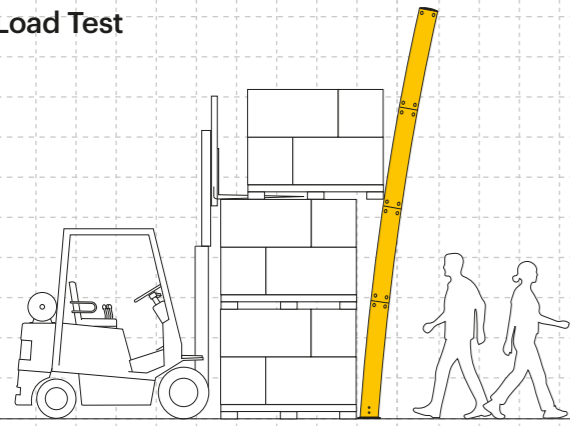


Technical Information

Load Test



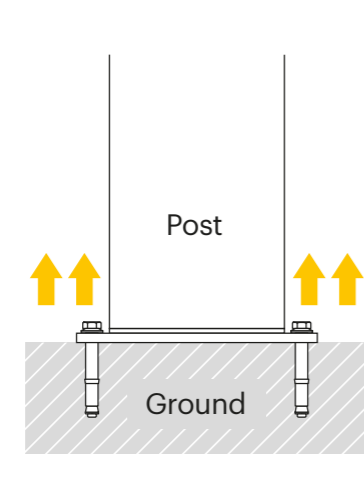
400kg Horizontal Point Load

1000kg Horizontal Distributed Load

Impact Test

End Post Max Energy (Joules) - 90°	6,900
Mid Post Max Energy (Joules) - 90°	6,900

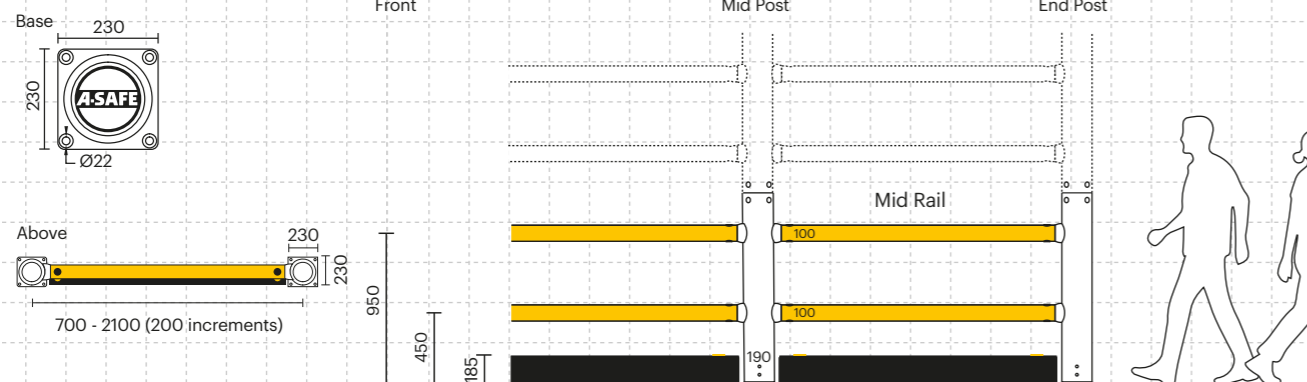
Force to Bolt 33kN



Material Properties	MEMAPLEX™
Temperature Range	-10°C to 50°C
Ignition Temperature	370°C to 390°C
Flash Point	350°C to 370°C
Toxicity	Not Hazardous
Chemical Resistance	Excellent - ISO/TR 10358
Weathering Stability (Grey Scale)	5/5*
Light Stability (Blue Wool Scale)	7/8**
Static Rating (Surface Resistivity)	1015 - 1016 Ω
Hygiene Seals	No

* Weathering scale 1 is very poor and 5 is excellent
 ** Light stability scale 1 is very poor and 8 is excellent

