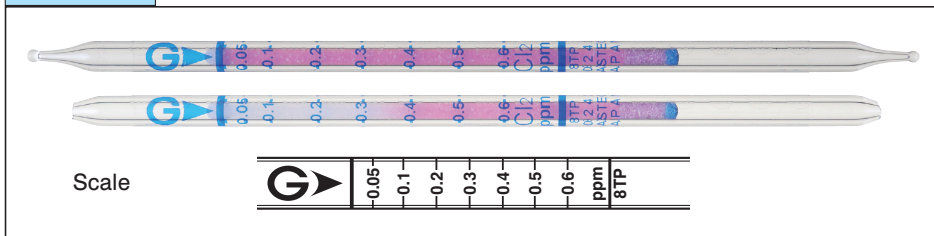


Detector tube

Chlorine Cl₂

No.8TP



Performance

Measuring range	0.05 to 0.6 ppm
Sampling rate	100 mL/min (1000 mL)
Correction factor	1
Sampling time	10 min
Detecting limit :	0.02 ppm (1000 mL)
Colour change :	Pink → White
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction not used Relative humidity 10 to 90 % correction not used
Relative standard deviation :	10 % (for 0.05 to 0.2 ppm), 5 % (for 0.2 to 0.6 ppm)
Tube quantity and number of tests per box :	10 tubes for 10 tests
Shelf life :	30 months

Reaction principle

Cl₂ + Indicator → Reaction product

Possible coexisting substances and their interferences

Substance	Concentration:	Interference	Changes colour by itself to
Ammonia	≥ 1/6	—	No
Sulphur dioxide		—	No
Nitrogen dioxide		No	No
Hydrogen sulphide		—	No

Calibration gas generation

Permeation tube method