

FIRE PROTECTION FOR VEHICLES



FIRE PANEL
VEHICULAR FIRE PROTECTION SYSTEMS

The FIRE Panel is the latest in fuel cell fire protection technology that comes from a proven military application background. This patented product provides the same fire protection for vehicle fuel cells that it does for the fuel tanks of some of the most sophisticated military aircraft and helicopters.

The premise of the FIRE Panel is this: In order to reach the fuel cell with some object that would puncture or ignite the fuel, that object must first pass through a breakable, protective wrap containing fire suppressing powder, which is installed around the exterior of the fuel cell. The puncturing of this protective wrap releases a "cloud" of fire suppressing powder, which "inerts" the space around the fuel cell, thereby preventing the ignition of the fuel or quickly suppressing the fire.



Crash test showing that impact instantly creates a "cloud" of powder that follows the vehicles.

Already proven in military applications, this technology has now been used on the racetracks of professional motorsports. Earlier versions of the FIRE Panel were road tested in competition using racing vehicles from the SCCA® Trans-Am® Series. The FIRE Panel's durable construction withstood the rigors of the high-speed track racing. Plus, the lightweight characteristic of the FIRE Panel added virtually no weight to the racing vehicles.

Fire Panels are also being used today to protect our nation's law enforcement professionals. Well documented in the national news, fires that have occurred

from high-speed, rear end impacts have cost police officers their lives from otherwise survivable collisions. A new version of the FIRE Panels was specifically designed to perfectly fit the contours of the police car's fuel tank, thus adding a strong layer of fire protection for the officers.

The FIRE Panel's channel design makes it easy to customize and fit any fuel cell. With a fuel cell custom wrapped in the FIRE Panel, collisions or impacts that may send vehicle components or debris into the fuel cell will not result in a fire, even at high speeds.



The FIRE panel technology is also available for public transportation vehicles such as school or city buses. Although these vehicles are designed to be safe, accidents can occur from any angle, and a fuel spill is always a concern. Now, there is an affordable means to protect these vehicles from a fire.

FIRE Panels have many benefits including:

- ▶ Proven, patented fire protection that is cost-effective
- ▶ Lightweight, yet rugged design to withstand tough road conditions
- ▶ Fast, easy installation directly over fuel cells

So don't delay, call us, toll-free, at **866.607.0747** or visit www.firepanelllc.com and learn how a FIRE Panel could make the difference between a devastating fire and a survivable crash.