

ChemLogic Chlorine Detection Tape

ChemLogic Chlorine Tapes are designed to be selective, quick responding and highly sensitive to target gases. The ChemLogic Chlorine Tape is designed to be sensitive and specific to Chlorine and other free halogens and strong oxidizing agents.

These include:

Chlorine (Cl ₂)	Nitrogen Dioxide (NO ₂)
Chlorine Dioxide (ClO ₂)	Oxygen Difluoride (OF ₂)
Fluorine (F ₂)	

The following list includes the substances that will produce positive but weaker response includes:

Bromine (Br ₂)	Nitric Oxide (NO)	Xenon Difluoride (X ₂ F ₂)
Hydrogen Peroxide (H ₂ O ₂)	Nitric Acid (HNO ₃)	
Iodine (I ₂)	Ozone (O ₃)	

The ChemLogic Chlorine Tape will NOT respond to:

Acids	Hydrides	Nitrogen
Alcohols	Hydrocarbons	Nitrous Oxide
Amines	Hydrogen	Phosgene
Ammonia	Hydrogen Bromide	Solvents
Carbon Disulfide	Hydrogen Chloride	Sulfur Dioxide
Carbon Tetrachloride	Hydrogen Cyanide	Trichloroethane
Chloroform	Hydrogen Fluoride	Trichloroethylene
Dimethyl Sulfate	Hydrogen Sulfide	
Ethylene Dichloride	Isocyanates	
Freon's	Methyl Bromide	
Hydrazine's	Methyl Chloride	