

ChemLogic Long Life Hydrides Detection Tape

ChemLogic Long Life Hydride Detection Tapes are designed to be selective, quick responding and highly sensitive to target gases. The ChemLogic Long Life Hydride Detection Tape is designed to detect Arsine, Phosphine, Silane, Diborane, Germane, Hydrogen Sulfide, Hydrogen Selenide.

In addition to the target gases listed above, other substances will react to the ChemLogic Long Life Hydride Detection Tape. The following list includes the substances that will react on a ChemLogic Long Life Hydride Detection tape.

Arsine (AsH ₃)*	Phosphine (PH ₃)*	Diborane (B ₂ H ₆)*
Germane (GeH ₄)*	Hydrogen Selenide (H ₂ Se)*	Hydrogen Sulfide (H ₂ S)*
Phosphine (PH ₃)*	Silane (SiH ₄)*	Dichlorosilane (SiH ₂ Cl ₂)
Disilane (Si ₂ H ₆)	Stibine (SbH ₃)	Trichlorosilane (SiHCl ₃)
Carbonyl Sulfide (COS)*		

*Note – gases are available calibrations on ChemLogic CLPx, CL1, CL8 & CL96

Chlorosilanes will react on the ChemLogic Long Life Hydride Tape however, for best detection the ChemLogic Mineral Acids Tape should be used.

The ChemLogic Hydride Detection Tape will NOT respond to:

Acetic Acid	Chloroformates	Hydrogen Cyanide	Phosgene
Acetone	Ethanol	Hydrogen Peroxide	Phosphoric Acid
Acetylene	Ethylene Oxide	Isopropyl Alcohol	Sulfur Dioxide
Acids	Freons	Isocyanates	Sulfuric Acid
Amines	Glycols	Ketones	Toluene
Ammonia	Hexane	Methane	Trichloroethane
Boron Trifluoride	Hydrazine	Methanol	Trichloroethylene
Carbon Monoxide	Hydrocarbons	Nitrogen Oxides	Toluene
Chlorine	Hydrogen	Ozone	Velcorin