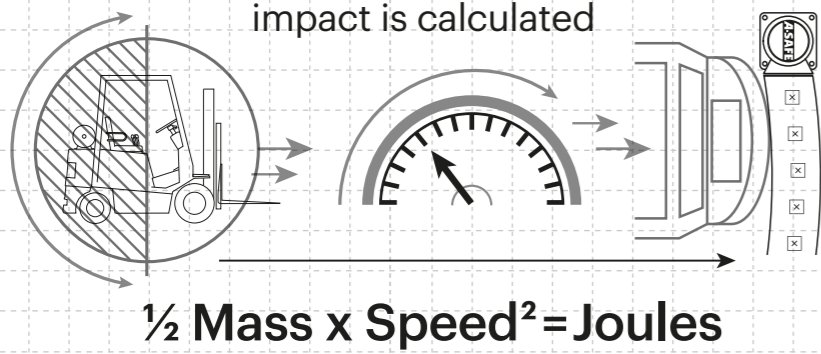


Technical Information

How the energy from a vehicle impact is calculated



Tested Impact Energy

9,100 Joules

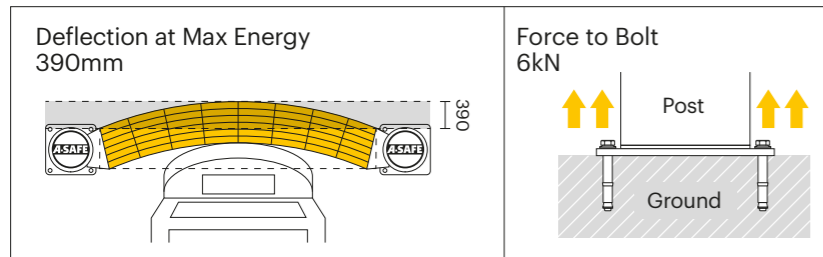
Equivalent vehicle and speed

3.6 tonne X 5 mph impact

Mid Rail 45° Impact on 1500mm Post Centres

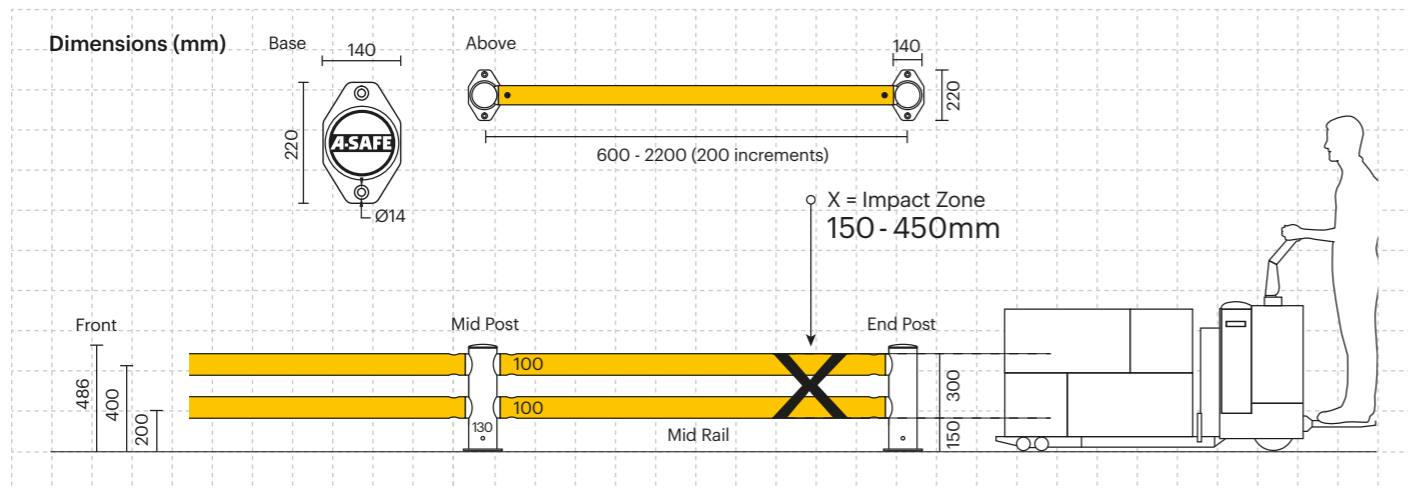
Impact Test	Impact Angle on 1500mm Post Centres			
	90°	67.5°	45°	22.5°
Mid Rail Max Energy (Joules)	4,550	5,331	9,100	31,069

End Post Max Energy (Joules) - 90°	3,000
Mid Post Max Energy (Joules) - 90°	3,000



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	Yes

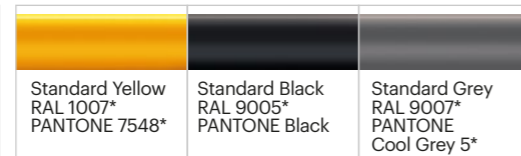
* Weathering scale 1 is very poor and 5 is excellent
 ** Light stability scale 1 is very poor and 8 is excellent



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.



mFlex™
Double Traffic Barrier

A-SAFE



Designed to safeguard walls, structures, goods and machinery from hand operated equipment as well as pedestrian operated powered pallet trucks.

