

Nitrogen Trifluoride

A toxic, colorless, odorless, nonflammable gas

TECHNICAL INFORMATION

| | |
|---------------------|--|
| Chemical Symbol | NF ₃ |
| Molecular Weight | 71. |
| Specific Volume | 5.043 ft ³ /lb (0.337 m ³ /kg) |
| CAS Registry Number | 7783-54-2 |

SHIPPING INFORMATION

| | |
|-----------------|----------------------------------|
| DOT Proper Name | Nitrogen Trifluoride, Compressed |
| Hazard Class | 2.2 |
| ID Number | UN 2451 |
| Labels | Nonflammable Gas, Oxidizer |

CYLINDER SIZES AVAILABLE

| Std. Cylinder Sizes* | Contents | Cylinder Pressure (PSIG) | CGA Valve Connection |
|----------------------|----------|--------------------------|----------------------|
| 200 | 44 | 1450 | 330 |
| | | | |
| | | | |
| | | | |

*Nonstandard cylinder sizes available upon request

Specifications Subject to Change Call to Confirm

| Grade | Purity | Impurity | Specifications | Equipment Recommended |
|-------|--------|---|---|-------------------------|
| 4.0 | 99.99% | Oxygen/Argon Nitrogen Tetrafluoromethane Carbon Dioxide Nitrous Oxide Sulfur Hexafluoride Moisture Hydrogen Fluoride Carbon Monoxide Methane | <5ppm <5ppm <40ppm <3ppm <3ppm <5ppm <1ppm <1ppm <1ppm <1ppm | Call for Recommendation |
| | | | | |
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This information in no way replaces the Safety Data Sheets (SDS) for use and safety standards.
Please refer to the SDS for details.

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