Product Brochure



PROTECT
SAFE SYSTEM
0739.646.666 - office@protectsafe.ro

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World-leading safety solutions dedicated to protecting your workforce in every industry and sector



Manufacturing



Airports



Warehouse & Distribution



Car Parks

Who are A-SAFE

Inventors of the first industrial strength polymer safety barrier

Established 1984, our 30 years of experience in polymer science is unmatched. Research, development, design, testing and manufacture; the entire process is owned and controlled at our Innovation Centre HQ, before being exported to the world. With a cycle of innovation striving for continuous improvement, we're a local company driving the global standard.



- Meticulous development by in-house mechanical engineers and polymer physicists
- Custom-built manufacturing equipment
- Full process from polymer grain to end product



- World-class testing facilities
- Tested above and beyond industry standards
- Real-life dynamic impact simulation tests
- TUV certified and PAS 13 compliant

> A-SAFE has proven time and again that their polymer barriers are superior... Their solution gives us peace of mind that the installation is protecting workforce and machinery, but is also cost-effective in terms of repairs, maintenance and damage to the barriers, vehicles and equipment.
>
> **Site Safety Advisor, Kimberly-Clark**

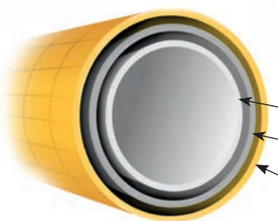
Scientifically Engineered Safety

- More technology
- More engineering design
- More safety features



MEMAPLEX™

Patented Engineering
Molecular reorientation during manufacture creates a unique built-in memory

