

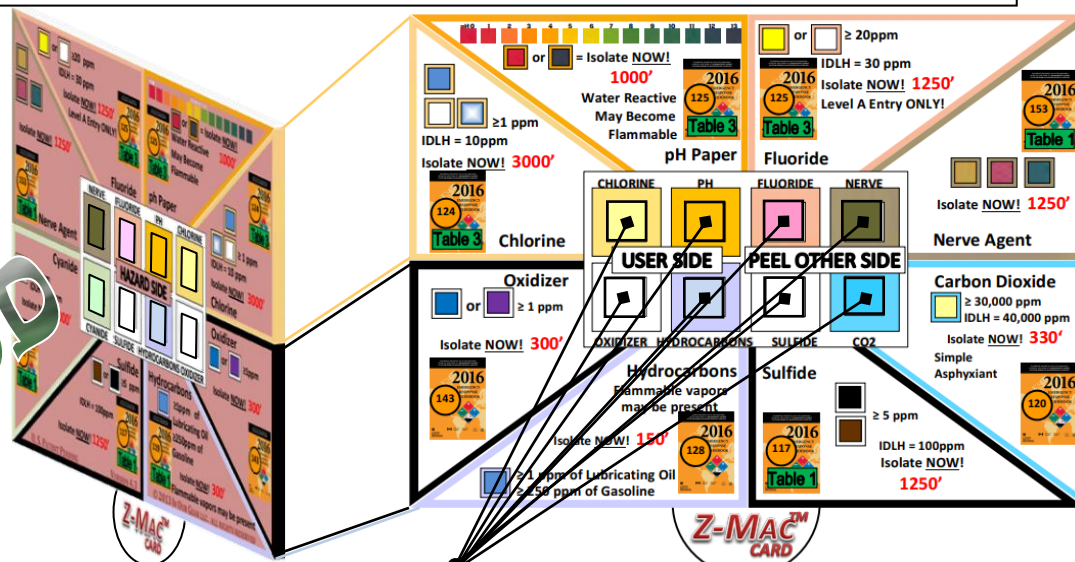
Product Specification Sheet

Z-MAC™ CARD

Product Description:

The ZMac™ Card combines inexpensive detection methodology (chemical test papers) with useful information needed to form a risk based decision response or action plan.

The “viewable” chemical test paper window allows the user to see a color change that is framed with useful hazard information. Select information from the Emergency Response Guidebook and NIOSH Pocket Guide to Chemical Hazards has been added to each specific chemical section.



8 "viewable" test paper windows

Product Features and Specifications:

- Appropriately sized to fit onto an Emergency Response Guidebook (ERG)
- ZMac™ Card uses a customizable set of 8 reagent papers to arm specific industries and professions for the hazards they may face – contact In Our Gear LLC for a complete list
- Color coded sides of the ZMac™ Card (**RED = HAZARD SIDE**, **WHITE = USER SIDE**) make it easy to use to detect hazards in different situations (drips verses puddles)
- Pertinent information is provided for each chemical or class of chemical
- Expiration date visible on card
- One time use, once clear protective cover has been removed
- Easy to use thumb tab allows card to be accessed and stored easily

Product Name	ZMac™ Card	Size	5" x 7"
Detection methodology	Chemical test reagent paper	Material	5 mm laminate
Prepackaged paper kit	Chlorine, pH, Fluoride, Nerve, Oxidizer, Hydrocarbon, Sulfide, Carbon Dioxide	Sensitivity	Test paper specific
Storage before use	Room temperature	Shelf Life	2 years

IN OUR GEAR, LLC

Tools for the first responder...by the first responder
www.inourgear.net

ZMac™ chemical test paper specifications

Chemical Detection Name on Card	Detects	Sensitivity (color change)	Cross Sensitivities
Fluoride	Free fluoride ions and gaseous Hydrogen fluoride	20 ppm	Bromates, Chlorates and Sulphates
Hydrocarbons	Petroleum ether, Gasoline, Fuel Oil and Lubricating oil	Petroleum ether – 250 ppm Gasoline – 10ppm Fuel Oil = 5 ppm Lubricating oil – 1 ppm	None noted
pH	% of hydrogen and hydroxide ions (Acids and Base)	Scale printed on card	Color of liquid may impact the reading
Chlorine	Free chlorine	1 ppm	Bromine, Iodine, Nitrous acid
Nerve	Liquid G: Nerve, V: Nerve, H: Blister	.02 ml of neat CWA's	None noted
Carbon Dioxide	Carbon Dioxide	30,000 ppm	Some acids and bases
Sulfide	Hydrogen Sulphide and Sulphide ions	5 ppm	None noted
Oxidizer	Nitrite	1 ppm	Chlorine

