

Traffic Guardrail



Made from an exclusive impact absorbent polymer, **A-SAFE's** Traffic Guardrail will protect against impacts from workplace vehicles.

IMPACTS DISSIPATED

The polymer-based Traffic Guardrail is tough, resilient and able to flex on impact from workplace vehicles, absorbing the forces and reforming to its original shape.

ULTRA-LOW MAINTENANCE

Non-scratch, non-corrosive and with no need for repainting, the impact absorbing qualities of the barrier mean floors will not require repair after impacts.

HIGHLY VISIBLE

Able to act as guide as well as guardian, the Traffic Guardrail's visual prominence will be an aid to help guide traffic safely around a facility.

QUALITY & CONFIDENCE

Tested and independently verified by TÜV, all **A-SAFE** barriers come with the reassurance of buying the best possible products from the global industry leaders.



*The benefit of **A-SAFE** is that, quite quickly and efficiently, we could replace the existing barriers with **A-SAFE's** yellow polymer traffic barriers which clearly mark the pedestrian and vehicle segregation. **A-SAFE** was agreed as the preferred supplier as they are capable of understanding our needs and providing the right equipment in response to this and to budget. Above all, they had the products that are effective in protecting staff and equipment.*

COCA-COLA, Morpeth, Engineering Manager

PROTECTING...

PEOPLE, PROPERTY, PROFITS AND PERFORMANCE



Traffic Guardrail

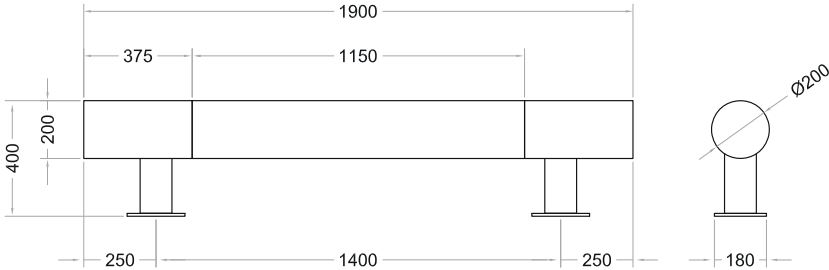


SPECIFICATIONS

Angle of impact		90°
Tested impact energy (Joules)		9400
Equivalent vehicle weight (kg)		5000
Equivalent vehicle speed (km/h)		7
Material Properties		
Temperature		-15°C to +50°C
MEMAPLEX™		
Temperature		-40°C to +30°C
MEMAPLEX™		
Chemical Resistance		Excellent - ISO / TR 10358
Fire Rating		HB
Food Contact		Yes
Toxicity		None
Conductivity		No
Environment		
CO ₂ /		22.12
Recyclability		100%

Terms and conditions apply

DIMENSIONS



All dimensions in mm

VEHICLE SUITABILITY

Fully laden vehicle (kgs) travelling at the maximum speed (mph) the barrier can withstand at 90° impact

 1,500 7.8 mph @ 90°	 2,080 6.7 mph @ 90°	 2,350 6.3 mph @ 90°
 2,650 5.9 mph @ 90°	 3,500 5.1 mph @ 90°	 3,560 5.1 mph @ 90°
 3,570 5.1 mph @ 90°	 3,650 5.0 mph @ 90°	 8,250 3.3 mph @ 90°
 8,730 3.2 mph @ 90°	 10,000 3.0 mph @ 90°	 13,050 2.6 mph @ 90°
 24,000 6.2 mph @ 90°	 36,000 1.6 mph @ 90°	

Note: These are guideline figures. Please refer to full technical information for details.

