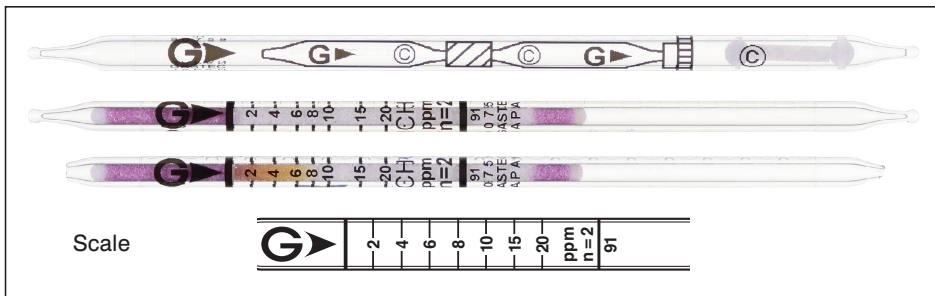


Formaldehyde HCHO

No.91



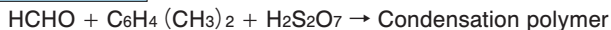
Performance

When used, these tubes are to be connected.

Measuring range	2 to 20 ppm	20 to 50 ppm	50 to 100 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1	2.5	5
Sampling time	1.5 min	45 sec	30 sec

Detecting limit : 0.5 ppm (2 pump strokes)
 Colour change : White → Brown
 Operating conditions : Temperature 0 to 40 °C (32 to 104 °F) correction not used
 Relative humidity 0 to 90 % correction not used
 Relative standard deviation : 15 % (for 2 to 6 ppm), 10 % (for 6 to 20 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
Aldehydes	$\geq 1/2$	+	Brown
Styrene			Yellow (≥ 500 ppm)
Esters, Ethers, Ketones	≥ 1000 ppm	+	No

Calibration gas generation

Diffusion tube method