



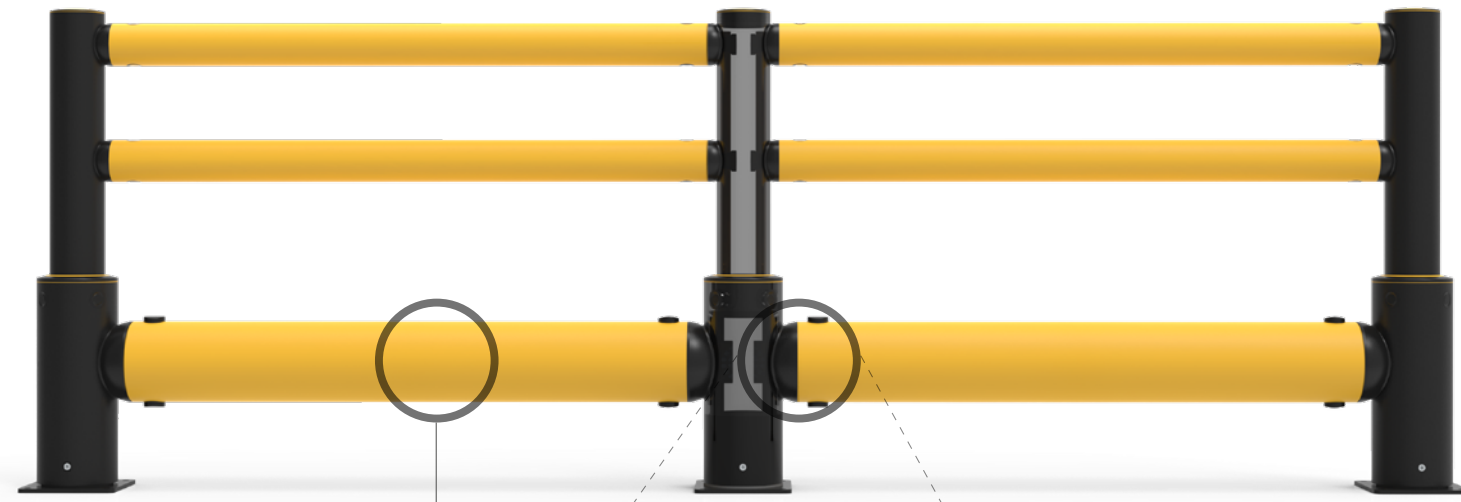
iFlex Single Traffic Barrier+

Designed to protect people from injury, and safeguard buildings and equipment from damage both inside and out.

The high-strength, dual-function guardrail isolates vehicles whilst also guiding pedestrians. The traffic rail provides heavy-duty resistance to impacts. The addition of an ergonomic handrail increases the height to segregate pedestrians and prevent falls.

Ideal for busy environments and high traffic areas where people and vehicles mix.

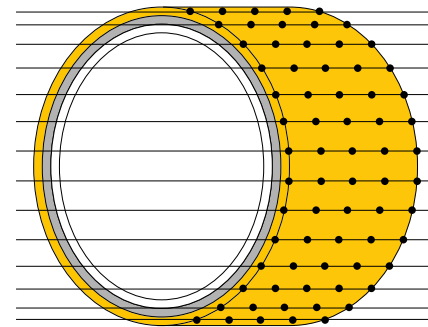




MEMAPLEX™

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

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



Revolutionary 3-Layered Material

- Inner strengthening core
- Central impact absorption zone
- Outer UV stabilised colour layer



Energy Absorption System

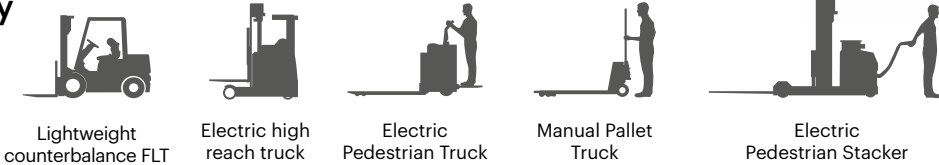
A patented 3-phase system that activates sequentially for unparalleled energy absorption.

- 1 Memaplex™ rail flexes to absorb impact, initiating the rail pin to slide forward and transfer load energy to the compression pocket.
- 2 Compression of the pocket continues to disperse energy as the coupling rotates around the post pin to activate further absorption.
- 3 At peak energy, the coupling twists further, engaging the post pin and instigating torsion of the post to dispel remaining forces.

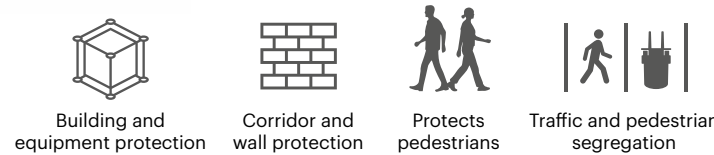
- | | |
|-------------------|-----------------------------|
| A Post Pin | D Compression Pocket |
| B Coupling | E Rail |
| C Rail Pin | |

Suitability

Vehicle



Application



Unrivalled recovery through a unique built-in memory that allows the barrier to flex, cushion and reform repeatedly upon impact, saving vast amounts in guardrail and vehicle repairs.

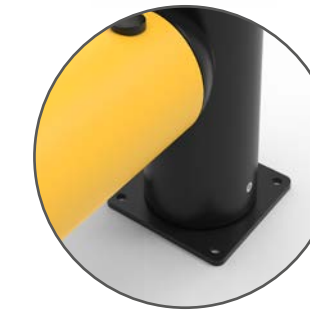
Huge return on investment from incident prevention and downtime avoidance as guardrails, vehicles, floors and equipment do not need replacing or repair.



Features and benefits



Multi-directional system ensures a streamlined fit into any operation and the removal of hard angles.



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



Exclusive modularity allows rails and posts to be replaced in-situ without removing adjacent guardrail sections.



Hygiene seals remove ingress points.



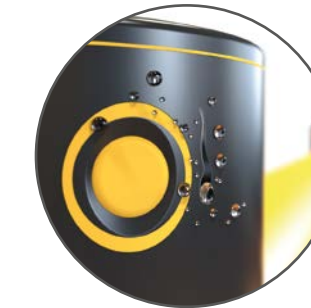
Ultra-low maintenance material is chemical and water resistant, non-corrosive, non-scratch and self coloured so no repainting, rusting, flaking or corrosion.



Self coloured and UV stabilised for continued visibility and long lasting aesthetics with no repainting.



No floor damage 80% of impact force is absorbed, transferring just 20% to the floor.



Food safe, wipe-clean, water resistant surface.



Ergonomic design with no sharp edges.



Environmentally friendly and 100% recyclable.