COMPONENTS



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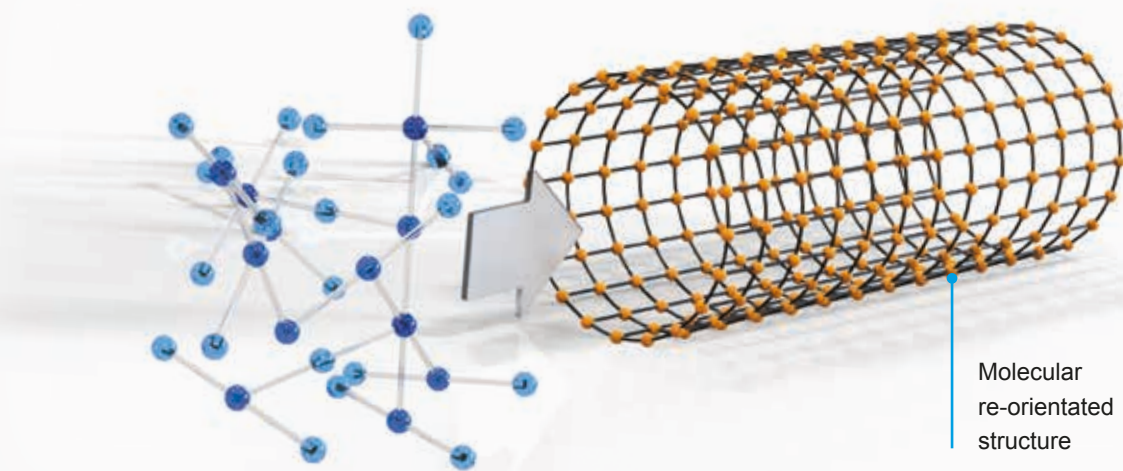
iFlex Double Traffic Barrier

CREATING OUR PRODUCT

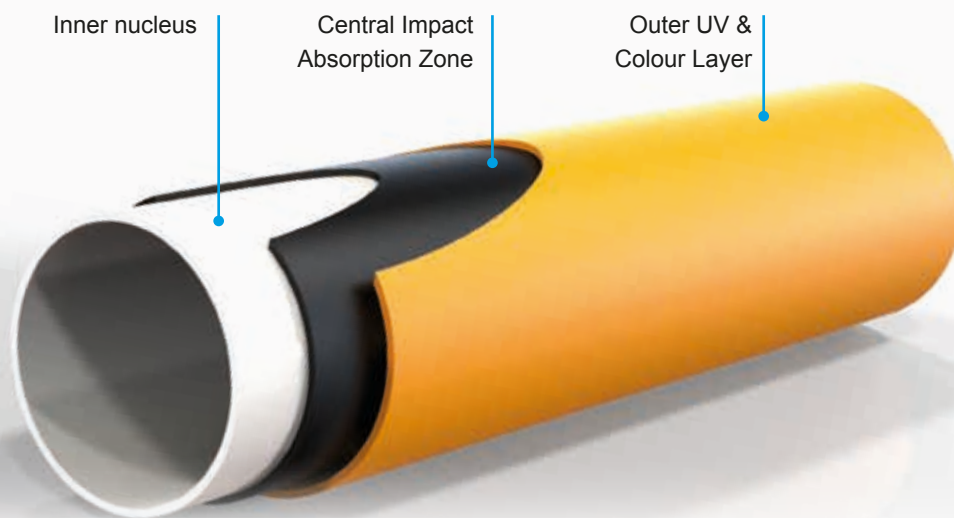
When compared to steel, **A-SAFE** barriers offer an annual and ongoing saving of 85% on repairs, re-painting, floor damage and other maintenance costs.

During the manufacture of **Memaplex™**, its molecular structure is re-orientated into a straight line, giving the material a **built-in memory**. This means that the product is flexible, absorbs and dissipates impacts and repels the source of them. After impact the barrier will reform to its original shape.

MEMAPLEX™



All of **A-SAFE's** products are made from **Memaplex™**, a robust and flexible polyolefin blend of materials with rubber additives. It's a three layered construction that's exclusively manufactured by **A-SAFE**. These three zones combine to form a strong yet flexible product.



Find out more, contact sales +44 (0) 1422 331133, email sales@asafe.com or visit www.asafe.com