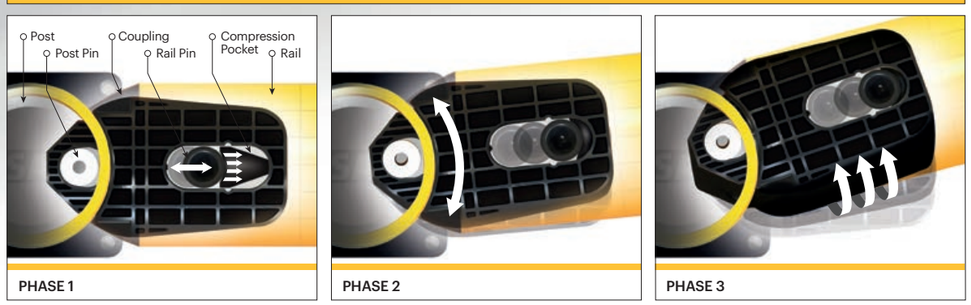


Revolutionary 3-Layered Material

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

Patented Energy Absorption System

3-phase system that activates sequentially for unparalleled energy absorption



PHASE 1

PHASE 2

PHASE 3

Unrivalled Performance



Flex



Absorb



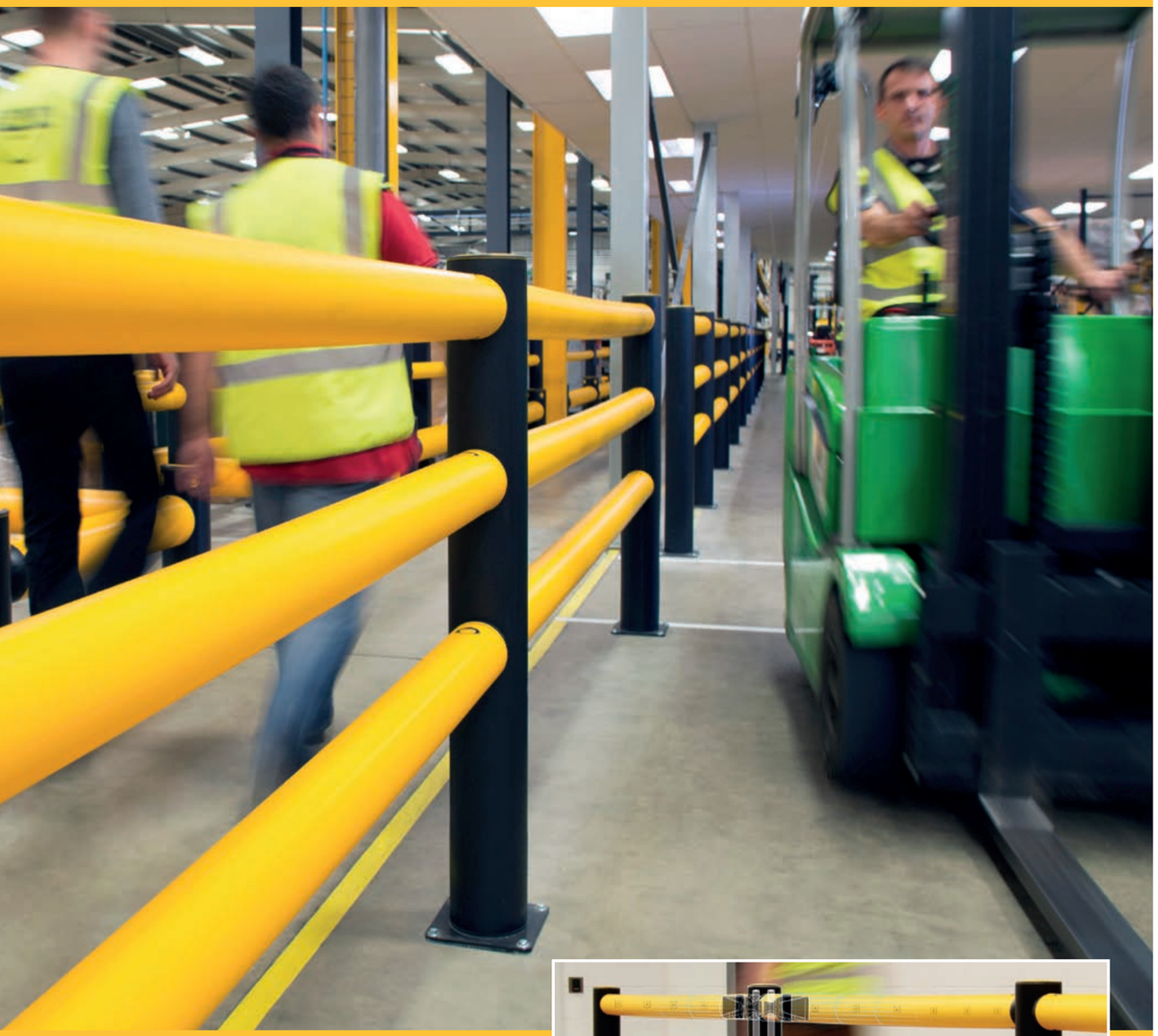
Recover

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

Code of Practice for Workplace Safety Barriers
PAS13

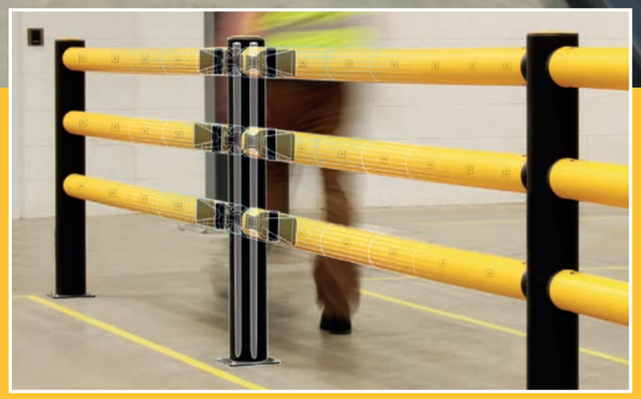
TÜV NORD
TÜV NORD Systems GmbH & Co. KG
Prüfgrundsatz PP7001 - 28.01.2013 / 1.0
A SAFE PENDULUM IMPACT TESTED

Pedestrian Barriers



"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



iFlex Pedestrian Barrier 3 Rail



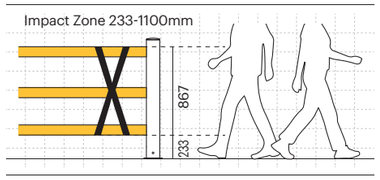
eFlex™

Pedestrian Barrier 3 Rail

2kN*

Weight of 2 adults leaning (200kg)

- Electrophoretic Coated Base





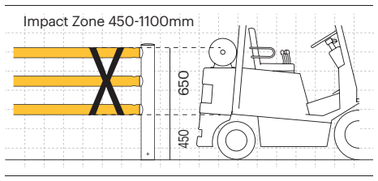
iFlex™

Pedestrian Barrier 3 Rail

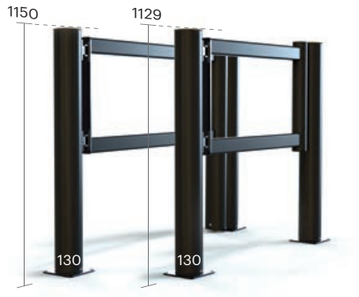
8,200 Joules*

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

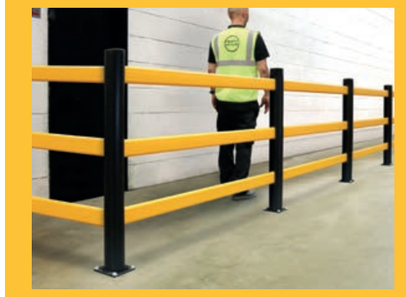
*Ultimate energy load at 45º on a 1.5m rail. All measurements in mm.

