Halocarbon 14 (Tetrafluoromethane)

CF_₄

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	
	'n	DOT Classification	2.2 (Non-Flammable Gas)	ECCN#	EAR99	Compressed
	DOT Label	NON-FLAMMABLE GAS	Harmonized #	2903.30.2010	Gas	

	Cylinder Pressure	2,000 psig
DATA	@NTP	141.6 atm
	Specific Volume	0.27 m³/kg
<u>8</u>	@NTP	4.4 ft³/lb
IECHN	CAS No	75-73-0
Ħ	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

		Nominal Diameter (OD)xHeight*		Material of Construction	
Cylinder	Treatment	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

 \triangle 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.

