



Product Brochure



YOUR PROBLEM, OUR INSPIRATION

Where others see problems, we see only potential: the potential to find the solution. In every customer challenge are the seeds of a great idea and a solution nobody has thought of.

Problem solving is why we exist; it is in our DNA and it continues to inspire every product we create.

WHAT MAKES US WHO WE ARE

At A-SAFE we are defined by who we are as much as by what we do. Our values are the foundation for our passion, our products and the strong relationships we forge with our customers.



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We are pioneers

Forge not follow

From our very first invention to every process and customer interaction, we are encouraged to be brave, be dynamic and explore the possible and seemingly impossible. Big or small, it all makes a difference. The key is to always try new things, to learn, adapt and move forward. With a shared sense of enterprise and adventure, we never, ever give up and ask ourselves every day, what if?

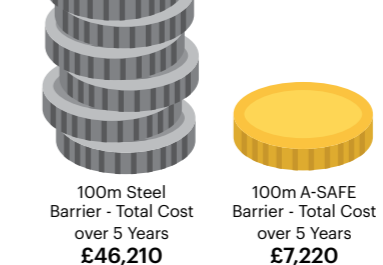
1984
A-FAX Films is established, specialising in polythene extrusion.



2001
Flexi Barrier invented.



2009
Major installation at Gatwick Airport with **£100,000+** saving per year in maintenance costs.



2015
The drive for continuous improvement leads to the launch of our 3rd-generation barrier range.



2017
A-SAFE continues to revolutionise workplace safety, saving more lives than any other safety barrier.



2018
Our global presence reaches 15 countries, with 16 subsidiaries worldwide.

2019
Customer problems increasingly require digital solutions, prompting us to launch our technology division.



We are in it together

Shoulder to shoulder

More than a collection of employees and customers, we are a collective who act and behave like a family. With mutual commitment, we build powerful, trusted relationships, both with each other and with customers all over the world. While our brand is global, our relationships are local. We get huge satisfaction from building direct relationships with customers – drawing inspiration from their problems to help us forge new ideas.



We do the right thing

From start to finish

There's a right way and wrong way to do things – it's in our DNA to do the right thing, without compromise. Whether we're creating, thinking, making or building – solutions, things or relationships – we take personal ownership of the whole process, finding better ways to do things than any third party could. From safety to risk reduction, protection to cost savings, whatever the problem, we never sit back while someone else does the work, we find the very best way of solving it.

Tested to a global benchmark in barrier safety

Independently verified by world-class test experts

bsi.
PAS13
Code of Practice for
Workplace Safety
Barriers



We stand shoulder to shoulder with partners all over the world, including:
3M | Amazon | Jaguar Land Rover | Heineken | DHL | Coca Cola | Heathrow Airport
IKEA | Mars | Kimberley Clark | McCain | Nestlé | P&G | BMW

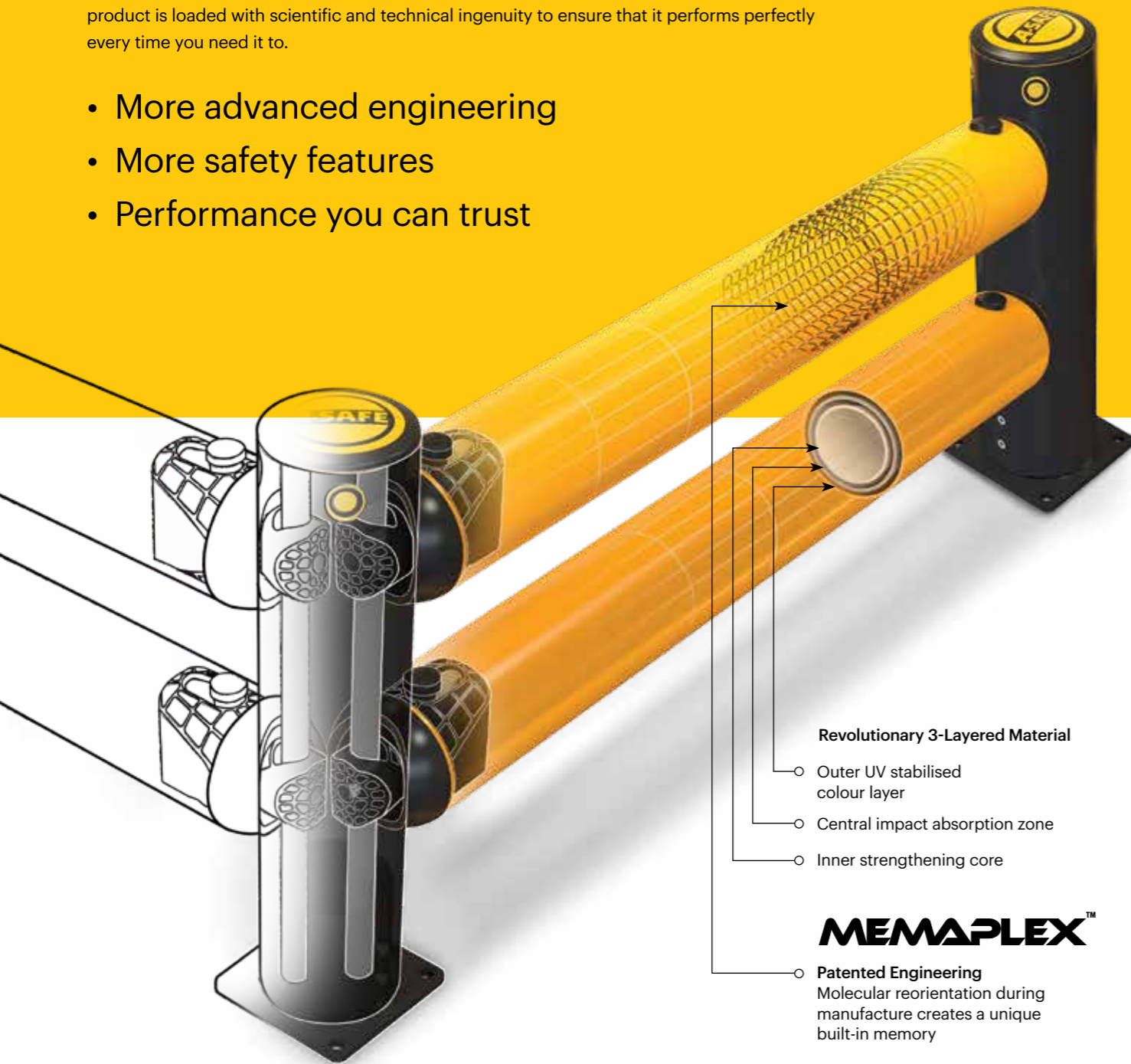
We perform an average of **5 impact tests a day** and over **1,000 tests annually**. That equates to more than **10,000 tests** since creating our in-house test facility.



Scientifically Engineered Safety

Whether in the resilience, flexibility and in-built memory of our exclusive Memaplex™ material or the unrivalled energy absorption of our patented 3-phase coupling system, every A-SAFE product is loaded with scientific and technical ingenuity to ensure that it performs perfectly every time you need it to.

- More advanced engineering
- More safety features
- Performance you can trust



FLEX



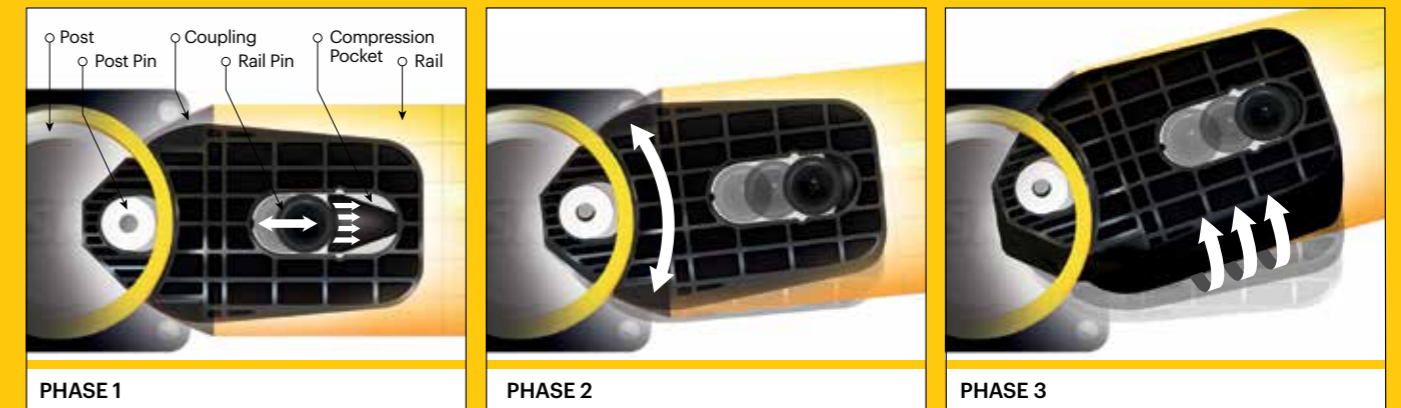
ABSORB



RECOVER

Patented Energy Absorption System

3-phase system that activates sequentially for unparalleled energy absorption



Unrivalled Performance

- M** Exclusive shock absorbing Memaplex™ polymer
- ISO 868** Abrasion resistant with a hardness of 66 to ISO 868
- ISO/TR 10358** Purpose-engineered built-in memory for full recovery and repeat use
- ISO/TR 10358** No corrosion and chemically inert to ISO/TR 10358
- PATENTED** Patented Coupling Technology reduces and dissipates dynamic load energy for unequalled energy absorption
- Apple** Material complies with EU & FDA food contact regulations
- 80%** 80% of impact force is absorbed
- Hygiene** Hygiene seals eliminate ingress points
- No floor damage** No floor damage, preserved fixings
- Electrophoretic** Electrophoretic coated bases tested to withstand 2000 hours exposure to accelerated salt spray with no rust
- Reduced maintenance** Reduced maintenance, repair and replacement
- Modularity** Modularity allows rails and posts to be replaced independently without removing adjacent barriers
- No repainting** No repainting as system is self-coloured
- bsi. PAS13** Performance rated and compliant to PAS 13:2017
- UV** UV protected and tested to ISO 4892-3
- TUV** TUV certified
- Blue Wool** Colour fast to 7/8 on the Blue Wool Scale

Pedestrian Barriers



iFlex Pedestrian Barrier 3 Rail

"A-SAFE was considered to be the best option. It is the most cost-effective, especially in the long-term... A-SAFE offer an entirely flexible solution."

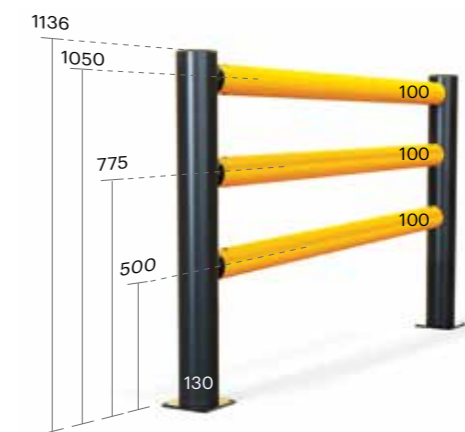
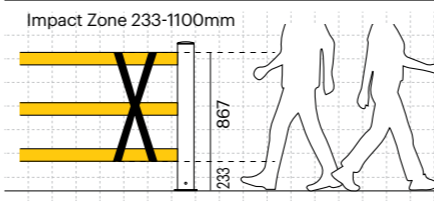
**Senior Health and Safety Specialist
TOYOTA MANUFACTURING**



eFlex™
Pedestrian Barrier 3 Rail

2kN*
Weight of 2 adults leaning (200kg)

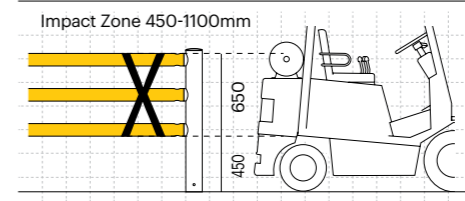
- ✓ Electrophoretic Coated Base



iFlex™
Pedestrian Barrier 3 Rail

8,200 Joules*
3.2 Tonne vehicle at 5mph

- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base
- ✓ Additional Base Options
- ✓ Hygiene Sealed



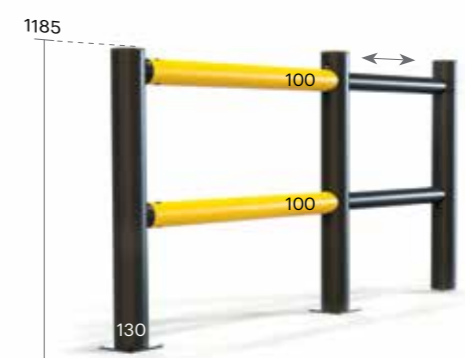
Gates



Long Short

iFlex™
Swing Gate
Short - Suitable for widths - 800-1200mm
Long - Suitable for widths - 1300-2000mm

- ✓ Short Gate - Hydraulic Self-Close
- ✓ Long Gate - Stay-Open
- ✓ Double Swing Action
- ✓ Gate Stops Included as Standard



iFlex™
Slide Gate
Available in 1000mm, 1500mm and 2000mm widths

- ✓ Stay-Open
- ✓ Telescopic Sliding Motion
- ✓ Space Optimised

- Segregate pedestrians
- Guide personnel and visitors
- Define walkways and safe areas
- Restrict people to defined routes
- Clearly mark crossing places
- Designate safe access and exit points



iFlex Pedestrian Barrier separating traffic and protecting pedestrians within a factory.



eFlex Pedestrian Barrier guiding pedestrians along a designated route in a warehouse.



iFlex Swing Gate providing safe access to the shop floor.

