



ARM-R-SAFE™ Blast Protected Fuel Cells

ARM-R-SAFE™ protected fuel cells by Aircraft Rubber Manufacturing (ARM-USA) are engineered to provide multiple levels of ballistic protection. Specifically designed for use on armored cars, combat troop carriers and tactical law enforcement vehicles, ARM-R-SAFE™ protected cells offer the ultimate in fuel system security.

Applied in stages, ARM-R-SAFE™ provides varying levels of protection, from explosion resistance to full self-sealing and armoring, depending on your requirements.

- **ARM-R-SAFE™ Stage I:**
 - Full safety foam baffling:
 - Minimizes the potential for explosion by preventing a flame front from propagating through the fuel cell
 - Controls fuel surge, thereby ensuring steady fuel pickup under aggressive driving conditions

- **ARM-R-SAFE™ Stage II:**
 - Full safety foam baffling (see description above)
 - A layer of ARM-R-COAT™ level II, self sealing coating.
 - Self-Seals against 7.62 mm / .30 caliber projectiles (NIJ Level III)
 - Tank guard coating
 - Protects the fuel cell from abrasion and road debris damage

- **ARM-R-SAFE™ Stage III:**
 - Full safety foam baffling (see description above)
 - A layer of ARM-R-COAT™ level II, self sealing coating
 - Self-Seals against 7.62 mm / .30 caliber projectiles (NIJ Level III)
 - Multiple layers of ballistic fabric armoring
 - Protects the fuel cell from small arms fire and IED shrapnel
 - Tank guard coating
 - Protects the fuel cell from abrasion and road debris damage

Aircraft Rubber Manufacturing (ARM-USA) is an ISO 9001 certified manufacturer of composite fuel containment systems and has been in business for more than 30 years. We are experts in the design and manufacture of complex fuel delivery systems. ARM-USA's racing fuel cell division, Fuel Safe Systems®, designs and manufactures crash worthy fuel cells for NASCAR, IndyCar, American Le Mans, and many other forms of professional racing. Our state of the art 100,000 square foot manufacturing facility houses all of our design, development and manufacturing divisions. In-house capabilities include CAD design & 3D modeling, precision sheet metal fabrication, machining, mil spec welding, armored & self-sealing fuel cells, rotational molding, and rubber goods manufacturing. Please call one of sales representatives today for more information about our ARM-R-SAFE™ product or any of our fuel containment solutions.

Aircraft Rubber Manufacturing, Inc. (ARM-USA)
1550 NE Kingwood Ave., Redmond OR 97756
Phone: (541) 923-6005 Fax: (541) 923-6015 www.arm-usa.com