



HALOCARBON 23

[Synonyms: Trifluoromethane; Fluoroform]



Colorless, nonflammable gas, liquefied gas with a slight ethereal odor.

SHIPPING INFORMATION

D.O.T. Proper Shipping Name: Trifluoromethane
I.D. Number: UN1984
Hazard Class: 2.2
Shipping Labels: Nonflammable Gas

TECHNICAL INFORMATION

Molecular Weight: 70.02 g/mol
Specific Volume: 5.59 ft³/lb.
CAS Registry: 75-46-7
Safety Data Sheet Reference: Halocarbon 23

PRODUCT GRADE SPECIFICATIONS

Grade Name	Grade	Minimum Purity	Grade Code	Catalog Number ¹	Maximum Impurity Specifications in PPM by Volume ² (unless otherwise specified)
					Sum of all Impurities ³
Semiconductor	5.0	99.999%	SC	SG R23SC-	< 10 PPM

Notes:

¹ Complete the catalog number by selecting cylinder size code using chart below. Except for Disposables, "SG" will be replaced with "DSP".

² Specifications are typical results and are subject to change without notice.

³ Product sold on the basis of total impurities. Individual impurities may vary slightly.

CYLINDER INFORMATION

Cylinder Size	Cylinder Code	Volume lbs. ⁴	Pressure (PSIG) @ 70° F.	Valve Connection CGA	Gross Weight (lbs.)
High Pressure Steel Cylinders					
200	K	70	635	660	221
80	Q	20	635	660	76
35	G	9	635	660	42
Disposable / Portable Cylinders					
Lecture Bottle	LB*	227 grams	635	*170 or *660	7

Notes:

⁴ This product is sold by the cylinder. Fill volumes are approximate and may vary slightly depending on the cylinder manufacturer's specifications.

Contact your WestAir representative about equipment recommendations for this product.