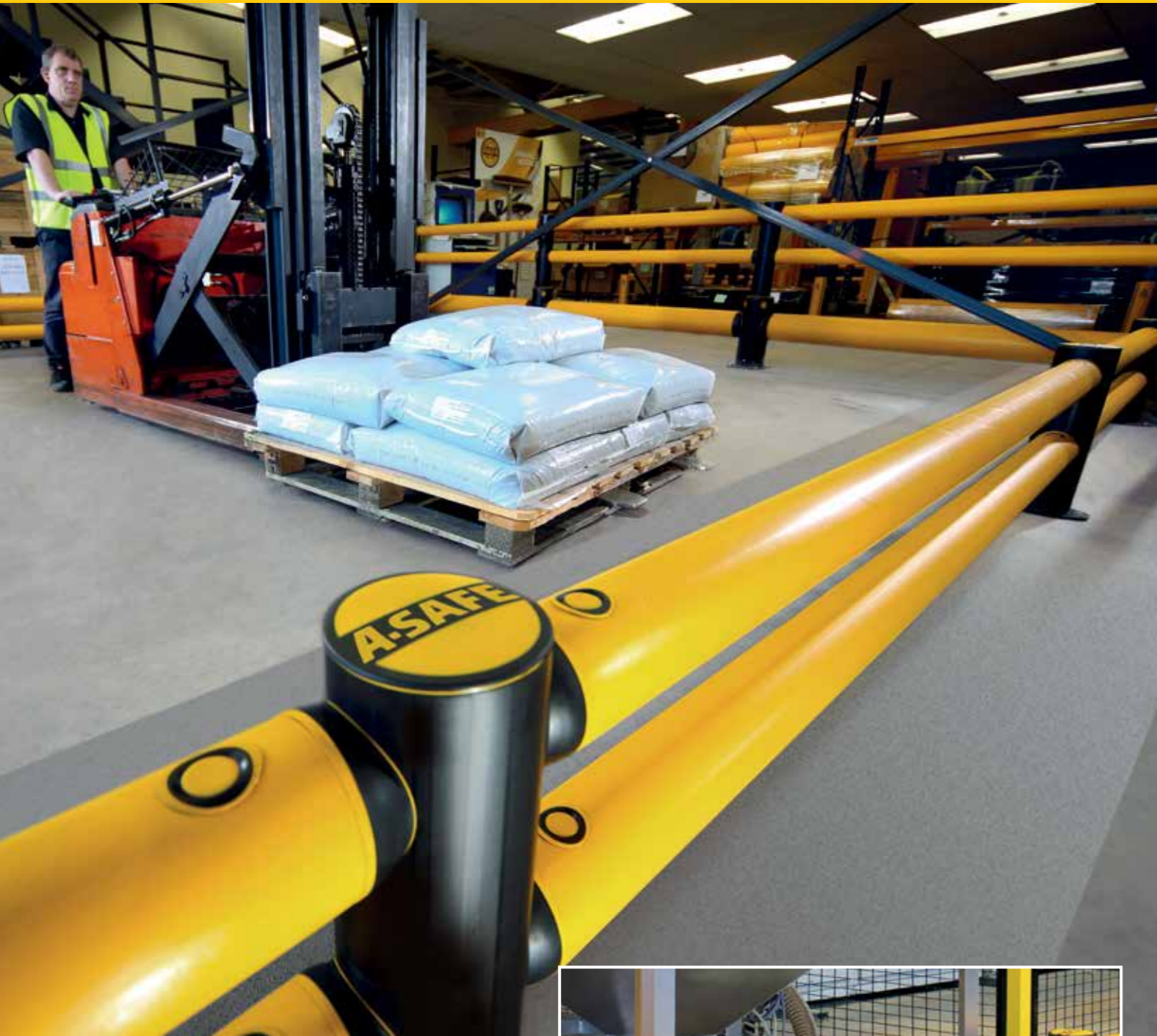


iFlex Slide Gate creating a non-intrusive opening into a pedestrian-vehicle crossing point.

*Ultimate energy load at 45° on a 1.5m rail. All measurements in mm.

Joules ratings are provided for your reference only. Our expert technical teams will always recommend the correct specification for your needs. Impact resistance is subject to environmental factors. See individual data sheets for more information. Data is accurate at time of writing.

Micro Barriers



mFlex Single Traffic Barrier

“In addition to how well the barriers perform, the savings in barriers and warehouse protection maintenance costs has dropped dramatically.”

**Regional Supply Chain Director
NESTLÉ**



mFlex

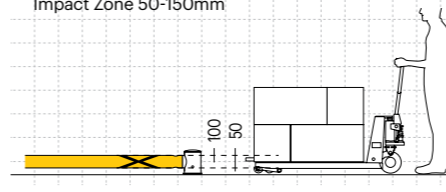
Single Traffic Barrier Ground Level

3,850 Joules*
1.5 Tonne vehicle at 5mph



- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base
- ✓ Additional Base Options
- ✓ Hygiene Sealed

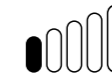
Impact Zone 50-150mm



mFlex

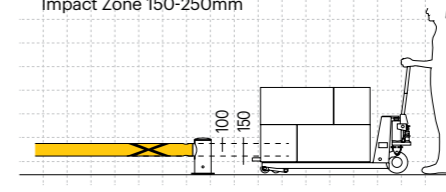
Single Traffic Barrier

3,850 Joules*
1.5 Tonne vehicle at 5mph



- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base
- ✓ Additional Base Options
- ✓ Hygiene Sealed

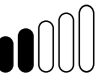
Impact Zone 150-250mm



mFlex

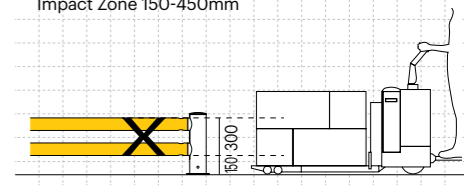
Double Traffic Barrier

6,500 Joules*
2.6 Tonne vehicle at 5mph



- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base
- ✓ Additional Base Options
- ✓ Hygiene Sealed

Impact Zone 150-450mm



- Segregate light duty vehicles
- Safeguard walls, structures, goods and machinery
- Protect against low level impacts
- Shield surfaces from the wear and tear of frequent glancing blows
- Restrict vehicles and their loads to a defined route
- Prevent items encroaching into protected areas
- Delineate storage zones



mFlex Single Traffic protecting metal fencing from pallet trucks at low level.



mFlex Double Traffic creating a perimeter for storage areas.



mFlex Single Traffic Ground Level creating demarcation of pallet loading zone.



mFlex Single Traffic guiding vehicles and restricting access to a production line.

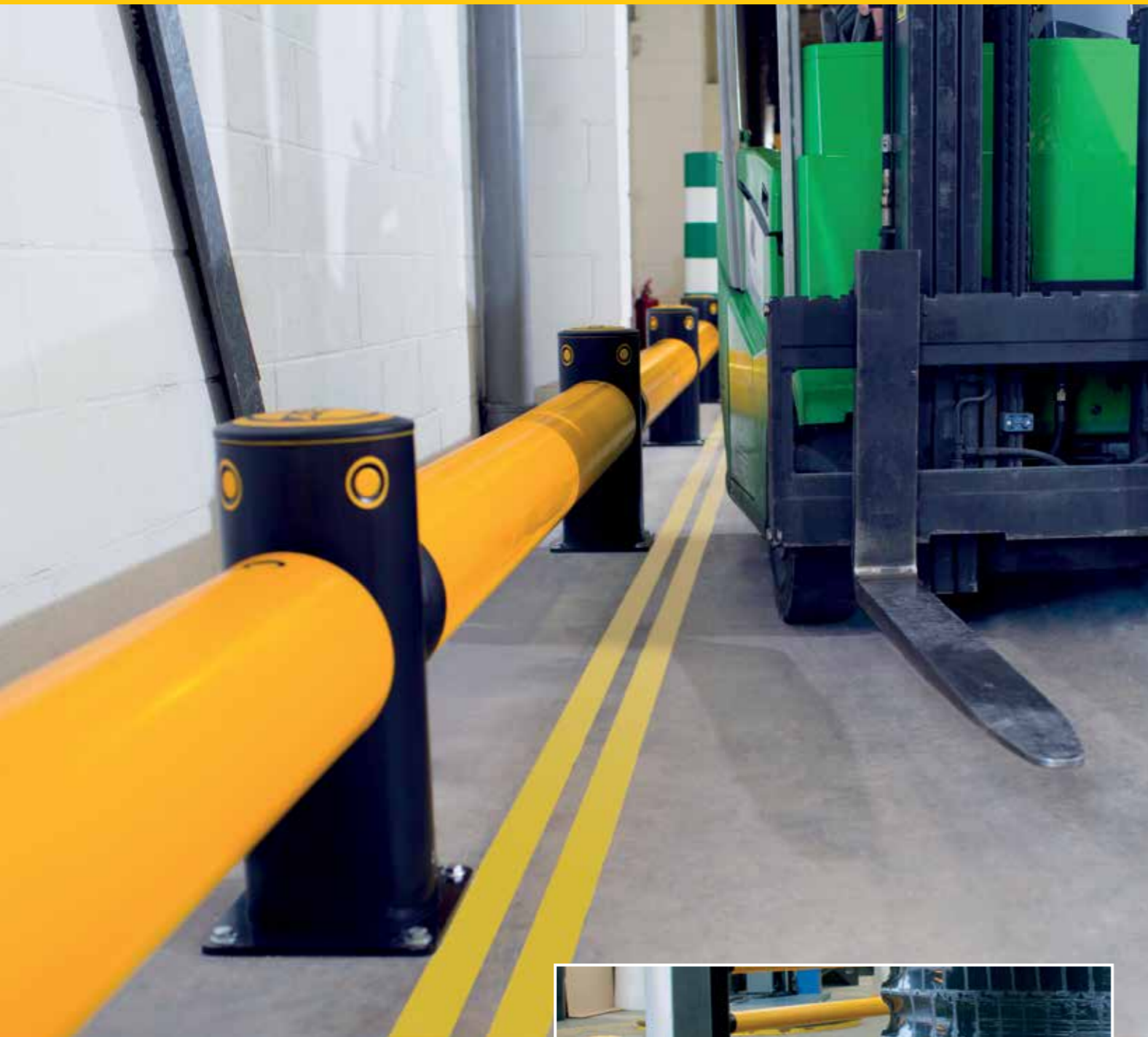


mFlex Double Traffic shielding equipment along a vehicle route.

*Ultimate energy load at 45° on a 1.5m rail. All measurements in mm.

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Single Traffic Barriers



iFlex Single Traffic Barrier

"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."

