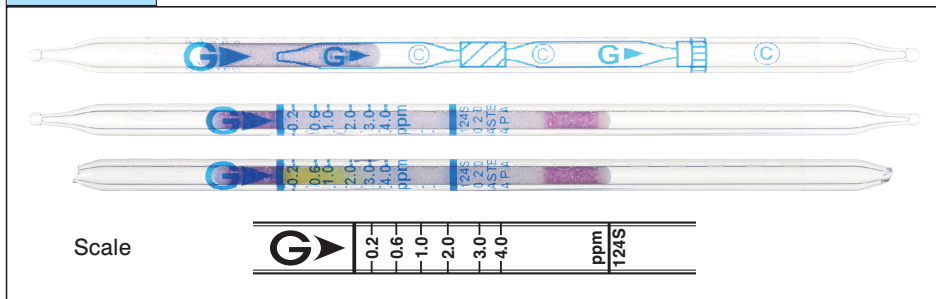


Odorant
detector tube

Styrene $C_6H_5CH:CH_2$

No. 124S

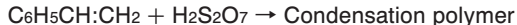


Performance

When used, these tubes are to be connected.

Measuring range	0.2 to 4.0 ppm
Sampling speed	200 mL/min
Sampling time	5 min
Colour change :	White → Yellow
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 :	20 % (for 0.2 to 1.0 ppm), 15 % (for 1.0 to 4.0 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
Alcohols, Esters	≧ 10 times	+	No
Aldehydes, Ketones	≧ 10 times	+	No
Butadiene	≧ 2 ppm	+	Yellowish brown (Unclear demarcation)

Calibration gas generation

Diffusion tube method