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.

- 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 access from production offices to the shop floor.



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

Traffic Barriers+



"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



iFlex Double Traffic Barrier+

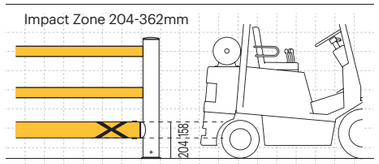


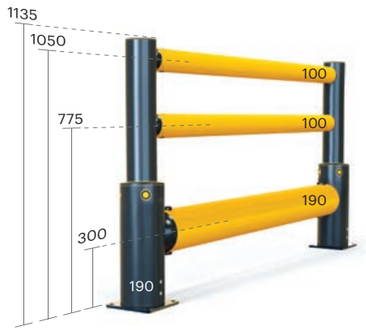
eFlex™

Single Traffic Barrier+

14,400 Joules*
4 Tonne vehicle at 6mph

- Patented Coupling Technology
- Electrophoretic Coated Base



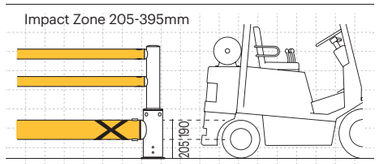


iFlex™

Single Traffic Barrier+

21,350 Joules*
5.9 Tonne vehicle at 6mph

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



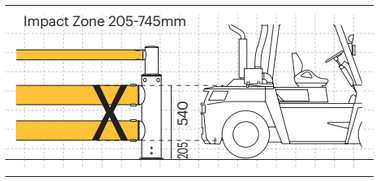


iFlex™

Double Traffic Barrier+

28,950 Joules*
8 Tonne vehicle at 6mph

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



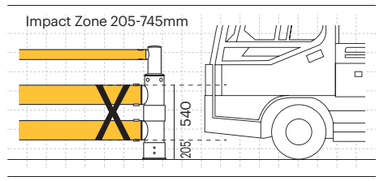


Atlas™

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



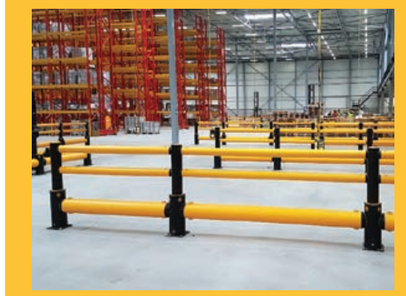
*Ultimate energy load at 45º on a 2m rail. All measurements in mm.

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- 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.