**Engineering Manager
COCA-COLA**



eFlex

Single Traffic Barrier

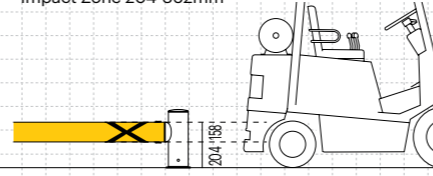
14,400 Joules*

4 Tonne vehicle at 6mph



- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base

Impact Zone 204-362mm



iFlex

Single Traffic Barrier

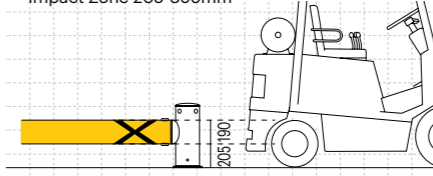
21,350 Joules*

5.9 Tonne vehicle at 6mph



- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base
- ✓ Additional Base Options
- ✓ Hygiene Sealed

Impact Zone 205-395mm



iFlex

Single Traffic Barrier High Level

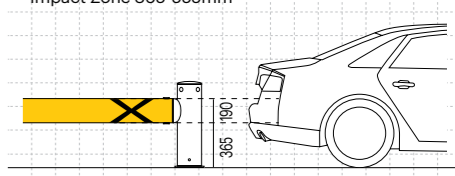
21,350 Joules*

1.5 Tonne vehicle at 12.4mph



- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base
- ✓ Additional Base Options
- ✓ Hygiene Sealed

Impact Zone 365-555mm



- Segregate workplace vehicles
- Protect buildings, machinery and equipment from impact damage
- Resist and deflect wayward vehicles from colliding with essential assets
- Provide visual guidance for drivers
- Define and defend traffic routes
- Streamline the movement of traffic
- Avoid incidents and downtime



iFlex Single Traffic protecting machinery in a packaging facility.



iFlex Single Traffic High Level shielding the perimeter of a split level car park.



eFlex Single Traffic defending equipment in a manufacturing facility.



iFlex Single Traffic defining vehicle routes in a new build packing facility.

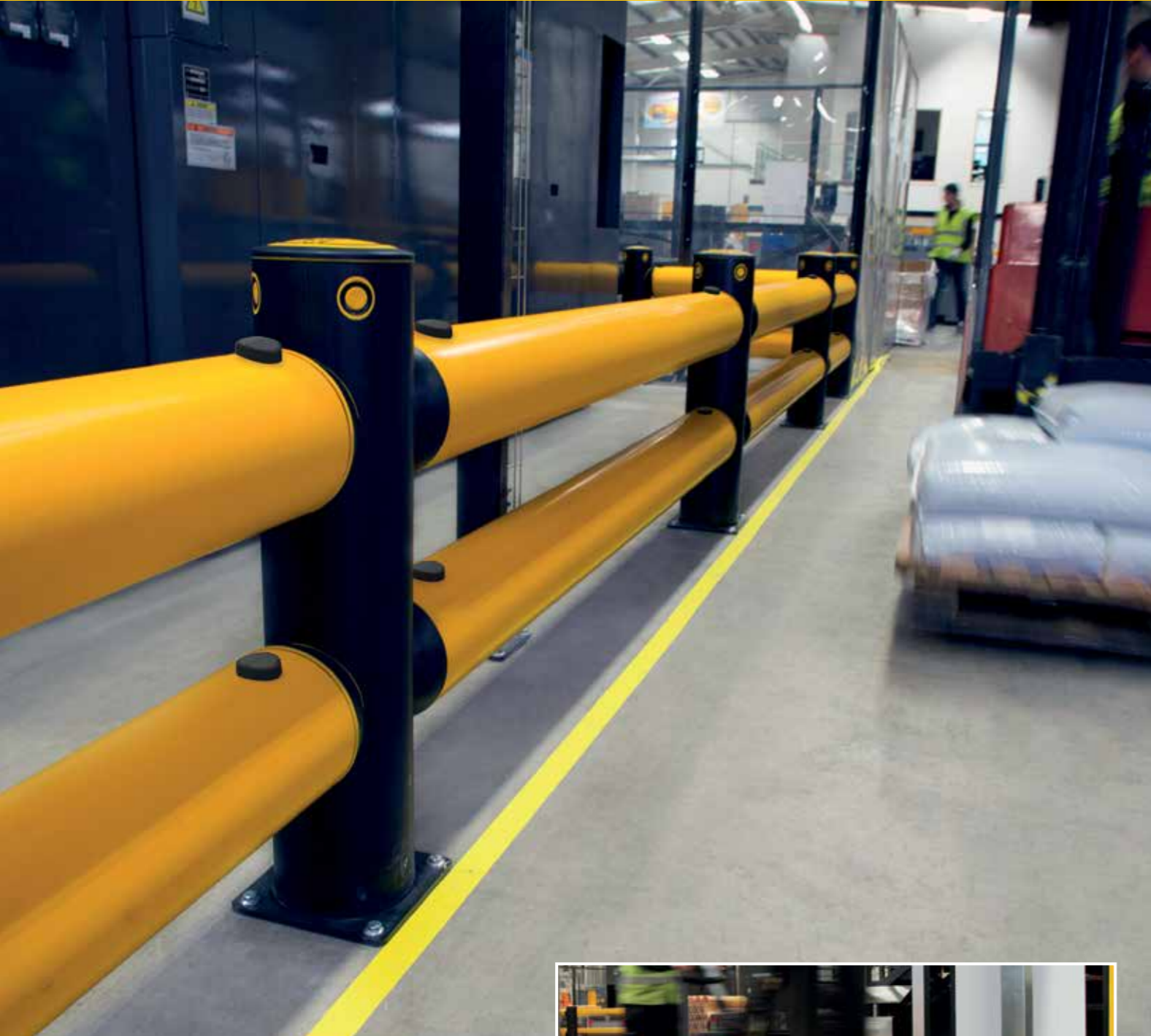


iFlex Single Traffic High Level guarding boundaries in a multi-storey car park.

*Ultimate energy load at 45° on a 2m rail. All measurements in mm.

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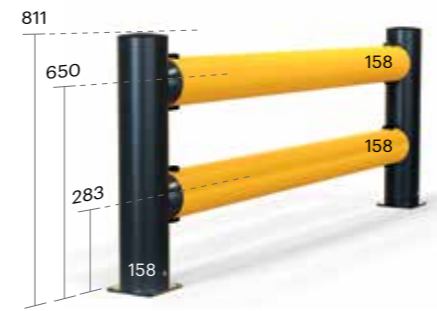
Double Traffic Barriers



iFlex Double Traffic Barrier

"Barriers that were installed eight years ago in our transit area show no signs of erosion...Since the installation of A-SAFE barriers, damages are decreased in the building and at our facilities."

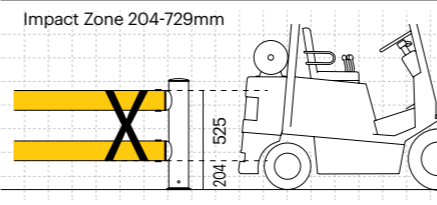
**Occupational Safety Specialist
RITTER SPORT**



eFlex
Double Traffic Barrier

19,000 Joules*
5.2 Tonne vehicle at 6mph

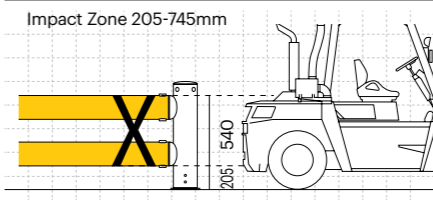
- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base



iFlex
Double Traffic Barrier

28,950 Joules*
8 Tonne vehicle at 6mph

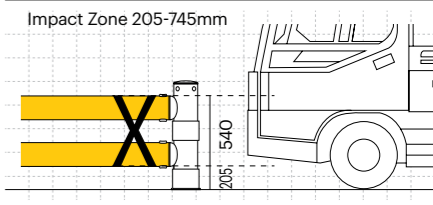
- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base
- ✓ Additional Base Options
- ✓ Hygiene Sealed



Atlas
Double Traffic Barrier

28,950 Joules*
8 Tonne vehicle at 6mph

- ✓ Patented Coupling Technology
- ✓ Galvanised Base as Standard
- ✓ Additional Base Options
- ✓ Heavy Duty Self-Undercutting Anchors
- ✓ Rotating Wear Collars
- ✓ Enhanced Pull-Out Resistance
- ✓ Hygiene Sealed



- Segregate heavyweight vehicles
- Shield high traffic areas
- Protect buildings, machinery and equipment from impact damage
- Resist and deflect straying vehicles from colliding with essential assets
- Provide visual guidance for drivers
- Define and defend traffic routes
- Streamline the movement of traffic
- Avoid incidents and downtime



iFlex Double Traffic protecting main sprinkler system in a food processing factory.



Atlas Double Traffic with reflective striping protecting an airport mast and electrical unit.



eFlex Double Traffic shielding equipment in a manufacturing facility.



iFlex Double Traffic protecting a mill turn CNC machine in a manufacturing facility.



Atlas Double Traffic defending an airport runway lighting pylon.

*Ultimate energy load at 45° on a 2m rail. All measurements in mm.

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Traffic Barriers+



iFlex Double Traffic Barrier+

“Due to the resilience of the material and its ability to deflect and bend under loads, damage to the driver or pedestrian is reduced as is the need for constant repair.”

**Facilities Engineer
KIMBERLY-CLARK**

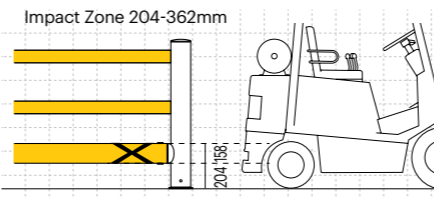


eFlex

Single Traffic Barrier+

14,400 Joules* 
4 Tonne vehicle at 6mph

- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base

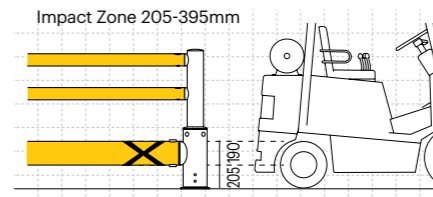


iFlex

Single Traffic Barrier+

21,350 Joules* 
5.9 Tonne vehicle at 6mph

- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base
- ✓ Additional Base Options
- ✓ Hygiene Sealed

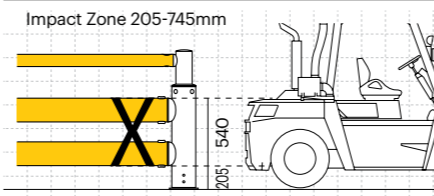


iFlex

Double Traffic Barrier+

28,950 Joules* 
8 Tonne vehicle at 6mph

- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base
- ✓ Additional Base Options
- ✓ Hygiene Sealed

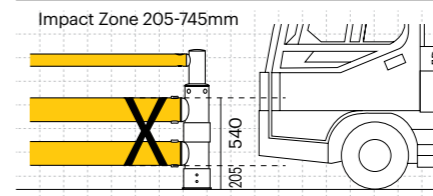


Atlas

Double Traffic Barrier+

28,950 Joules* 
8 Tonne vehicle at 6mph

- ✓ Patented Coupling Technology
- ✓ Galvanised Base as Standard
- ✓ Additional Base Options
- ✓ Heavy Duty Self-Undercutting Anchors
- ✓ Rotating Wear Collars
- ✓ Enhanced Pull-Out Resistance
- ✓ Hygiene Sealed



- Segregate pedestrians and vehicles
- Protect against high energy impacts where people also operate
- Define and defend pedestrian and vehicle routes
- Create pedestrian safe zones
- Control the movement of traffic



iFlex Single Traffic+ protecting a pedestrian work zone in a busy distribution centre.



iFlex Single Traffic+ creating picking lanes in a high traffic warehouse environment.



iFlex Double Traffic+ protecting pedestrian walkway from heavy commercial vehicles.



Atlas Double Traffic+ barriers protecting pedestrian walkways.

*Ultimate energy load at 45° on a 2m rail. All measurements in mm.

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Topple Barriers



"In comparison to other safety barriers, A-SAFE proves to be the most cost-effective way of ensuring a high level of safety on our site...By choosing A-SAFE we have lowered the risk of any major damage."

