

Halocarbon 134a CH2FCF3

Synonyms: 1,1,1,2-Tetrafluoroethane, Freon 134A, Suva® Tran A/C, R134a

Physical Constants of Gas

Molecular Weight 102.04
 Vapor Pressure 85.9 psia at 70°F
 Specific Volume 3.7 CF/lb. (0.1 m³/kg)
 Boiling Point -15.7°F (-26.5°C) 1 atm
 Gas Density 70°F 1 atm 4.25 kg/m³

Cylinder Data

CGA Valve Outlet 660, 716

Shipping Data

Shipping Class 70
 DOT/TC Name 1,1,1,2-Tetrafluoroethane
 DOT Class 2.2 (Nonflammable Gas)
 TC Class 2.2 (Nontoxic, Nonflammable Gas)
 WHMIS Class A
 DOT Label Nonflammable Gas
 CAS Registry No. 811-97-2
 UN No./ATA No. UN3159

Safety Information

Can cause rapid suffocation.
 May cause frostbite.

Specifications								Recommended Equipment		
Grade	Purity (Minimum)	Size	Contents		Pressure		Weight		Description Model Number	Page
			lbs.	kg	psig	bar	lbs.	kg		
Electronic Grade 1	99.95%	44	115	52	71	5	235	107	Single-Stage Regulator Q1-213B-(*)	271
		3	15	7	71	5	26	12		

* Specify CGA. Other cylinder connections are also available – please contact your Air Liquide representative.

Most SCOTT™ gas handling and distribution equipment is available for same-day shipping.