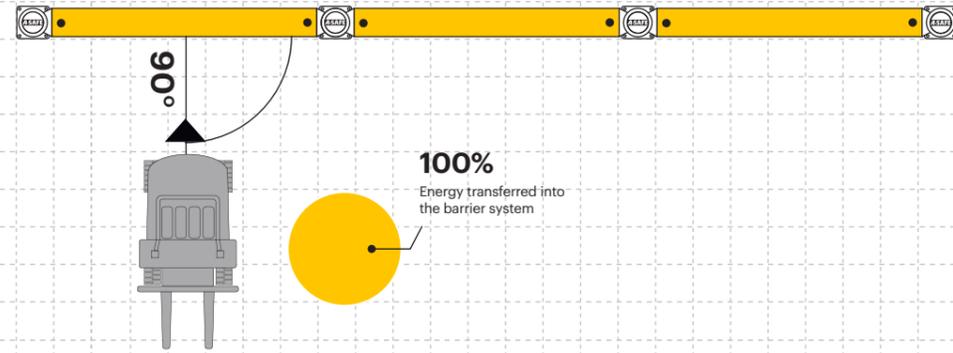


Testing and Technical Information

Tested to the global benchmark in barrier safety

bsi.
PAS 13
Code of Practice for Workplace Safety Barriers

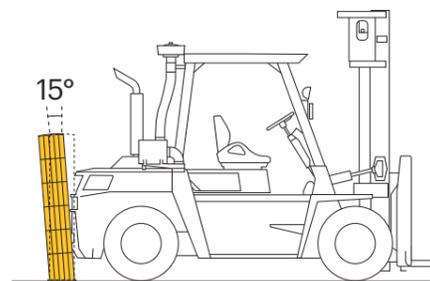
How energy (Joules) is transferred from a vehicle impact



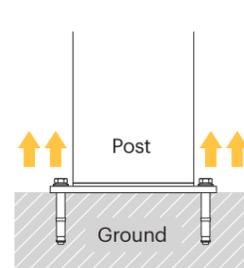
Impact Test

Max Energy (Joules) at 90° **8,800**

Deflection at Max Energy 15° Lean



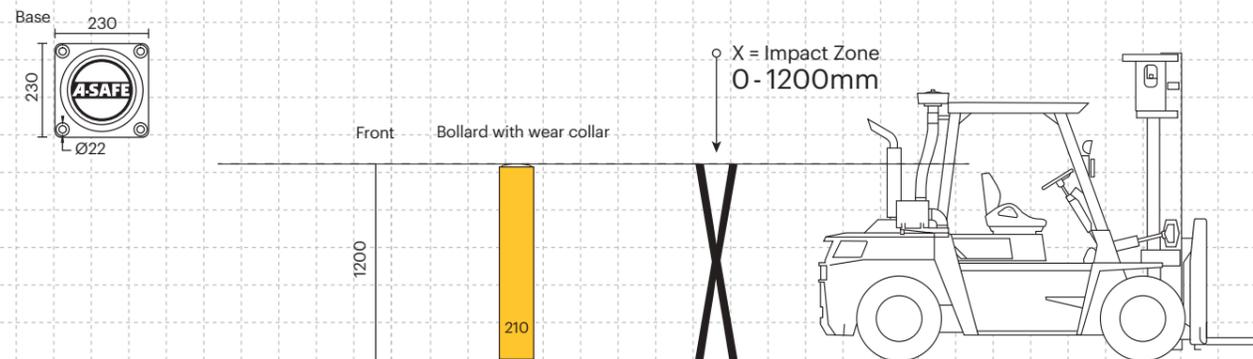
Force to Bolt 35kN



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)



Bollard 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™

Heavy Duty Bollard

A-SAFE



Designed to protect against damage caused by heavier weight vehicles or in higher speed environments.

The iFlex Heavy Duty Bollard is designed to protect structures and equipment from impact damage. Providing a robust physical presence to prevent access and guide vehicles.

Strong, durable and highly visible, A-SAFE Heavy Duty Bollards permanently reinforce a driver's attention to safe driving and provide enhanced protection against significant damage to property.