**Quantity Surveyor
IBM**



iFlex Topple Barrier

1. Base sections

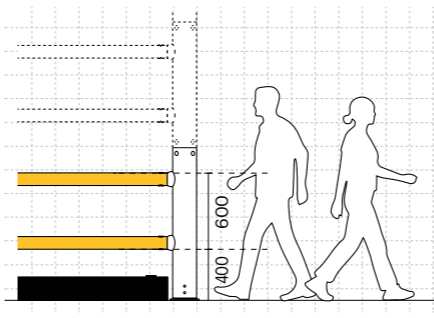
Select the base section best suited for your facility and traffic



iFlex
Topple Barrier

400kg Horizontal Load
Equivalent 1 Tonne Pallet

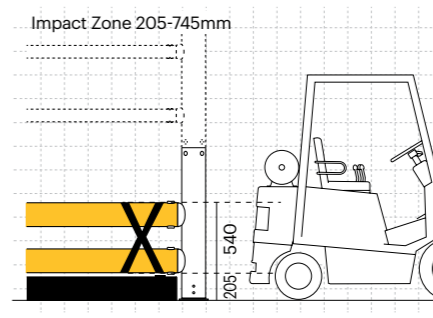
- ✓ Protects Pedestrians from Topple Accidents
- ✓ Fork Protection as Standard
- ✓ Electrophoretic Coated Base
- ✓ Additional Base Options



iFlex
Heavy Duty Topple Barrier

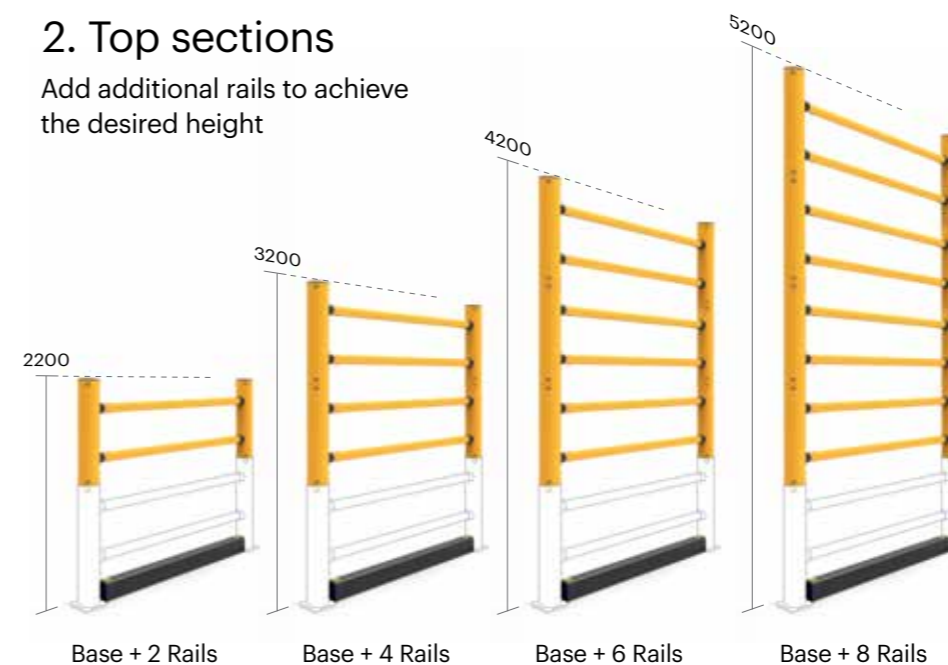
28,950 Joules*
8 Tonne vehicle at 6mph

- ✓ Protects Pedestrians from Vehicle Impacts and Topple Accidents
- ✓ Fork Protection as Standard
- ✓ Electrophoretic Coated Base
- ✓ Additional Base Options



2. Top sections

Add additional rails to achieve the desired height

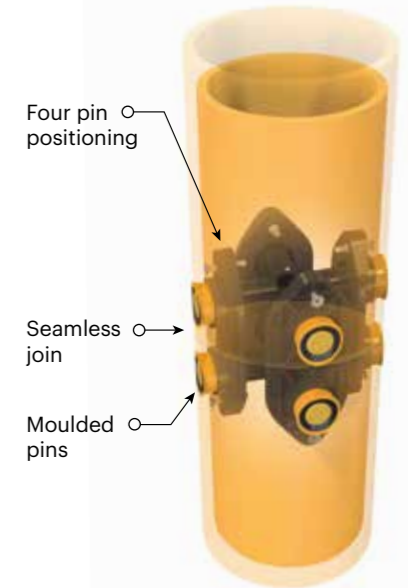


*Ultimate energy load at 45° on a 2m rail. All measurements in mm.

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- Segregate vehicles from pedestrians, buildings and equipment
- Protect from floor to height
- Isolate high level hazards
- Shield mezzanines and split level buildings
- Define and defend traffic routes
- Secure high-storage zones
- Prevent the dangerous toppling of stacked goods

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. 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.



iFlex Topple Barrier protecting pedestrians from stacked bulk goods.

ForkGuard



iFlex ForkGuard Barrier

“It’s pre-coloured, doesn’t rust, is fork-lift-truck-proof, never needs painting and is highly visible...more cost effective than steel, easily cleaned with normal cleaning fluids, easily and cheaply installed with little maintenance costs; brilliant!”

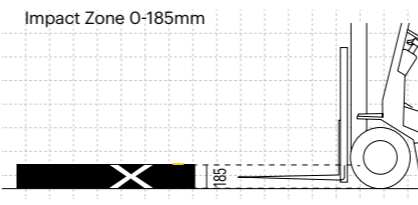
Site Manager
SEABROOK CRISPS



eFlex ForkGuard Barrier

3,000 Joules*
1.9 Tonne vehicle at 4mph

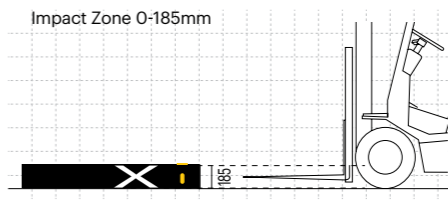
- ✓ Simple Install From Above
- ✓ Fork Deflection



iFlex ForkGuard Barrier

4,500 Joules*
2.6 Tonne vehicle at 4mph

- ✓ Retro Fit Under Existing Barriers
- ✓ Anti-Pierce AERO™ Core
- ✓ Simple Installation From Side



Precision engineered AERO technology

New and exclusive AERO Technology provides powerful internal reinforcement along the full length of the protective body, delivering unprecedented levels of impact resistance and fork protection.

- Reinforced resistance
- Fortified flexibility
- Anti-piercing protection

- Segregate vehicles with low impact zones
- Protect walls, buildings, critical structures and equipment at ground level
- Shield from vehicle forks
- Define and guard traffic routes
- Protect against shallow angular impacts
- Prevent items protruding into work areas
- Create pallet stops for stored goods
- Integrate with barrier systems where there is a risk of fork penetration



eFlex ForkGuard with corner posts shielding the feet of a high level conveyor system in a distribution centre.



iFlex ForkGuard guarding crane columns from fork penetration in a manufacturing facility.



eFlex ForkGuard protecting walls at ground level in a distribution facility.



iFlex ForkGuard protecting walls at ground level in a high traffic logistics centre.



iFlex Single Traffic Barrier combined with iFlex ForkGuard to protect facility walls.

*Ultimate energy load at 90° above a 1m length. All measurements in mm.

Joules ratings are provided for your reference only. Our expert technical teams will always recommend the correct specification for your needs. Impact resistance is subject to environmental factors. See individual data sheets for more information. Data is accurate at time of writing.

Column and Corner Guards



FlexiShield

“A-SAFE Column Protection has safeguarded all the many support columns around the perimeter as well as supporting the open internal column supports.”

**Warehouse Manager
CO-OP**

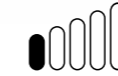


FlexiShield™

Column Guard

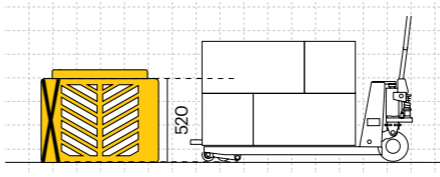
1,600 Joules*

1.3 Tonne vehicle at 3mph



- ✓ Interlocking Stackability
- ✓ Universal Square & Rectangle Columns
- ✓ Wrap Around Solution
- ✓ Encased Fixings
- ✓ Fork Deflection
- ✓ Simple Installation

Impact Zone 0-520mm

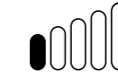


FlexiShield™

Corner Guard

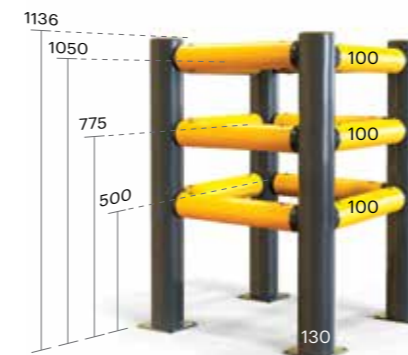
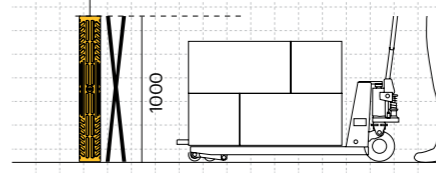
200 Joules*

1.5 Tonne vehicle at 1mph



- ✓ Stackability Increases Impact Zone to any Height
- ✓ Simple Installation
- ✓ Space Optimised

Impact Zone 0-1000mm



iFlexRail™

Column Guard

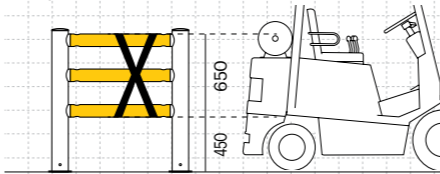
8,200 Joules**

3.2 Tonne vehicle at 5mph



- ✓ Patented Coupling Technology
- ✓ Any Column Shape or Location
- ✓ Isolated System
- ✓ Hygiene Sealed

Impact Zone 450-1100mm



iFlexRail™

Column Guard+

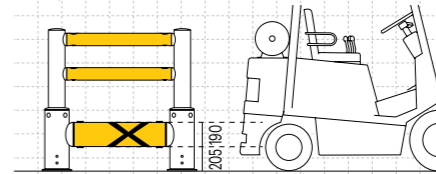
19,450 Joules**

5.4 Tonne vehicle at 6mph



- ✓ Patented Coupling Technology
- ✓ Any Column Shape or Location
- ✓ Isolated System
- ✓ Hygiene Sealed

Impact Zone 205-395mm



- Segregate and guide vehicles away from critical structures
- Physically protect columns, building supports and vertical structures from impact damage
- Provide visual guidance for drivers
- Shield infrastructure from vehicle collisions
- Defend any size, shape or location of column
- Safeguard structures of any height



Corner Guard protecting wall edges of a facility.



iFlexRail Column Guard protecting a waterfall pipe in a pedestrian area of a distribution facility.



iFlexRail Column Guard+ guarding a fluted column base in a hygiene sensitive environment.



FlexiShield Column Guards providing high level protection to a rectangle beam on a corner.

*Ultimate energy load at 90°. **Ultimate energy load at 45° on a 1.5m rail. All measurements in mm.

Joules ratings are provided for your reference only. Our expert technical teams will always recommend the correct specification for your needs. Impact resistance is subject to environmental factors. See individual data sheets for more information. Data is accurate at time of writing.

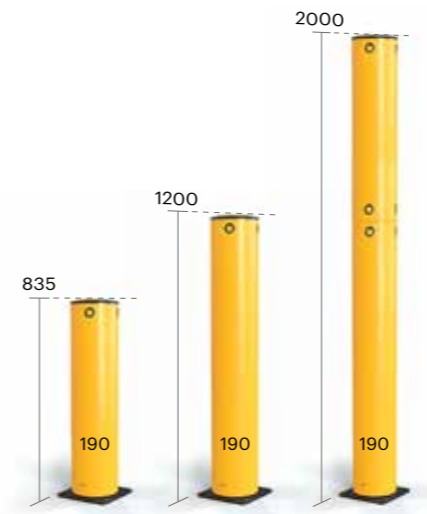
Bollards



iFlex 1200mm Heavy Duty Bollard

"A-SAFE have been tremendously effective in providing protected walkways for public safety. The reason we chose A-SAFE bollards was because of price, ease of fitting, visibility and durability."