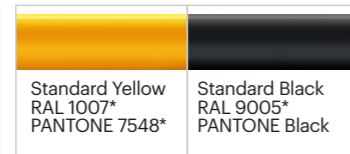
Dimensions (mm)



Post Options



Rail Options

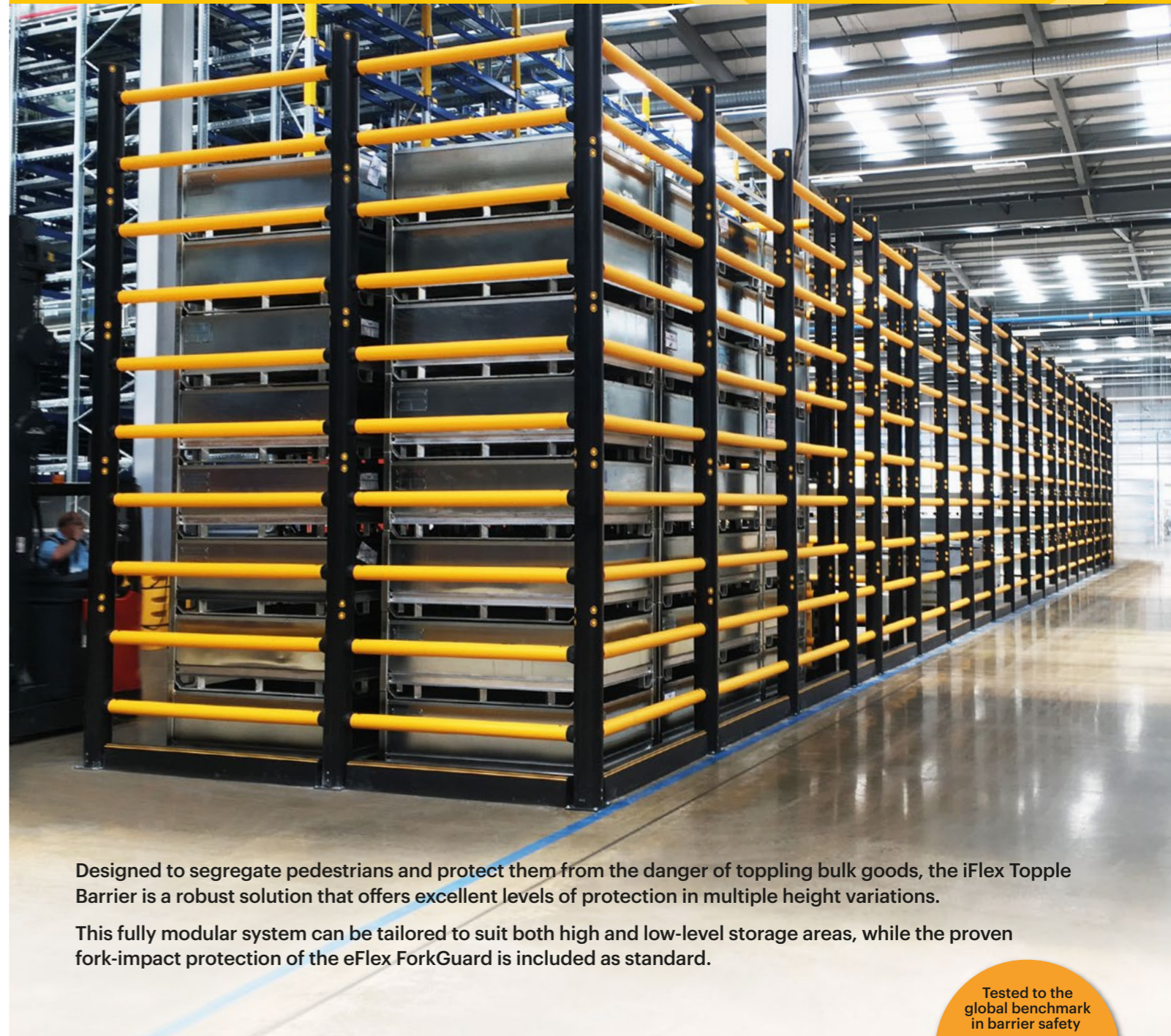


Colour Combinations

*Please note that the RAL and PANTONE colours listed are the closest match to standard A-SAFE colours, but may not be exact matches of the actual product colour and should be used for guidance only.



