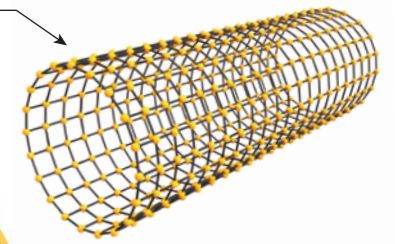


# Engineered for performance

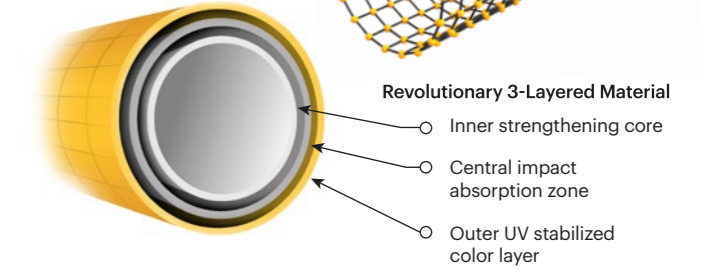
A-SAFE's state of the art products are meticulously engineered to deliver the highest performance. Designed, developed, tested and manufactured in-house at our cutting-edge facility, each unique component is carefully crafted and purpose-built to play a vital role in the product's performance.

## MEMAPLEX™

**Advanced Engineering**  
Molecular reorientation during manufacturing creates a unique built-in memory that enables the barrier to fully recover following impacts.



### Revolutionary 3-Layered Material



**Ultimate strength polymer** created from an exclusive composition of the most sophisticated polyolefins and rubber additives, expertly blended for unequalled strength and flexibility.

**Unrivalled recovery** through a unique built-in memory that allows the gate rail to flex, cushion and reform upon impact, saving vast amounts in gate replacement and vehicle repairs.

**Huge return on investment** from incident prevention and downtime avoidance as gate, vehicles, floors and infrastructure do not need replacing or repair.

**Ultra-low maintenance** material is chemical and water resistant, non-corrosive, non-scratch and self colored so no repainting, rusting, flaking or corrosion.

**Rotating wear collars** deflect force from repeat glancing blows preventing expensive on-going maintenance costs.

**Flexible positioning** of bollard posts means the clear opening can be specified to meet your particular loading bay requirements within the product parameters.

**Increased infrastructure protection** for vulnerable door frames and shutter runners, with double high-strength bollard posts.

**Specially engineered patented lock sleeve** at guardrail mid-point prevents any weakness at vulnerable impact area.

**Environmentally friendly** and 100% recyclable.

**Food safe, wipe-clean, water resistant surface.**

**Self colored and UV stabilized** for continued visibility and long lasting aesthetics with no repainting.

**Optimized height** for loading vehicle impact zones, preventing both front-facing and reversing vehicles from straying beyond the safe loading area.

**Zinc nickel, electrophoretic coating** on base plates as standard, provides advanced protection against corrosion damage.

**Precision engineered perforated cap** is made from a unique deformable material and moulded on our custom-built machinery. It controls the emission of air pressure should impact occur, increasing force absorption.

**Retractable locking device**  
Patented quick-slide Memaplex™ lock sleeve maintains guardrail strength and integrity to withstand heavy vehicle impacts.

**Lift and self-hold**  
Patented lift and self-hold design, guardrail pivots between bollard posts to protect door frames and shutter runners whilst loading bay is in use.