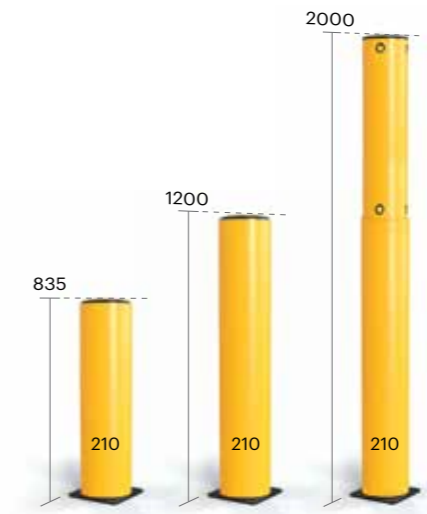
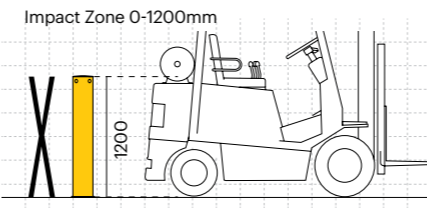
**Senior Facilities Manager
Bluewater Shopping Centre**



iFlex
Bollard

6,900 Joules*
4.3 Tonne vehicle at 4mph

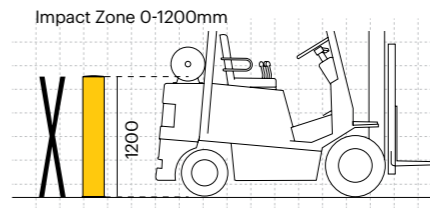
- ✓ Energy Absorbing Core
- ✓ Electrophoretic Coated Base
- ✓ Additional Base Options



iFlex
Bollard with Wear Collar

6,900 Joules*
4.3 Tonne vehicle at 4mph

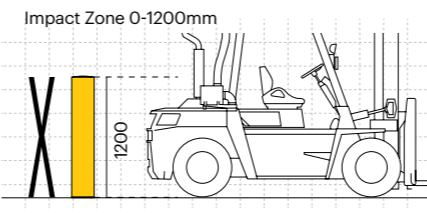
- ✓ Energy Absorbing Core
- ✓ Electrophoretic Coated Base
- ✓ Additional Base Options
- ✓ Wear Collar for Added Protection



iFlex
Heavy Duty Bollard

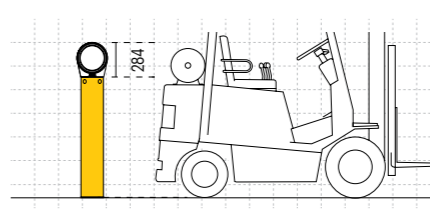
8,800 Joules*
10 Tonne vehicle at 3mph

- ✓ High Impact Reinforced Core
- ✓ Wear Collar for Added Protection
- ✓ Heavy Duty Galvanized Base



Sign Cap

- ✓ Ideal for Health and Safety Information
- ✓ Simple Installation
- ✓ Can be Retrofitted



*Ultimate energy load at 90°. All measurements in mm.

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- Protect structures from impact damage
- Safeguard machinery while allowing access
- Defend sharp turns, corners and vulnerable impact points
- Provide a physical presence for access and guidance control for pedestrians and drivers



Bollards used to defend entranceway columns in storage facility.



Bollards shielding door frames and shutter runners in a newly built warehousing and distribution centre.



Heavy Duty Bollards segregating workplace vehicles from pallet areas.

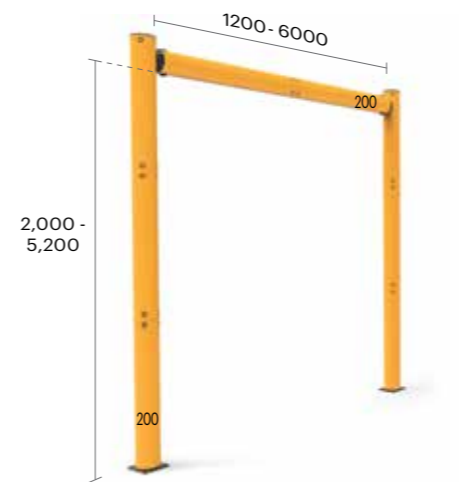


Sign Cap providing essential health and safety information.

Height Restrictor and Alarm Bar



Height Restrictor

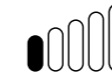


iFlex

Height Restrictor

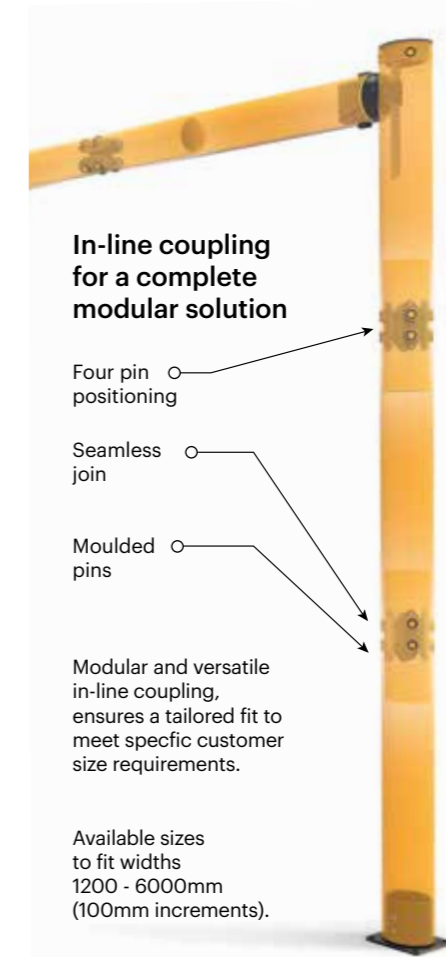
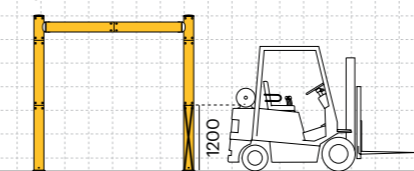
5,400 Joules*

6 Tonne vehicle at 3mph



- ✓ Energy Absorbing Core
- ✓ Electrophoretic Coated Base
- ✓ Additional Base Options

Impact Zone 0-1200mm



In-line coupling for a complete modular solution

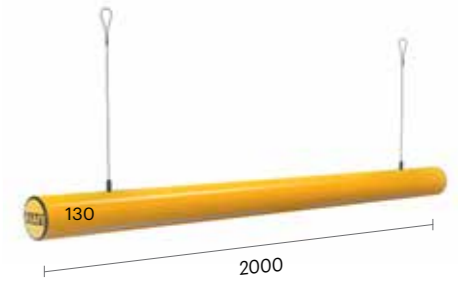
Four pin positioning

Seamless join

Moulded pins

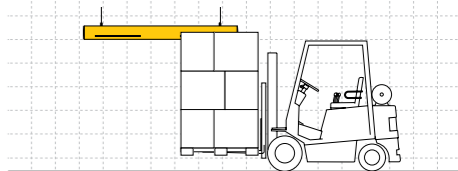
Modular and versatile in-line coupling, ensures a tailored fit to meet specific customer size requirements.

Available sizes to fit widths 1200 - 6000mm (100mm increments).



Alarm Bar

- ✓ 102dB Auditory Alert
- ✓ 68lm/M Flashing Red Indicator Strips
- ✓ Double Fitting Gripples For Easy Install
- ✓ 2 Year Battery Life
- ✓ Versatile Overhead Application



- Protect the edges of doorway openings
- Shield overhead equipment and cables
- Prevent impact damage from high vehicles, high vehicle loads and fork lift truck masts
- Warn vehicle drivers that their vehicle or load is too high

- Protects overhead assets
- Safeguards infrastructure, such as doorframes and loading docks
- Audible and visible alarms to prevent damage



Height Restrictor providing visual guidance and physical protection for vehicle drivers.



Height Restrictor protecting the edge of a doorway.



Multiple Alarm Bar safeguarding an overhead structure.



The Alarm Bar providing a visual alert to a vehicle driver.



The Alarm Bar providing an audible alarm to alert a vehicle driver.

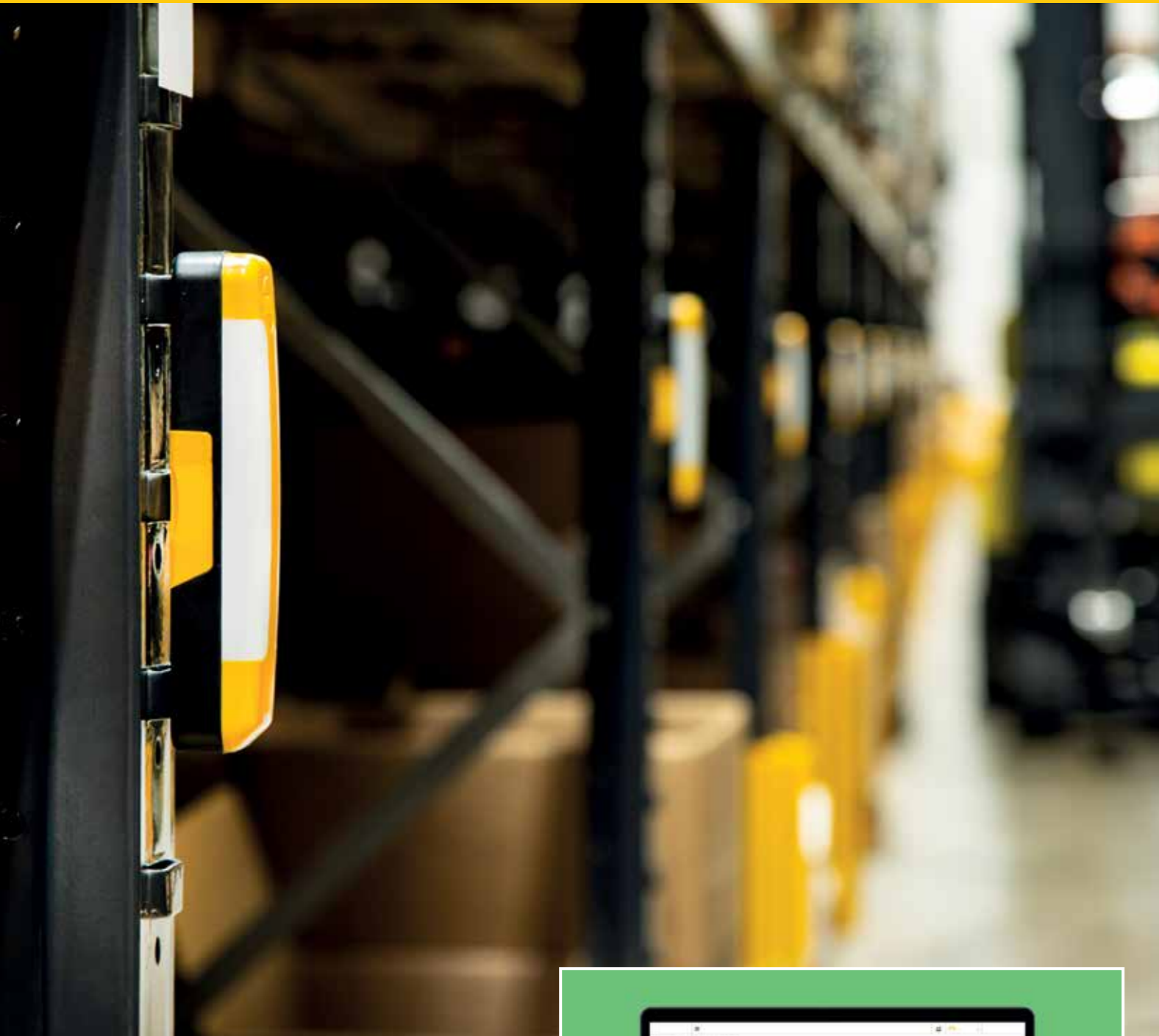
"We decided to have A-SAFE installed and we've been very pleased with the way they've ensured greater safety throughout the depot."

**Risk & Facilities Manager
DHL**

*Ultimate energy load at 90°. All measurements in mm.

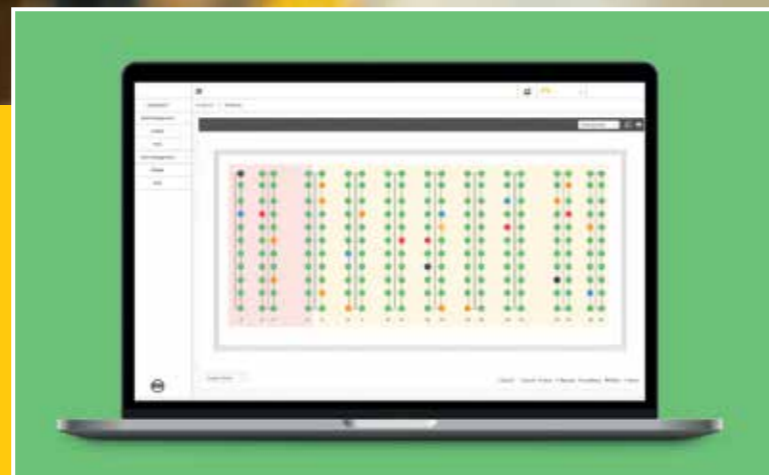
Joules ratings are provided for your reference only. Our expert technical teams will always recommend the correct specification for your needs. Impact resistance is subject to environmental factors. See individual data sheets for more information. Data is accurate at time of writing.