iFlex™
 Topple Barrier



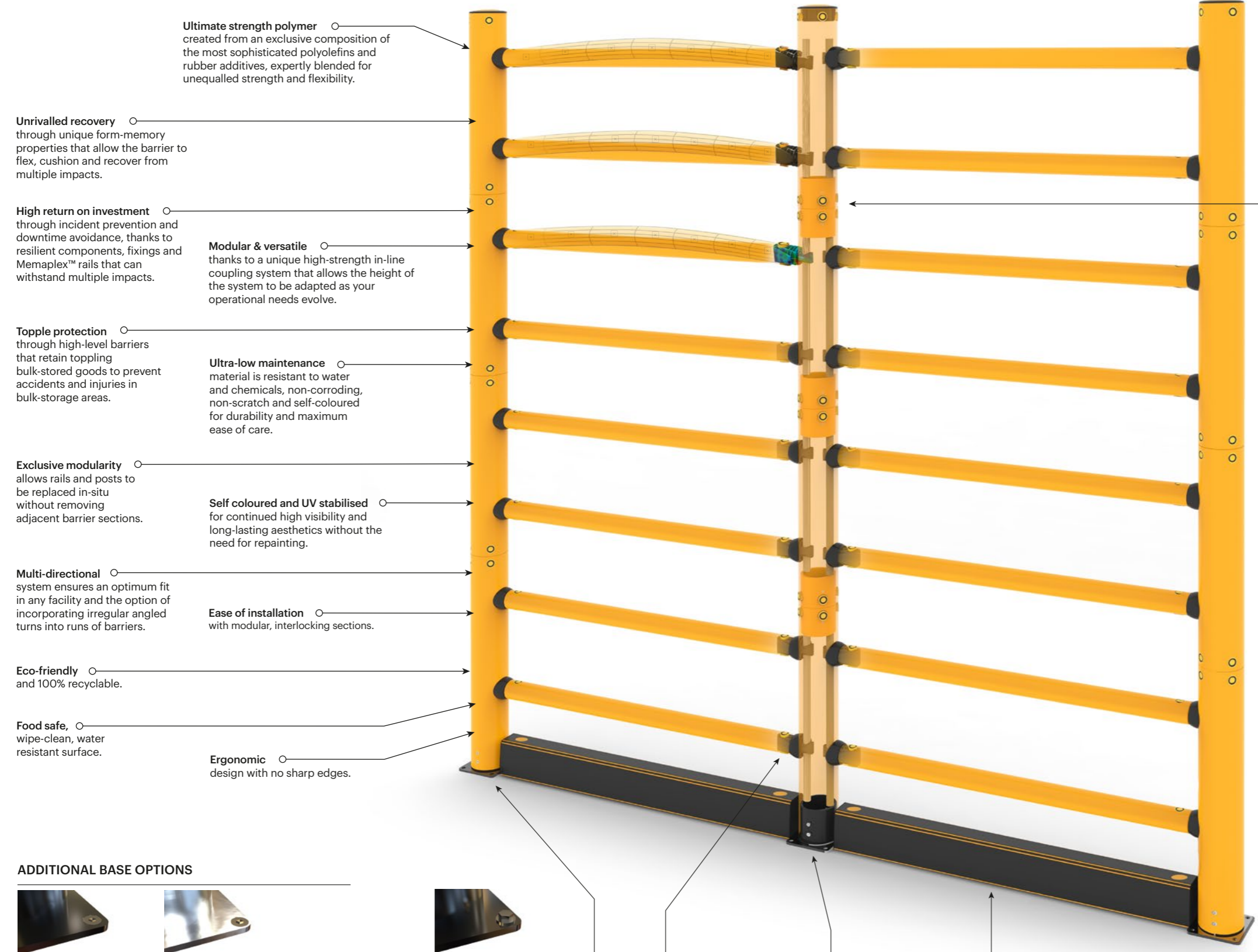
Designed to segregate pedestrians and protect them from the danger of toppling bulk goods, the iFlex Topple Barrier is a robust solution that offers excellent levels of protection in multiple height variations.