Such impacts can damage surfaces, materials and stock over time, degrading safety and causing equipment to break down.

The Double Rail increases the height and strength of the impact zone, providing greater resistance to impact forces and improved protection against wear-and-tear from frequent collisions.

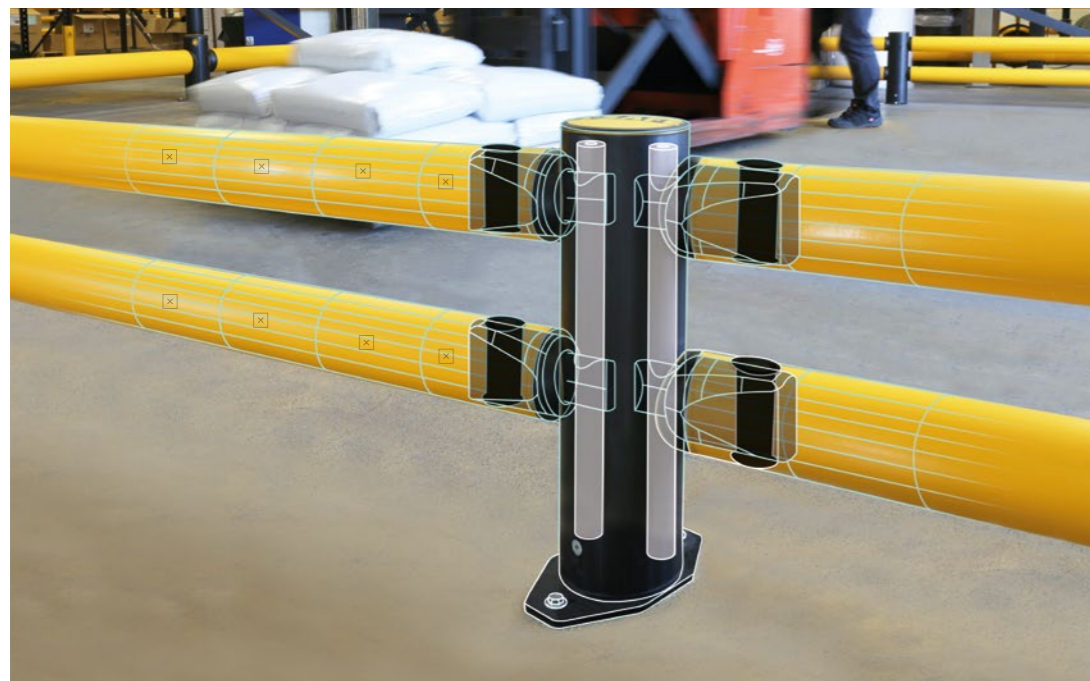
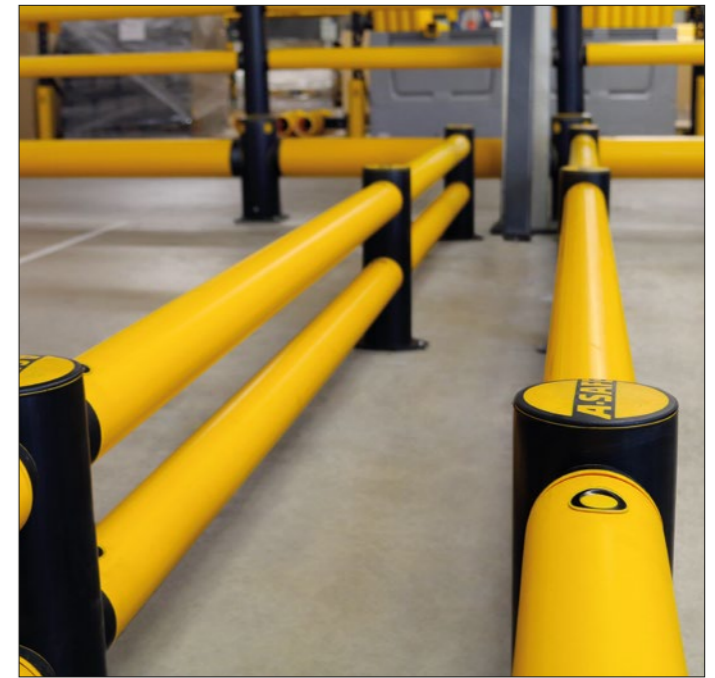
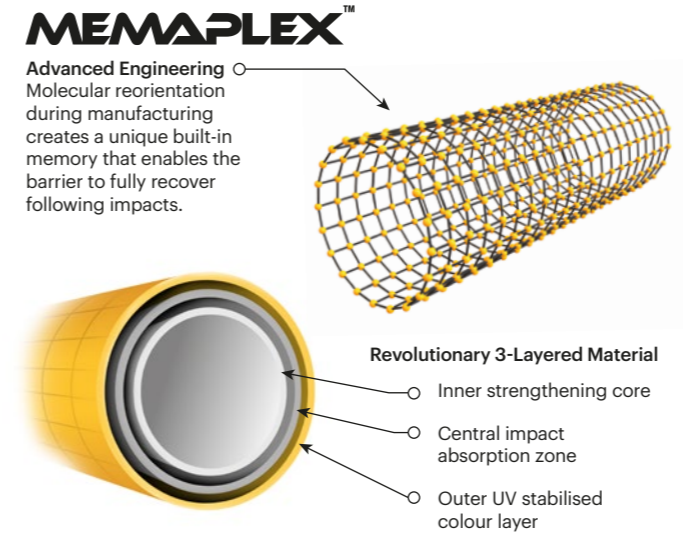
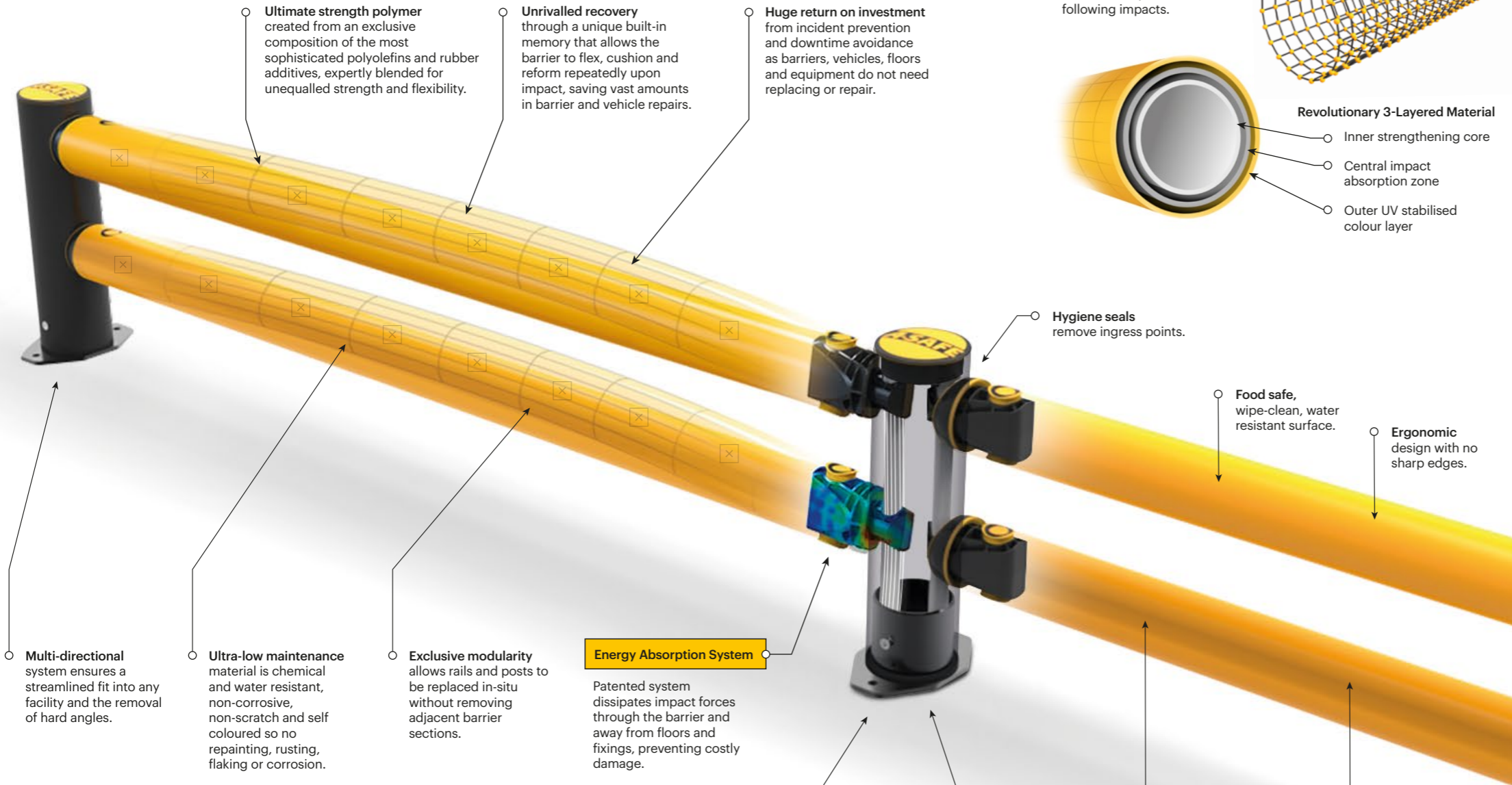
Tested to the global benchmark in barrier safety

bsi. PAS 13
 Code of Practice for
 Workplace Safety
 Barriers



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.



ADDITIONAL BASE OPTIONS

Countersunk Bolts Creates a flat surface, preventing tyre damage where vehicles are in close proximity.	Galvanised Steel Increased weather resistance for outdoor use and harsh climate environments.	Stainless Steel 316 Standard Ultimate performance option, no corrosion or rusting and resistant to powerful cleaning agents. Ideal for hygiene environments.	Stainless Steel 316 Countersunk