

A toxic, colorless, odorless, nonflammable gas.
Nitrogen Trifluoride

Technical Information:	
Chemical Symbol:	NF ₃
Molecular Weight:	71.00
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
I.D. Number:	UN 2451
Labels:	Nonflammable Gas, Oxidizer

Grade	Part No.	Purity	Impurity	Specification	Equipment Recommended
PurityPlus 4.0	NTF-40-XX	99.99%	Oxygen/Argon Nitrogen Tetrafluoromethane Carbon Dioxide Nitrous Oxide Sulfur Hexafluoride Moisture Hydrogen Fluoride Carbon Monoxide Methane	< 5 ppm < 5 ppm < 40 ppm < 3 ppm < 3 ppm < 5 ppm < 1 ppm < 1 ppm < 1 ppm < 1 ppm	300 series brass regulator see page 4.12

XX - Complete the part number with the desired cylinder size listed below. (ie. NTF-40-200)

Standard Cylinder Sizes *	Contents lbs	Cylinder Pressure PSIG	CGA Valve Connection
200	44	1450	330

*Nonstandard cylinder sizes available upon request