

ELECTRONIC GASES

HALOCARBON 14 / OXYGEN MIXTURE

Carbon Tetrafluoride can be diluted with oxygen in order to provide concentration of less than 100%. Using Carbon Tetrafluoride in this form can act as a plasma etchan. Carbon Tetrafluoride mixtures are prepared as ordered. Concentrations other than those listed below are available upon request.

Container Information

CYLINDER CONNECTION: std: CGA-580

DOPING CONCENTRATIONS can be mixed with UHP or VLSI grade balance gases

Oxygen concentration	Cylinder size	Pressure psig @ 70°F	Content ft ³ m ³	
4%	044	500	62	1.74
	016	500	24	0.68
	008	500	9.6	0.27

Oxygen content of above 4%, for example, 8.5%(LFE-DE-100), 17.5%(LFE-PDE-000), 92%(LFE-DS-180) or 97% (LFE-DS-300) are also commonly used.

SHELF LIFE: 1 year

DOT Shipping Information

CARBON TETRAFLUORIDE BALANCE

Conc	Shipping Name	Shipping Papers	Shipping Labels
4%	4% Oxygen/Carbon Tetrafluoride Mixture	Compressed Gases, Nonflammable, nos (4% Oxygen/Carbon Tetrafluoride Mixture) 2.1 UN 1956	Nonflammable Gas