RackEye Powered by **conek**



“We’ve seen a 75% reduction in impacts”

Head of Production Logistics and Scheduling
Vaillant Group



RackEye Dashboard – a convenient 2D map allows you to check the real-time status of all your warehouse racking at a glance.

24/7
MONITOR | ALERT | PREVENT

Rack impacts can lead to operational disruption, missed KPIs and escalating maintenance costs. In the most extreme cases, they could even result in racks failing altogether. But how do you know when there has been an incident? Can you rely on your team to report impacts every time they happen? RackEye offers an intelligent solution to this problem by instantly notifying you when an impact occurs and allowing you to monitor the condition of your warehouse racking 24/7.

Warehouses are busy environments, with people and vehicles competing for space to pick and dispatch orders quickly and accurately. However, warehouse managers are also under significant pressure to optimise storage to accommodate more goods and faster turnaround times – often at the expense of aisle space between warehouse racks. With less room for forklifts to manoeuvre, the chance of rack impact incidents increases and with it, the possibility of employee injuries, operational disruption and costly rack repairs. Employees will usually report more serious incidents, but what about the smaller impacts that can lead to cumulative damage? Can you be sure that you know where the hidden impact hotspots are in your warehouse?



RackEye provides the solution by monitoring the health of your racking infrastructure around the clock, providing you and your team with real time notifications the instant an impact occurs. Long-term impact data reporting allows you to track incident trends, measure driver or shift performance, and identify potential issues with the design of your facility quickly, simply and conveniently from your smartphone, tablet or computer.

A complete turnkey solution for monitoring your rack health, RackEye helps you to address both the immediate challenges of racking impact incidents and your longer-term strategic objectives for optimising safety and performance within your warehouse operations.

RackEye key benefits



Instant detection of rack impacts.



Extensive analytics and KPI measurement.



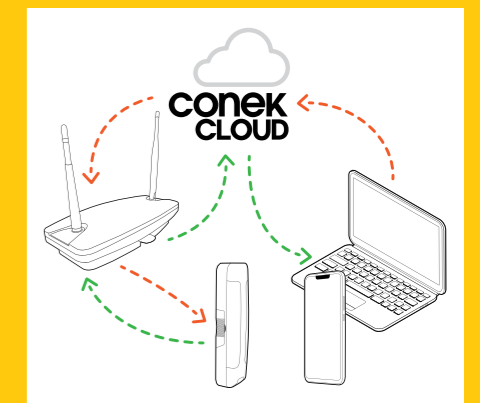
Immediate SMS rack impact notifications.



Improved driver behaviour.

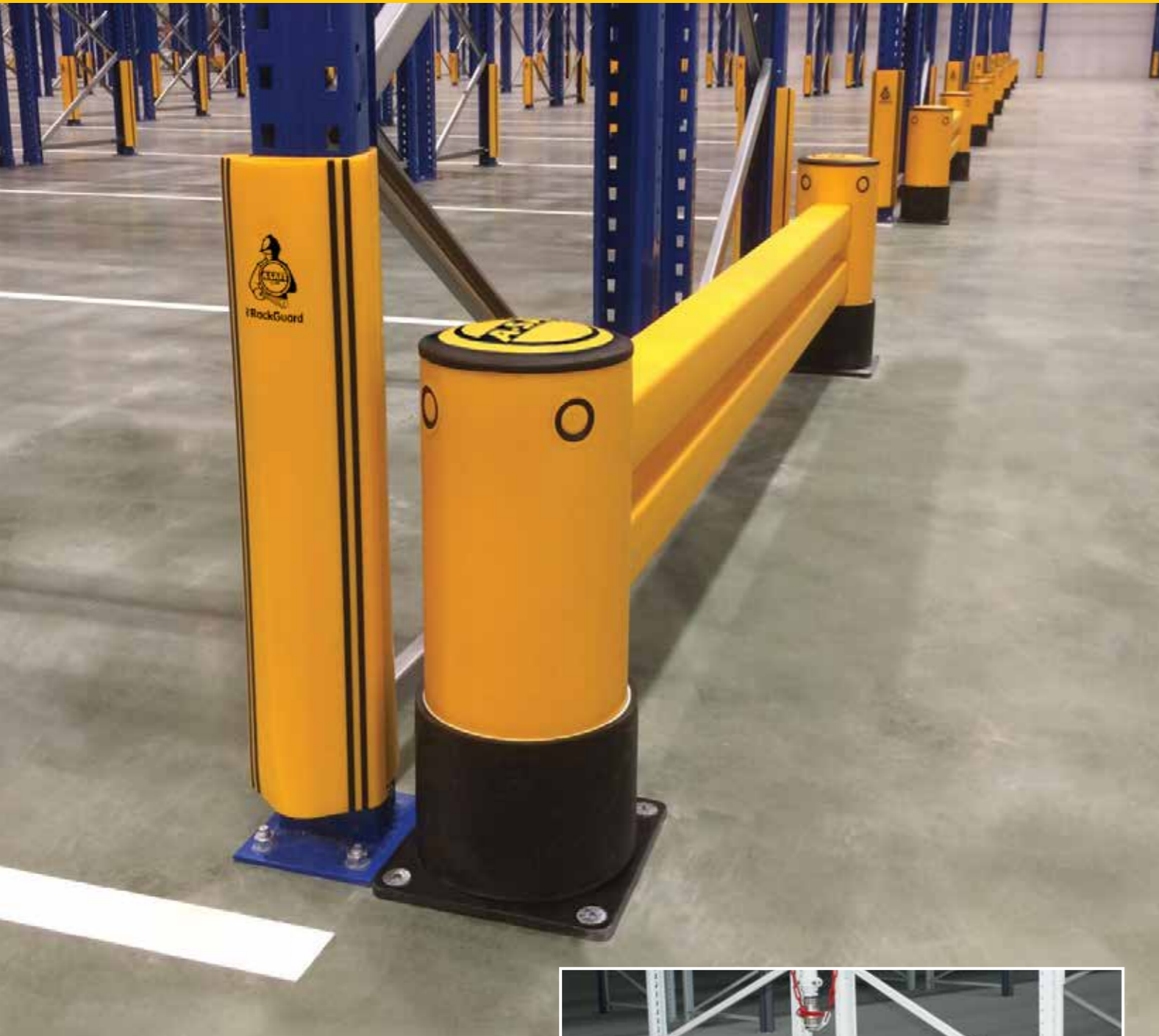


Guided rack inspection to EN15635:2008.



Fully secure and independent of your IT networks.

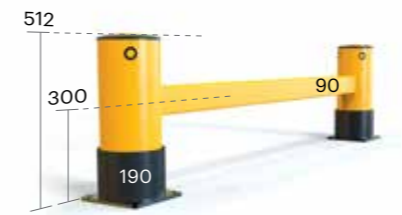
RackEnd Barriers




RackGuard & iFlex Single RackEnd Barrier

“RackEnd Single Rail units in the new freezer storage facility... A-SAFE worked with us to create the racking protection system which will accommodate the low temperature.”

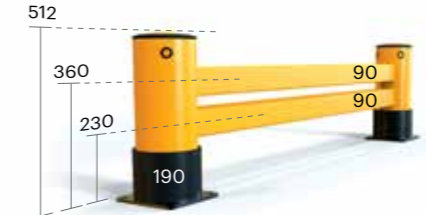
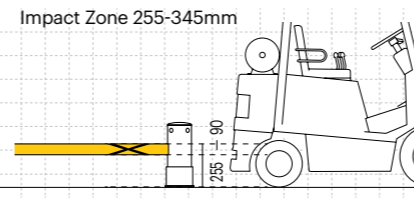
Warehouse Manager
CO-OP Distribution Centre



eFlex
Single RackEnd Barrier

5,600Joules* 
3.5 Tonne vehicle at 4mph

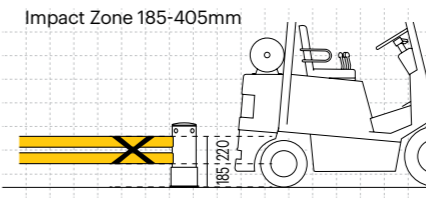
- ✓ Rotating Wear Collars
- ✓ Simple Installation
- ✓ Electrophoretic Coated Base



eFlex
Double RackEnd Barrier

8,400Joules* 
5.2 Tonne vehicle at 4mph

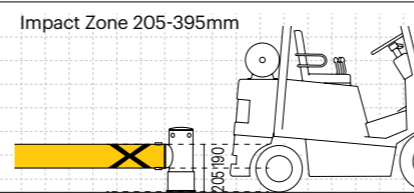
- ✓ Rotating Wear Collars
- ✓ Simple Installation
- ✓ Electrophoretic Coated Base




iFlex
Single RackEnd Barrier

21,350Joules* 
8.5 Tonne vehicle at 5mph

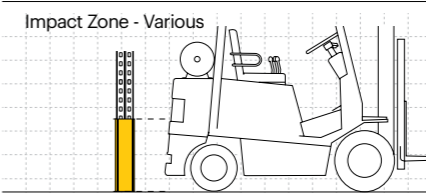
- ✓ Patented Coupling Technology
- ✓ Rotating Wear Collars
- ✓ Electrophoretic Coated Base
- ✓ Hygiene Sealed



RackGuard
Rack Leg Protector

1,000Joules** 

- ✓ Compression Hinge
- ✓ Centralising Rubber Lug
- ✓ Simple Installation



- Protect vulnerable racking from catastrophic damage
- Absorb and deflect repeated glancing contact from turning vehicles
- Defend against vehicle fork impacts



eFlex Single RackEnd used with RackGuard to protect racking at warehouse facility.



eFlex Double RackEnd used with iFlex ForkGuard to protect racking from vehicles and forks at distribution centre.



iFlex Single RackEnd Barrier used to protect racking at retail warehouse and distribution centre.



RackGuards used at vulnerable impact points on rack legs at packaging warehouse facility.

*Ultimate energy load at 45° on a 2m rail. **Ultimate energy load at 90°. All measurements in mm.

Joules ratings are provided for your reference only. Our expert technical teams will always recommend the correct specification for your needs. Impact resistance is subject to environmental factors. See individual data sheets for more information. Data is accurate at time of writing.

Service Yard Protection



iFlex Dock Gate

“The General Manager was so impressed that we ordered further quantities of the protector systems and we’re now converting our whole site to A-SAFE.”

**Engineering Manager
DHL**

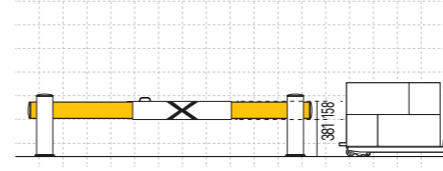


eFlex Dock Gate

4,000 Joules*
2.5 Tonne vehicle at 4mph

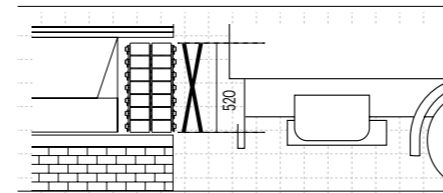
- ✓ Patented Protective Technology
- ✓ Electrophoretic Coated Base

Impact Zone 381-539mm



Dock Roller

Unlike standard dock buffers our innovative roller system works differently to avoid wear and tear and ensure docking bays stay protected. The unique roller system has a high impact polymer outer and a shock absorbing inner layer.

