

Halocarbon 14 (Tetrafluoromethane)

CF₄

Grade	Semicon 3N5	ULSI 5N
Purity, %	99.95	99.999
Oxygen	≤100 ppmv	
Nitrogen	≤400 ppmv	
Carbon Dioxide	≤10 ppmv	(+CO) ≤1 ppmv
Carbon Monoxide	≤20 ppmv	
Other Halocarbons		≤2.0 ppmv
Water	≤10 ppmv	≤2.0 ppmv
Air		≤5.0 ppmv
Sulfur Hexafluoride		≤1.0 ppmv
Acidity as HF		≤1.0 ppmv

- A lot analysis is provided for each order. – Individual analysis is also available upon request.
- Pneumatic valves and JIS connections are available upon request.

CYLINDER	Internal Volume	Liters	43.8
	Cylinder Sizes >>		QF/QA/QB
	Content	lbs	70
		kg	31.82

SHIP	DOT Shipping Name	Compressed Gas NOS (Tetrafluoromethane)	UN Number	UN 1982	Shipped as
	DOT Classification	2.2 (Non-Flammable Gas)	ECCN #	EAR99	Compressed Gas
	DOT Label	NON-FLAMMABLE GAS	Harmonized #	2903.30.2010	

TECHNICAL DATA	Cylinder Pressure	2,000 psig
	@NTP	141.6 atm
	Specific Volume	0.27 m ³ /kg
	@NTP	4.4 ft ³ /lb
	CAS No	75-73-0
	CGA/DISS/JIS	320/716/W22-14L
Molecular Weight	88.00 g/mol	

Critical Temperature	-45.6°C	-50.2°F
Critical Pressure	38.1 atm	542.3 psia

NTP = 21°C or 70°F and 101.3 kPa or 1 atm

Cylinder	Treatment	Nominal Diameter (OD)xHeight*		Material of Construction	
		cm	Inches	Cylinder	Valve
QF	ULTRA-LINE®	23x130/134/143	9x51/52.5/56	CS	SS
QA	ULTRA-LINE®	23x130/134/143	9x51/52.5/56	CS	Brass
QB	ULTRA-LINE II®	23x130/134/143	9x51/52.5/56	CS	SS

*Height is reported as the distance from the bottom of the cylinder to the cylinder neck/ center of the valve outlet/ top of the handwheel
CS: Carbon Steel SS: Stainless Steel

⚠ WARNING: This product can expose you to chemicals including Carbon Monoxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