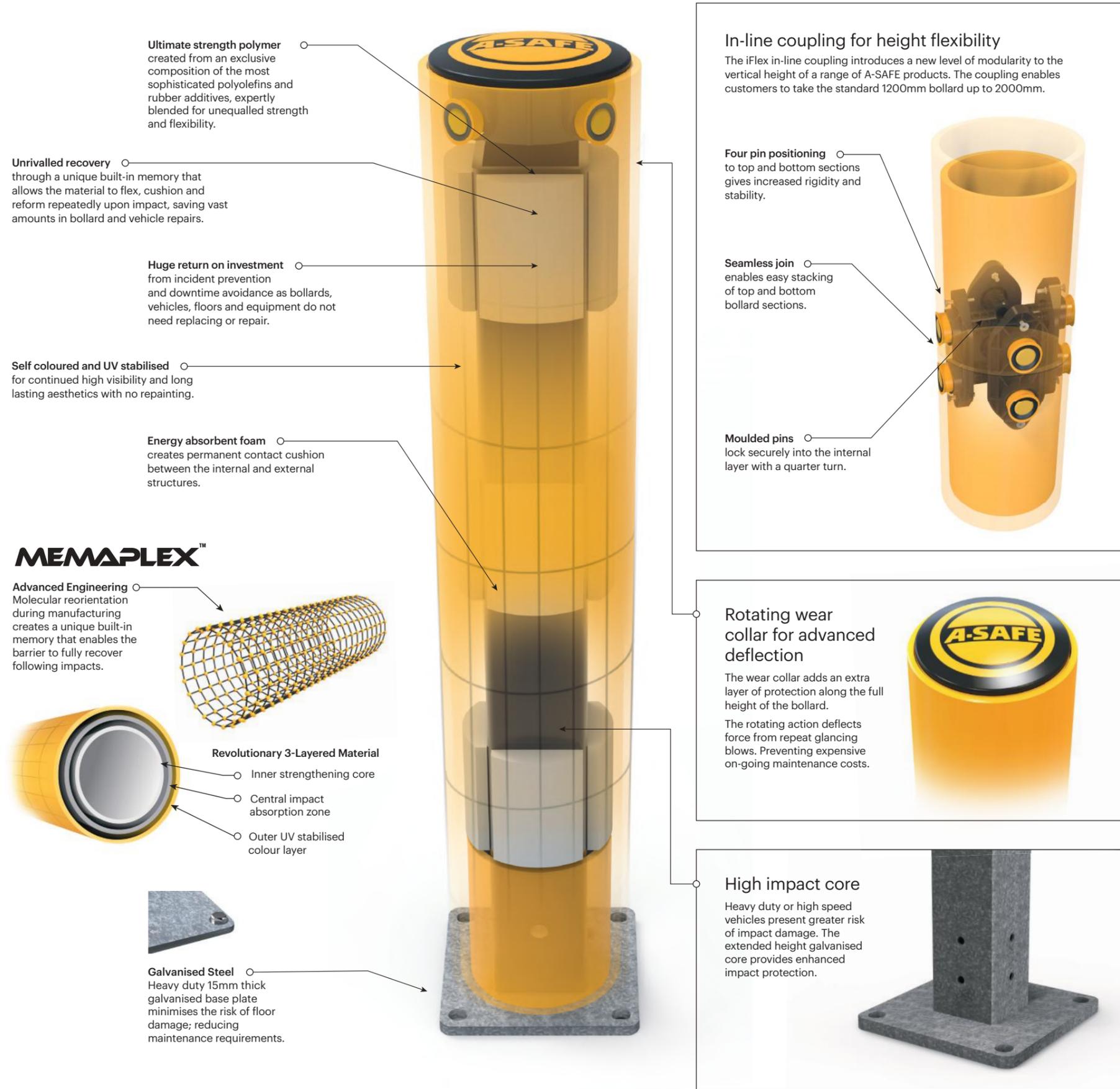
Tested to the global benchmark in barrier safety

bsi. PAS 13
Code of Practice for Workplace Safety Barriers



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.



Higher level bollards give a strong visual alert for reversing HGV drivers, preventing costly damage to service yard infrastructure.



Ideal for use on vehicle routes with sharp angle turns such as car parks.



Protect vulnerable access points where heavy duty vehicles are in operation.