



Safeair Badges

Personal Safety Badges



The SafeAir Badges are used when there's a threat of chemical hazard and immediate gas detection is paramount.

Highly sensitive, highly selective

The SafeAir consists of a direct reading colorimetric badge and a colour comparison chart. SafeAir badges provide an immediate visual indication when a specific chemical hazard is present.

The sensor in the SafeAir badge is constructed from a coated indicator layer rather than impregnated paper, thus providing homogeneous and stable colour formation.

All you need is the badge!

The indicator layers are highly sensitive and selective to the targeted hazard. A colour change in form of an "exclamation mark" warns the presence of the targeted hazard.

The SafeAir system is a low cost chemical detector badge. The badge requires minimal training. There is no calibration, extra equipment or laboratory analysis required.

"With no laboratory testing required, the Safeair system offers a fast and low cost solution"

FEATURES

- Available for 20 different gases
- Quickly indicates presence of contaminant by forming a colour change
- Measure TWA exposure
- Ideal for daily employee screening or gas detection
- No calibration or laboratory analysis needed

ORDERING INFORMATION

Part Number	Gas / Chemical	Threshold Level	Interferences	Colour	Comparator & Range
382010	Ammonia	4.0 ppm hr	Primary aliphatic amines		
382021	Aniline	0.2 ppm hr	Aromatic amines, MMH, H ₄ N ₂		
382001	Aromatic Isocyanates	TDI: 5 ppb hr MDI: 3.5 ppb hr	Aromatic Isocyanates, high conc.	383005	2.5 - 700 ppb hr
380017	Carbon Dioxide	8,000 ppm hr	Acid vapours	383009	1800 - 80000 ppm hr
382012	Carbon Monoxide	7.0 ppm hr	Alkenes, H ₂ , H ₂ S		
382009	Chlorine	0.18 ppm hr	Br ₂ , HCl, I ₂	383010	0.03 - 3.0 ppm hr
382003	Chlorine/Chlorine Dioxide	Cl ₂ : 0.18 ppm hr ClO ₂ : 0.2 ppm hr	Cl ₂ : Br ₂ , HCl, I ₂ ClO ₂ : NO ₂ , high conc. O ₃		
382019	Dimethyl Amine	5.0 ppm hr	R ₂ NH		
382011	Formaldehyde	0.4ppm hr	Acrolein		
382002	Hydrazine	8 ppb hr	MMH, aromatic amines	383001	4.5 - 300 ppb hr
382020	Hydrazine Dual-Level	Front: 8 ppb hr Back: 4 ppb hr	MMH, aromatic amines	383004	6 - 300 ppb hr
382037	Hydrides	Arsine: 18 ppb hr Diborane: 5 ppb hr Phosphine: 5ppb hr	Hg, stibine, other hydrides	383011	18 - 1000 ppb hr
382024	Hydrogen Chloride	2.0 ppm	None known	383008	STEL 2.0 - 26 ppm
382015	Hydrogen Sulphide	2.0 ppm hr	None known		
382005	Mercury	Front: 0.25 mg/m ³ hr Back: 0.08 mg/m ³ hr	Strong oxidizers		
382013	Nitrogen Dioxide	1.0 ppm hr	Ozone		
382004	Ozone	0.05 ppm hr	H ₂ O ₂ above 1ppm NO ₂		
382000	Phosgene	15 ppb hr	COBr ₂ , CNCl, ClCO ₂	383000	0.9 - 100 ppm min
382018	Sulphur Dioxide	0.2 ppm hr	None known		
382014	UDMH	Front: 30 ppb hr Back: 10 ppb hr	Aromatic diisocyanates	383003	10 - 700 ppb hr

PERFORMANCE

- 1 year shelf life if kept refrigerated
- Humidity and temperature kept to a minimum

PHYSICAL

- Dimensions: 74mm(h) x 41mm(w) x 1 mm(d)
- Weight: 1.5g

Rev 2.2 June 19

a1-cbiss Ltd, 5 Valiant Way, Lairdside
Technology Park, Tranmere, Wirral, CH41 9HS
T: +44(0)151 666 8300
F: +44(0)151 666 8329
E: sales@a1-cbiss.com
W: www.a1-cbiss.com

