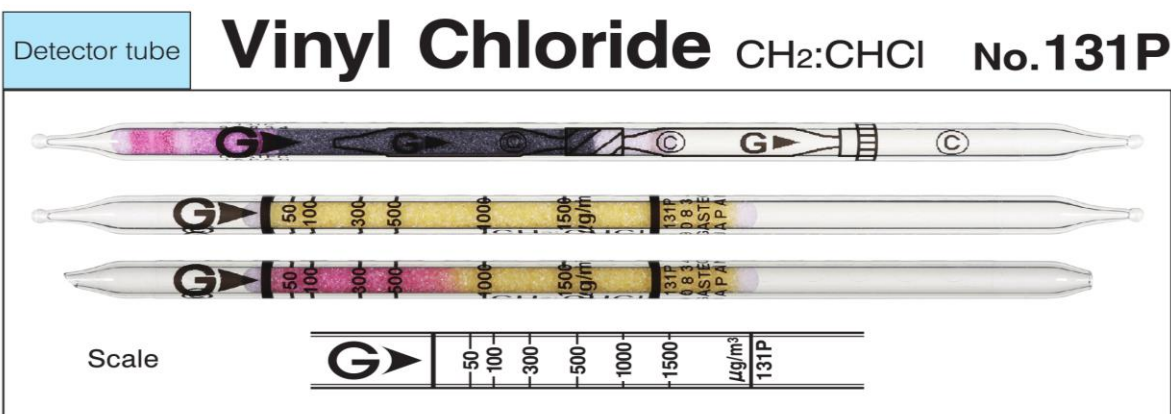




Vinyl Chloride CH₂:CHCl

Part No.:131P

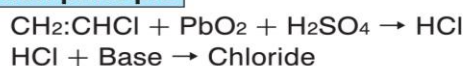


Performance

When used, these tubes are to be connected. See page 2-3.

Measuring range	50 to 1500 µg/m ³
Sampling rate	100 mL/min (3000 mL)
Correction factor	1
Sampling time	30 min
Detecting limit :	10 µg/m ³ (3000 mL)
Colour change :	Yellow → Pale reddish purple
Operating conditions :	Temperature 5 to 35 °C (41 to 95 °F) correction used Relative humidity 20 to 80 % correction not used
Relative standard deviation :	10 % (for 50 to 500 µg/m ³), 5 % (for 500 to 1500 µg/m ³)
Tube quantity and number of tests per box :	10 tubes for 5 tests
Shelf life :	24 months

Reaction principle



Possible coexisting substances and their interferences

Substance	Interference	Changes colour by itself to
Ammonia	No	No
Hydrogen chloride, Chlorine	No	No
Nitrogen oxides	No	No
p-Dichlorobenzene	+	Pale reddish purple
1,2-Dichloroethylene	+	Pale reddish purple
Trichloroethylene	+	Pale reddish purple
Tetrachloroethylene	+	Pale reddish purple
1,1,1-Trichloroethane	No	No
Aromatic hydrocarbons	No	No
Formaldehyde	No	No

Calibration gas generation

Permeation tube method

Special note

In case of outdoor measurement, keep the tube out of direct sunlight.