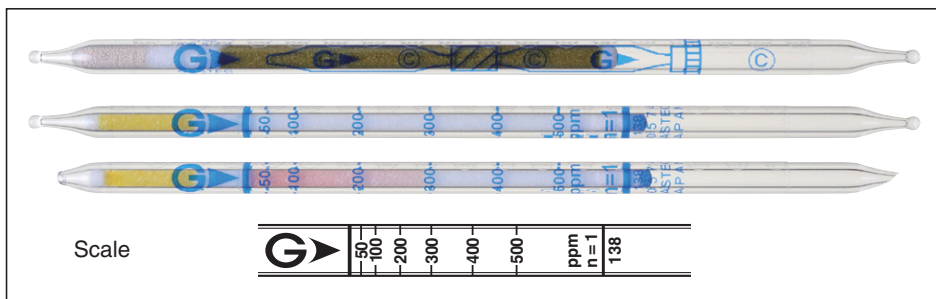


Methylene Chloride CH_2Cl_2

No.138



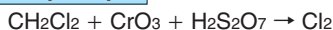
Performance

When used, these tubes are to be connected.

Measuring range	30 to 50 ppm	50 to 500 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)
Correction factor	0.6	1
Sampling time	6 min	3 min

Detecting limit :	10 ppm (2 pump strokes)
Colour change :	White → Pale pink
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used
	Relative humidity 0 to 90 % correction not used
Relative standard deviation :	15 % (for 50 to 100 ppm) , 10 % (for 100 to 500 ppm)
Tube quantity and number of tests per box :	10 tubes for 5 tests
Shelf life :	36 months

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Chlorine, Bromine, Iodine		+	Pale pink
Unsaturated halogenated HCs		+	Pale pink
Saturated halogenated HCs		+	Pale pink

Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Ethyl chloride	Factor : 0.3	1	15 to 150 ppm

Calibration gas generation

Diffusion tube method