



# 1,1,1,2-Tetrafluoroethane (CH<sub>2</sub>FCF<sub>3</sub>)

## Specifications

	GRADE 2.5
Purity	99.5%
Chloride	< 3 ppmv
High Boiling Residue	< 0.01%
Non-Condensable	< 1.5%
Other Refrigerants	< 0.5 ppmv
Water	< 10 ppmv
Acidity (HCl)	< 1 ppmv
Halogenated Unsaturated Volatile Impurities	< 40 ppmv

*Note: Moisture level guaranteed only when EFC Gases & Advanced Materials prepares the cylinders. All concentrations are on a mol/mol basis unless otherwise stated.*

## Cylinder Sizes

SIZE	FILL WEIGHT (LB)
1/2 Ton	1,000
125 lb	125
30 lb (disposable)	30

## Technical Data

Molecular Weight: 102.04 g/mol  
Specific Volume: 3.7078 cu.ft./lb  
Pressure @ 70°F: 81.3 psig  
Valve Outlet: CGA 660  
1/4 flare (30 lbs)

## Shipping Information

DOT Name: 1,1,1,2-Tetrafluoroethane  
or Refrigerant Gas R-134A  
Hazard Class: 2.2  
DOT Number: UN 3159  
DOT Label: Green, Non-Flammable Gas  
CAS Number: 811-97-2