



# HALOCARBON 14 CF<sub>4</sub>

[Synonyms: Tetrafluoromethane; Carbon Tetrafluoride]

*Colorless, nonflammable gas.*

## SHIPPING INFORMATION

D.O.T. Proper Shipping Name: Tetrafluoromethane  
 I.D. Number: UN1982  
 Hazard Class: 2.2  
 Shipping Labels: Nonflammable Gas

## TECHNICAL INFORMATION

Molecular Weight: 88.01 g/mol  
 Specific Volume: 4.4 ft<sup>3</sup>/lb.  
 CAS Registry: 75-73-0  
 Safety Data Sheet Reference: Halocarbon 14

## PRODUCT GRADE SPECIFICATIONS

Grade Name	Grade	Minimum Purity	Grade Code	Catalog Number <sup>1</sup>	Maximum Impurity Specifications in PPM by Volume <sup>2</sup> (unless otherwise specified)
					Sum of all Impurities <sup>3</sup>
Semiconductor	5.0	99.999%	SC	SG TESC-	< 10 PPM

### Notes:

- <sup>1</sup> Complete the catalog number by selecting cylinder size code using chart below. Except for Disposables, "SG" will be replaced with "DSP".  
<sup>2</sup> Specifications are typical results and are subject to change without notice.  
<sup>3</sup> Product sold on the basis of total impurities. Individual impurities may vary slightly.

## CYLINDER INFORMATION

Cylinder Size	Cylinder Code	Volume lbs. <sup>4</sup>	Pressure (PSIG) @ 70° F.	Valve Connection CGA <sup>5</sup>	Gross Weight (lbs.)
<b>High Pressure Steel Cylinders</b>					
300	T	78	2000	580	239
200	K	70	2000	580	221
80	Q	25	2000	580	81
35	G	10	2000	580	43
<b>Disposable Non-Refillable Cylinders</b>					
Lecture Bottle	LB*	227 grams	1800	*170 or 580	7

### Notes:

- <sup>4</sup> This product is sold by the cylinder. Fill volumes are approximate and may vary slightly depending on the cylinder manufacturer's specifications.  
<sup>5</sup> Common CGA connection in a standard high pressure rental cylinder is a CGA 580, but also available in a CGA 320 upon request only. Except lecture bottles.

*Contact your WestAir representative about equipment recommendations for this product.*