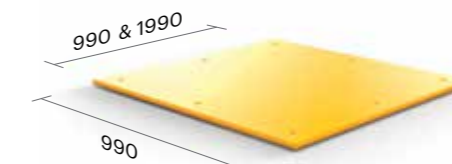
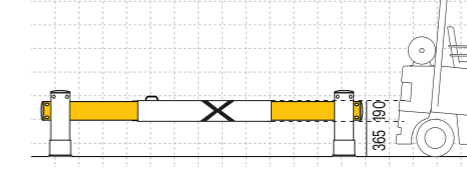


iFlex Dock Gate XL

7,000 Joules*
7.2 Tonne vehicle at 3mph

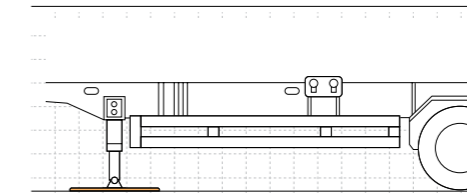
- ✓ Patented Protective Technology
- ✓ Rotating Wear Collars
- ✓ Electrophoretic Coated Base

Impact Zone 365-555mm



Trailer Plate

A shield between HGVs and the loading zone floor, ensuring an even and supported surface for trailer landing legs. Manufactured from our patented Memaplex™ material, Trailer Plates are rust and corrosion resistant.

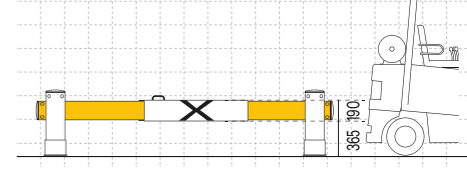


iFlex Dock Gate

12,000 Joules*
7 Tonne vehicle at 4mph

- ✓ Patented Protective Technology
- ✓ Rotating Wear Collars
- ✓ Electrophoretic Coated Base

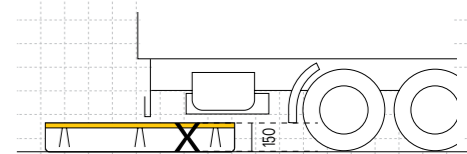
Impact Zone 365-555mm



Truck Stop

Manufactured from high performance recycled rubber, Truck Stops are weather and crack resistant, maintaining their form under pressure. High visibility markings mean the Truck Stop can be seen by both drivers and pedestrians. Five fixings per unit ensure a secure fastening on both concrete and tarmac.

Impact Zone 0-150mm



eFlex Dock Gates protecting dock loading bays.



Dock Rollers protect loading bay walls at warehousing and distribution facility.



Trailer Plates used under trailer landing legs to protect concrete at distribution centre loading bay.



Truck Stops create a highly visible and physical stop point at retail warehouse distribution centre.

*Ultimate energy load at 90°. All measurements in mm.

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Cold Storage



MEMAPLEX™ SUB-ZERO

Memaplex Sub-Zero has been developed by world-class polymer scientists to deliver maximum performance at sub-zero temperatures as low as -30°C. Created from a unique blend of polymers, Memaplex Sub-Zero is designed to withstand impacts without cracking or fragmenting. It is food-safe, wipe clean and self-coloured for maximum hygiene and ease of care.

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

All round, I am very happy with the A-SAFE barriers. The installers from A-SAFE were very professional, with the relevant paperwork and procedures. As contractors they were very easy to work with. Since the installation we have had no issues at all.

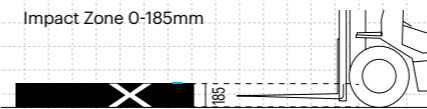
**Paul Painter, EHSQ Leader
OWENS CORNING**



eFlex ForkGuard Cold Storage Barrier

3,000 Joules****
1.9 Tonne vehicle at 4mph

- ✓ Simple Install From Above
- ✓ Fork Deflection



RackGuard™ Cold Storage Rack Leg Protector

1,000 Joules***

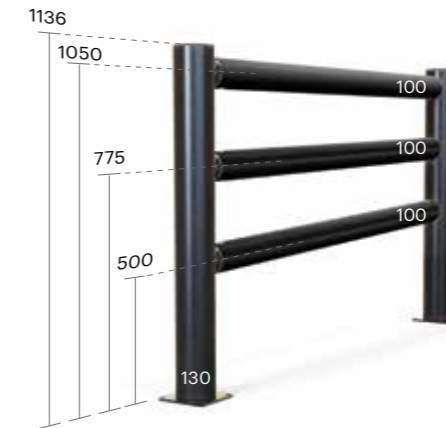
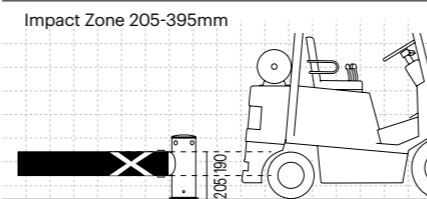
- ✓ Compression Hinge
- ✓ Centralising Rubber Lug
- ✓ Simple Installation



iFlex™ Cold Storage Single Traffic Barrier

21,350 Joules**
5.9 Tonne vehicle at 6mph

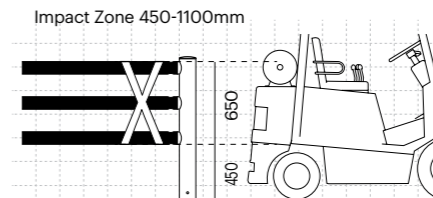
- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base
- ✓ Hygiene Sealed



iFlex™ Cold Storage Pedestrian Barrier 3 Rail

8,200 Joules*
3.2 Tonne vehicle at 5mph

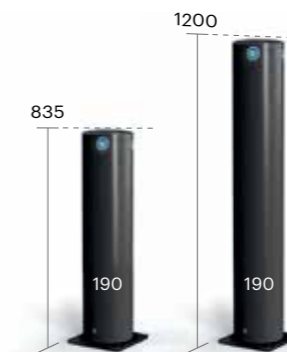
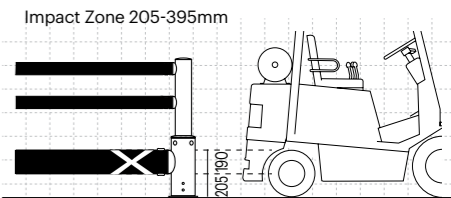
- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base
- ✓ Hygiene Sealed



iFlex™ Cold Storage Single Traffic Barrier+

21,350 Joules**
5.9 Tonne vehicle at 6mph

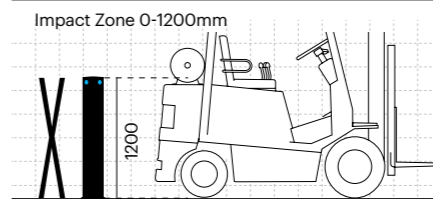
- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base
- ✓ Hygiene Sealed



iFlex™ Cold Storage Bollard

6,900 Joules***
4.3 Tonne vehicle at 4mph

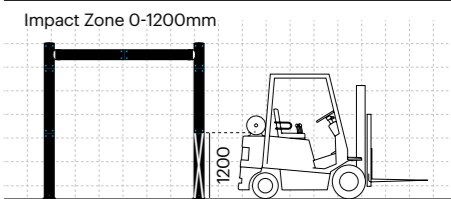
- ✓ Energy Absorbing Core
- ✓ Electrophoretic Coated Base



iFlex™ Cold Storage Height Restrictor

5,400 Joules***
6 Tonne vehicle at 3mph

- ✓ Energy Absorbing Core
- ✓ Electrophoretic Coated Base
- ✓ In-line coupling for a complete modular solution



*Ultimate energy load at 45° on a 1.5m rail. **Ultimate energy load at 45° on a 2m rail. ***Ultimate energy load at 90°. ****Ultimate energy load at 90° on a 1m rail. All measurements in mm.

Joules ratings are provided for your reference only. Our expert technical teams will always recommend the correct specification for your needs. Impact resistance is subject to environmental factors. See individual data sheets for more information. Data is accurate at time of writing.

Cleaning Products

Tough industrial environments can be dirty places. Keep your A-SAFE barriers clean and fully protected with our unique range of specially developed cleaning products.

Protix™ Heavy Duty Clean and Protect Range

A-SAFE's new Clean & Protect Heavy Duty range has been specifically developed for use with the advanced A-SAFE polymer. A two-part system that combines ultimate cleaning power with a high-performance protective finish that reduces dirt adhesion.



Protix™ Heavy Duty Cleaner

- ✓ Penetrates Grime
- ✓ Active Foam Formula
- ✓ Low VOC
- ✓ Two Part System

500ml

Protix™ Heavy Duty Finishing Coat

- ✓ Dirt Resisting
- ✓ Oleophobic
- ✓ UV Colour Fastness
- ✓ Water Repellent
- ✓ Anti-static
- ✓ Two Part System

500ml

Protix™ Food Safe Clean and Protect Range

A-SAFE's new Clean & Protect Food Safe range has been specifically developed for use with the advanced A-SAFE polymer. A two-part system that combines ultimate cleaning power with a high-performance protective finish, removing and resisting microbial and fungal build-up.



Protix™ Food Safe Cleaner

- ✓ Penetrates Grime
- ✓ Active Foam Formula
- ✓ Low VOC
- ✓ Two Part System

500ml

Protix™ Food Safe Finishing Coat

- ✓ Dirt Resisting
- ✓ Oleophobic
- ✓ Hydrocarbon Free
- ✓ Water Repellent
- ✓ Anti-static
- ✓ Two Part System

500ml



When used together, Clean & Protect products offer the best care on the market for your premium safety investment.



Each Protix Clean & Protect product is supplied complete with a lint-free microfibre cloth, for the most effective application method.



Tailored Solutions and Accessories

Our product range is designed to work together as part of a facility-wide safety management system. Our experts can advise on the best configurations and offer unique solutions for every area of your facility, supporting this with a range of accessories.



Slider plates to allow barriers to be removed for easy access.



Spinning collars to increase deflection of glancing blows.



Multiple base plate options: galvanised, stainless steel and countersunk.



Anchor bolt varieties to suit different floor substrates.



Transparent anti-climb Perspex screens.



Highly visible tape to cordon off hazardous areas.



Custom width and impact zone height for the end of racking aisles.














Integrated sign boards to support operational and health & safety requirements.