This fully modular system can be tailored to suit both high and low-level storage areas, while the proven fork-impact protection of the eFlex ForkGuard is included as standard.



Engineered for performance

Whether in the resilience, flexibility and in-built memory of our exclusive Memaplex™ material or the unrivalled energy absorption of our unique 3-phase coupling system, a wealth of technical ingenuity goes into every A-SAFE product to ensure that it performs perfectly every time you need it to. We are continuously innovating to solve the greatest workplace safety challenges on behalf of our customers and our numerous patents attest to our industry-leading commitment to research and development.



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 unique form-memory properties that allow the barrier to flex, cushion and recover from multiple impacts.

High return on investment
through incident prevention and downtime avoidance, thanks to resilient components, fixings and Memaplex™ rails that can withstand multiple impacts.

Modular & versatile
thanks to a unique high-strength in-line coupling system that allows the height of the system to be adapted as your operational needs evolve.

Topple protection
through high-level barriers that retain toppling bulk-stored goods to prevent accidents and injuries in bulk-storage areas.

Ultra-low maintenance
material is resistant to water and chemicals, non-corroding, non-scratch and self-coloured for durability and maximum ease of care.

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

Self coloured and UV stabilised
for continued high visibility and long-lasting aesthetics without the need for repainting.

Multi-directional
system ensures an optimum fit in any facility and the option of incorporating irregular angled turns into runs of barriers.

Ease of installation
with modular, interlocking sections.

Eco-friendly
and 100% recyclable.

Food safe,
wipe-clean, water resistant surface.

Ergonomic
design with no sharp edges.

ADDITIONAL BASE OPTIONS



Countersunk Bolts
Creates a flat surface, preventing tyre damage where vehicles are in close proximity.

Stainless Steel 316 Countersunk
Ultimate performance option, no corrosion or rusting and resistant to powerful cleaning agents. Ideal for hygiene environments.



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

Energy Absorption System

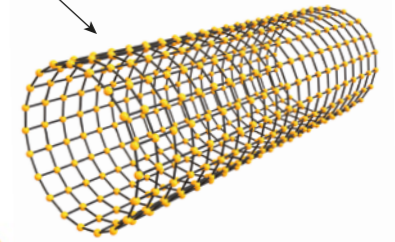
Patented system dissipates impact forces through the barrier and away from floors and fixings, preventing costly damage.

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

eFlex ForkGuard
included as standard to protect walls, stored goods and pedestrians from damage or injury as a result of fork impacts.

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

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



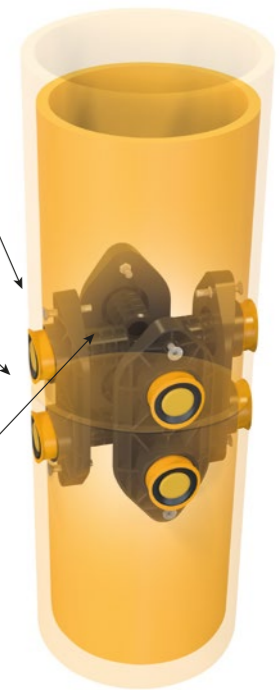
In-line coupling for a complete modular solution

The iFlex in-line coupling introduces a new level of modularity to the A-SAFE range of high-performance barrier products. Fully PAS 13 compliant, this robust solution makes it possible to construct topple barriers ranging in height from 2200mm to 5200mm by simply adding the required number of additional rail modules to a universal base unit.

Four pin positioning
to adjacent sections gives increased rigidity and stability.

Seamless join
on external edges gives a continuous flush finish along the length.

Moulded pins
lock securely into the internal layer with a quarter turn.



Configurations

