

Sulfur Hexafluoride

A colorless, odorless, liquefied gas.

| Technical Information: | |
|------------------------|--|
| Chemical Symbol: | SF ₆ |
| Molecular Weight: | 146.05 |
| Specific Volume | 2.50 ft ³ /lb (0.16 m ³ /kg) |
| CAS Registry Number: | 2551-62-4 |

| Shipping Information: | |
|-----------------------|---------------------|
| DOT Proper Name: | Sulfur Hexafluoride |
| Hazard Class: | 2.2 |
| I.D. Number: | UN 1080 |
| Labels: | Nonflammable Gas |

| Grade | Part No. | Purity | Impurity | Specification | Equipment Recommended |
|----------------|-----------|---------|---|---|---|
| PurityPlus 5.0 | SF6-50-XX | 99.999% | Air Tetrafluoromethane Moisture | < 6 ppm < 2 ppm < 2 ppm | 300 series brass regulator see page 4.12 |
| PurityPlus 4.0 | SF6-40-XX | 99.99% | Air Tetrafluoromethane Moisture Oil Acidity (as HF) | < 50 ppm < 40 ppm < 5 ppm < 2 ppm < 0.3 ppm | 300 series brass regulator see page 4.12 |
| PurityPlus 3.0 | SF6-30-XX | 99.9% | Air Tetrafluoromethane Moisture Oil Acidity (as HF) | < 300 ppm < 300 ppm < 8 ppm < 5 ppm < 0.3 ppm | 200 series brass regulator see page 4.8 |

XX - Complete the part number with the desired cylinder size listed below. (ie. SF6-50-200)

| Standard Cylinder Sizes * | Contents lbs | Cylinder Pressure PSIG | CGA Valve Connection |
|---------------------------|--------------|------------------------|----------------------|
| 200 | 115 | 320 | 590 |
| 80 | 35 | 320 | 590 |
| 30 | 10 | 320 | 590 |

*Nonstandard cylinder sizes available upon request