cylinder sizes available upon request