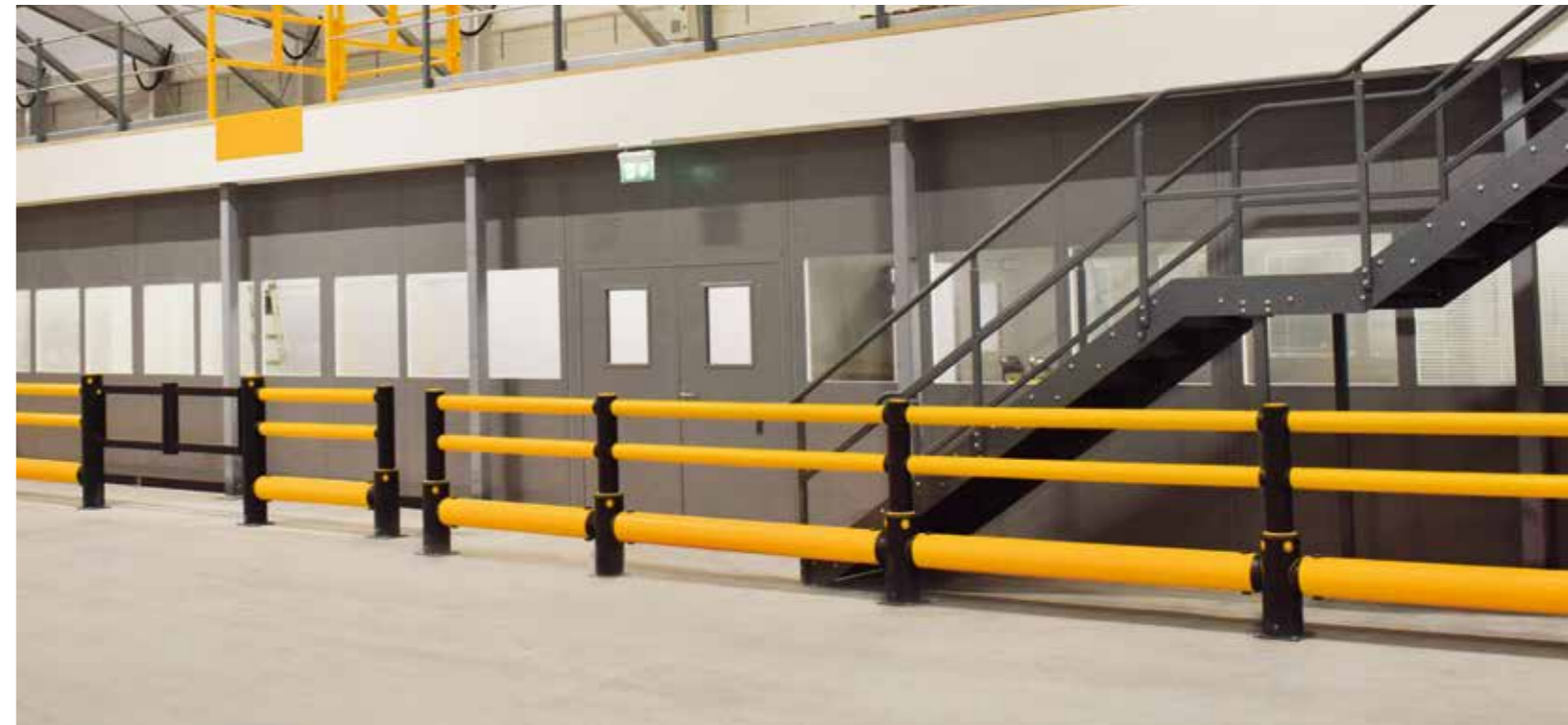
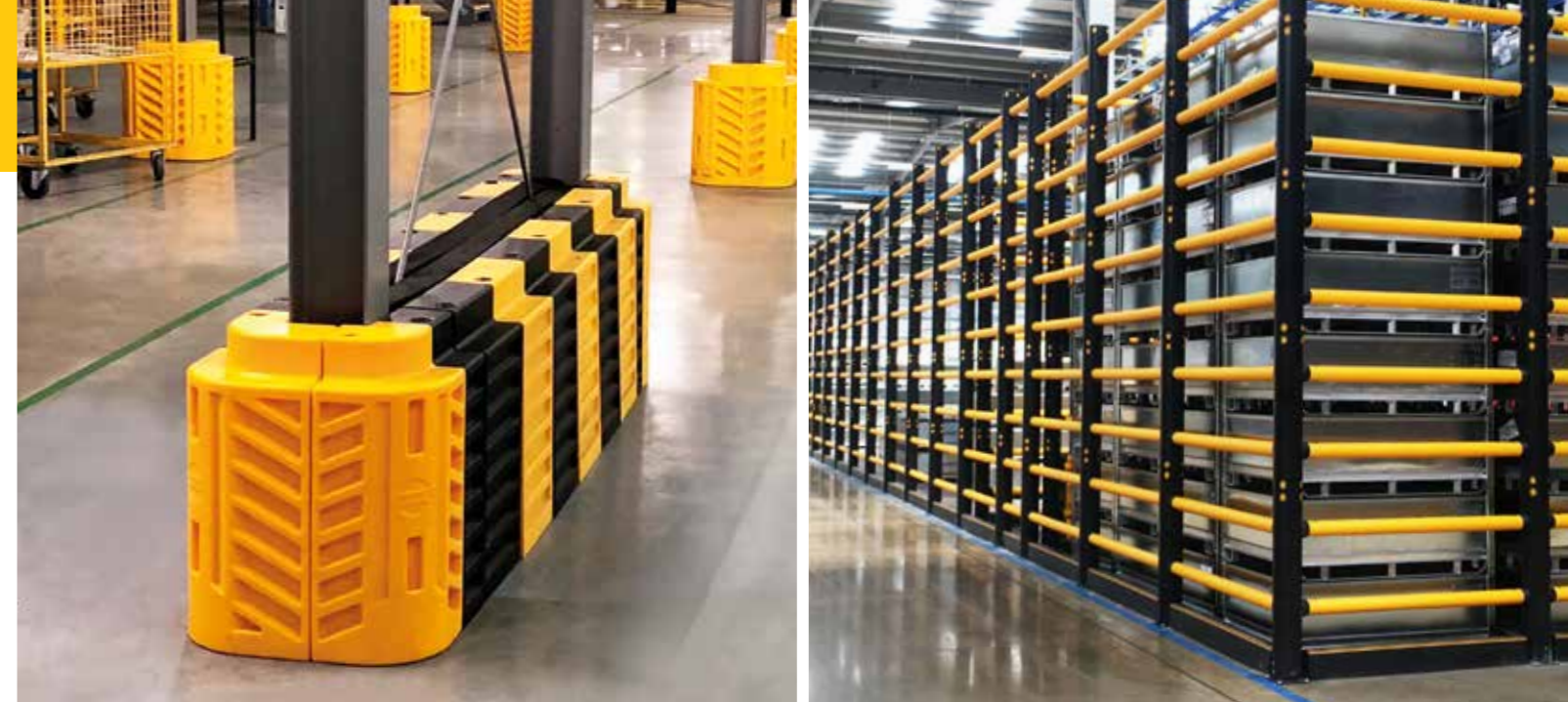
PRODUCT SUMMARY

Product	Brand	Product Name	Post Diameter (mm)	Rail Diameter (mm)	Rail Increments (mm)	Impact Zone (mm)	Ultimate Energy Load in Joules				Hygiene Sealed	Additional Base Plate Options	Multiple Angle Options
							10° Angle Impact	22.5° Angle Impact	45° Angle Impact	90° Angle Impact			
PEDESTRIAN BARRIERS													
	eFlex	Pedestrian Barrier 3 Rail	130	100 x 35	500	233-1100	-	-	-	-	✗	✗	✗
	iFlex	Pedestrian Barrier 3 Rail	130	100	200	450-1100	33,400J	15,150J	8,200J	5,800J	✓	✓	✓
GATES													
	iFlex	Swing Gates	130	-	100	-	-	-	-	-	✗	✓	✗
	iFlex	Slide Gate	130	-	500	-	-	-	-	-	✗	✓	✗
TRAFFIC BARRIERS													
	mFlex	Single Barrier Ground Level	130	100	200	50-150	15,650J	7,100J	3,850J	2,700J	✓	✓	✓
	mFlex	Single Barrier	130	100	200	150-250	15,650J	7,100J	3,850J	2,700J	✓	✓	✓
	mFlex	Double Barrier	130	100	200	150-450	26,450J	12,000J	6,500J	4,550J	✓	✓	✓
	eFlex	Single Traffic Barrier	158	158	500	204-362	58,700J	26,600J	14,400J	10,200J	✗	✗	✓
	iFlex	Single Traffic Barrier	190	190	200	205-395	86,950J	39,450J	21,350J	15,100J	✓	✓	✓
	iFlex	Single Traffic Barrier High Level	190	190	200	365-555	86,950J	39,450J	21,350J	15,100J	✓	✓	✓
	eFlex	Double Traffic Barrier	158	158	500	204-729	77,700J	35,200J	19,000J	13,500J	✗	✗	✓
	iFlex	Double Traffic Barrier	190	190	200	205-745	118,000J	53,550J	28,950J	20,500J	✓	✓	✓
	Atlas	Double Traffic Barrier	190	190	200	205-745	118,000J	53,550J	28,950J	20,500J	✓	✓	✓
TRAFFIC BARRIERS+													
	eFlex	Single Traffic Barrier+	158	100 x 35 158	500	204-362	58,700J	26,600J	14,400J	10,200J	✗	✗	✓
	iFlex	Single Traffic Barrier+	190	100 190	200	205-395	86,950J	39,450J	21,350J	15,100J	✓	✓	✓
	iFlex	Double Traffic Barrier+	190	100 190	200	205-745	118,000J	53,550J	28,950J	20,500J	✓	✓	✓
	Atlas	Double Traffic Barrier+	190	100 190	200	205-745	118,000J	53,550J	28,950J	20,500J	✓	✓	✓

Product	Brand	Product Name	Post Diameter (mm)	Rail Diameter (mm)	Rail Increments (mm)	Impact Zone (mm)	Ultimate Energy Load in Joules				Hygiene Sealed	Additional Base Plate Options	Multiple Angle Options
							10° Angle Impact	22.5° Angle Impact	45° Angle Impact	90° Angle Impact			
HIGH LEVEL TOPPLE BARRIER													
	iFlex	Topple Barrier (4, 6, 8, 10 Rail Options) with Forkguard	190	100	400	-	-	-	-	-	✗	✓	✓
	iFlex	Heavy Duty Topple Barrier (4, 6, 8, 10 Rail Options) with Forkguard	190	100 190	655 400	205-745	118,000J	53,550J	28,950J	20,500J	✗	✓	✓
FORKGUARD													
	eFlex	ForkGuard	-	-	100	0-185	-	-	-	3,000J	✗	✗	✗
	iFlex	ForkGuard	-	-	100	0-185	-	-	-	4,500J	✓	✗	✗
COLUMN GUARD													
	FlexiShield	Column Guard	-	-	-	0-520	-	-	-	1,600J	✗	✗	✗
	FlexiShield	Corner Guard	-	-	-	0-1000	-	-	-	200J	✗	✗	✗
	iFlex:Rail	Column Guard	130	100	200	450-1100	33,400J	15,150J	8,200J	5,800J	✓	✓	✗
	iFlex:Rail	Column Guard+	190	100 190	200	205-395	79,200J	35,950J	19,450J	13,750J	✓	✓	✗
BOLLARDS													
	iFlex	Bollards	190	-	-	0-1200	-	-	-	6,900J	✗	✓	✗
	iFlex	Bollards with wear collar	210	-	-	0-1200	-	-	-	8,800J	✗	✓	✗
	iFlex	Heavy Duty Bollard	210	-	-	0-1200	-	-	-	8,800J	✗	✓	✗
	A-SAFE	Sign Cap	190	-	-	-	-	-	-	-	✗	✗	✗
DOOR PROTECTION													
	iFlex	Height Restrictor	190	190	-	0-1200	-	-	-	5,400J	✗	✓	✗
	A-SAFE	Alarm Bar	-	130	One Size	-	-	-	-	-	✗	✗	✗
	eFlex	Dock Gate	158	158	One Size	381-539	-	-	-	4,000J	✗	✗	✗
	iFlex	Dock Gate XL	190	190	One Size	365-555	-	-	-	7,000J	✗	✗	✗
	iFlex	Dock Gate	190	190	One Size	365-555	-	-	-	12,000J	✗	✗	✗

Product	Brand	Product Name	Post Diameter (mm)	Rail Diameter (mm)	Rail Increments (mm)	Impact Zone (mm)	Ultimate Energy Load in Joules				Hygiene Sealed	Additional Base Plate Options	Multiple Angle Options
							10° Angle Impact	22.5° Angle Impact	45° Angle Impact	90° Angle Impact			
RACKING PROTECTION													
	RackGuard	Rack Leg Protector	-	-	-	0-1000	-	-	-	1,000J	✗	✗	✗
	eFlex:	Single RackEnd Barrier (also available with Forkguard)	190	90 x 90	100	255-345	23,000J	10,400J	5,600J	4,000J	✗	✓	✗
	eFlex:	Double RackEnd Barrier (also available with Forkguard)	190	90 x 90	100	185-405	34,000J	15,600J	8,400J	6,000J	✗	✓	✗
	iFlex:	Single RackEnd Barrier (also available with Forkguard)	190	190	100	205-395	86,950J	39,450J	21,350J	15,100J	✓	✓	✗
COLD STORAGE													
	eFlex:	Cold Storage ForkGuard	-	-	100	0-185	-	-	-	3,000J	✗	✗	✗
	RackGuard	Cold Storage Rack Leg Protector	-	-	-	0-1000	-	-	-	1,000J	✗	✗	✗
	iFlex:	Cold Storage Single Traffic Barrier	190	190	200	205-395	86,950J	39,450J	21,350J	15,100J	✓	✗	✓
	iFlex:	Cold Storage Pedestrian Barrier 3 Rail	130	100	200	450-1100	33,400J	15,150J	8,200J	5,800J	✓	✗	✓
	iFlex:	Cold Storage Single Traffic Barrier+	190	100 190	200	205-395	86,950J	39,450J	21,350J	15,100J	✓	✗	✓
	iFlex:	Cold Storage Bollards	190	-	-	0-1200	-	-	-	6,900J	✗	✗	✗
	iFlex:	Cold Storage Height Restrictor	190	190	-	0-1200	-	-	-	5,400J	✗	✗	✗

Product	Brand	Product Name	Container Size (ml)	Two Part System	Low VOC	Oleophobic	UV colour Fastness	Water Repellent	Anti-static	Hydrocarbon Free
CLEANING PRODUCTS										
	Pro:	Heavy Duty Cleaner	500	✓	✓	✗	✗	✗	✗	✗
	Pro:	Heavy Duty Finishing Coat	500	✓	✗	✓	✓	✓	✓	✗
	Pro:	Food Safe Cleaner	500	✓	✓	✗	✗	✗	✗	✗
	Pro:	Food Safe Finishing Coat	500	✓	✗	✓	✗	✓	✓	✓



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