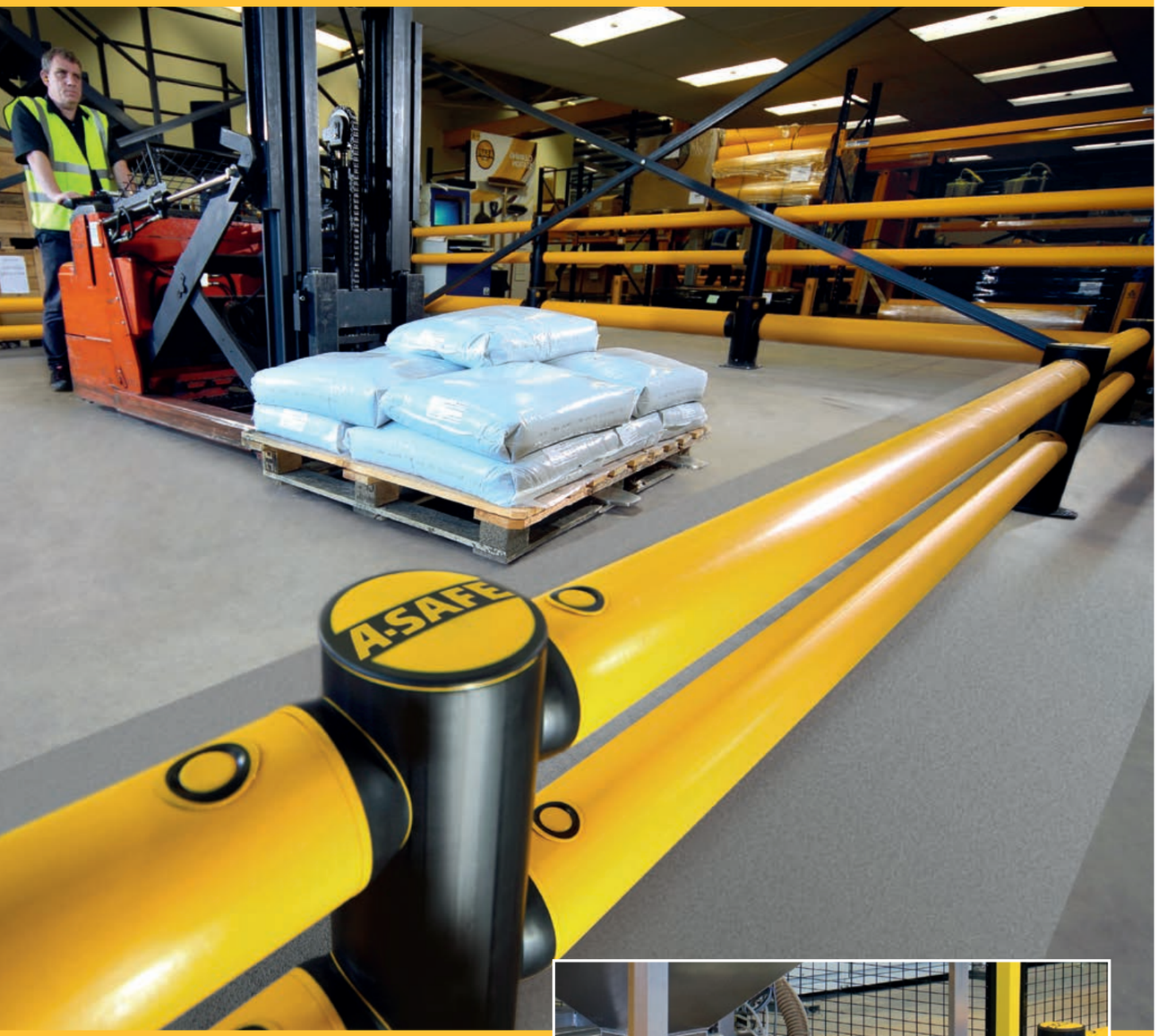


iFlex Double Traffic+ protecting pedestrian walkway from heavy commercial vehicles.



Atlas Double Traffic+ protecting a luggage conveyor from extreme weight vehicles.

Micro Barriers



"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



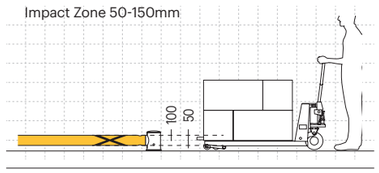
mFlex™

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





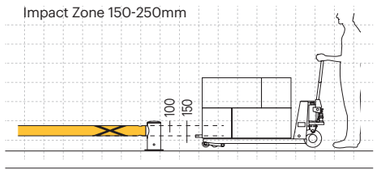
mFlex™

Single Traffic Barrier

3,850 Joules*

1.5 Tonne vehicle at 5mph

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





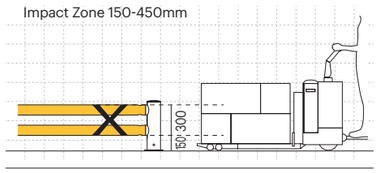
mFlex™

Double Traffic Barrier

6,500 Joules*

2.6 Tonne vehicle at 5mph

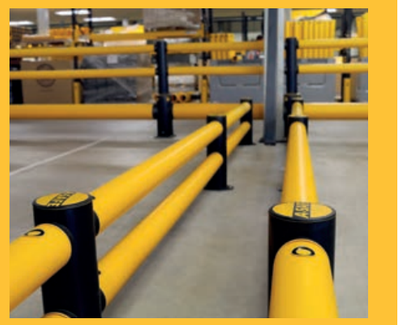
- Patented Coupling Technology
- Electrophoretic Coated Base
- Additional Base Options
- Hygiene Sealed



- 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 45º on a 1.5m rail. All measurements in mm.

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Single Traffic Barriers



"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



iFlex Single Traffic Barrier



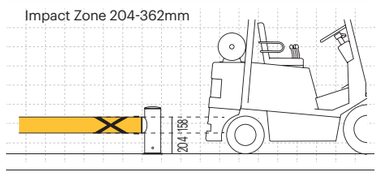
eFlex™

Single Traffic Barrier

14,400 Joules*

4 Tonne vehicle at 6mph

- Patented Coupling Technology
- Electrophoretic Coated Base





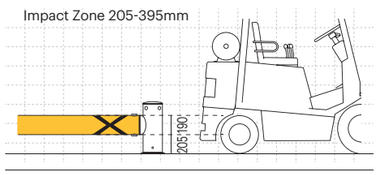
iFlex™

Single Traffic Barrier

21,350 Joules*

5.9 Tonne vehicle at 6mph

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





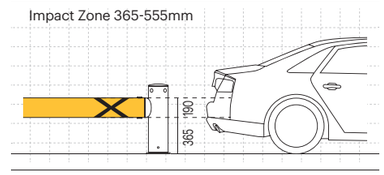
iFlex™

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



- 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.

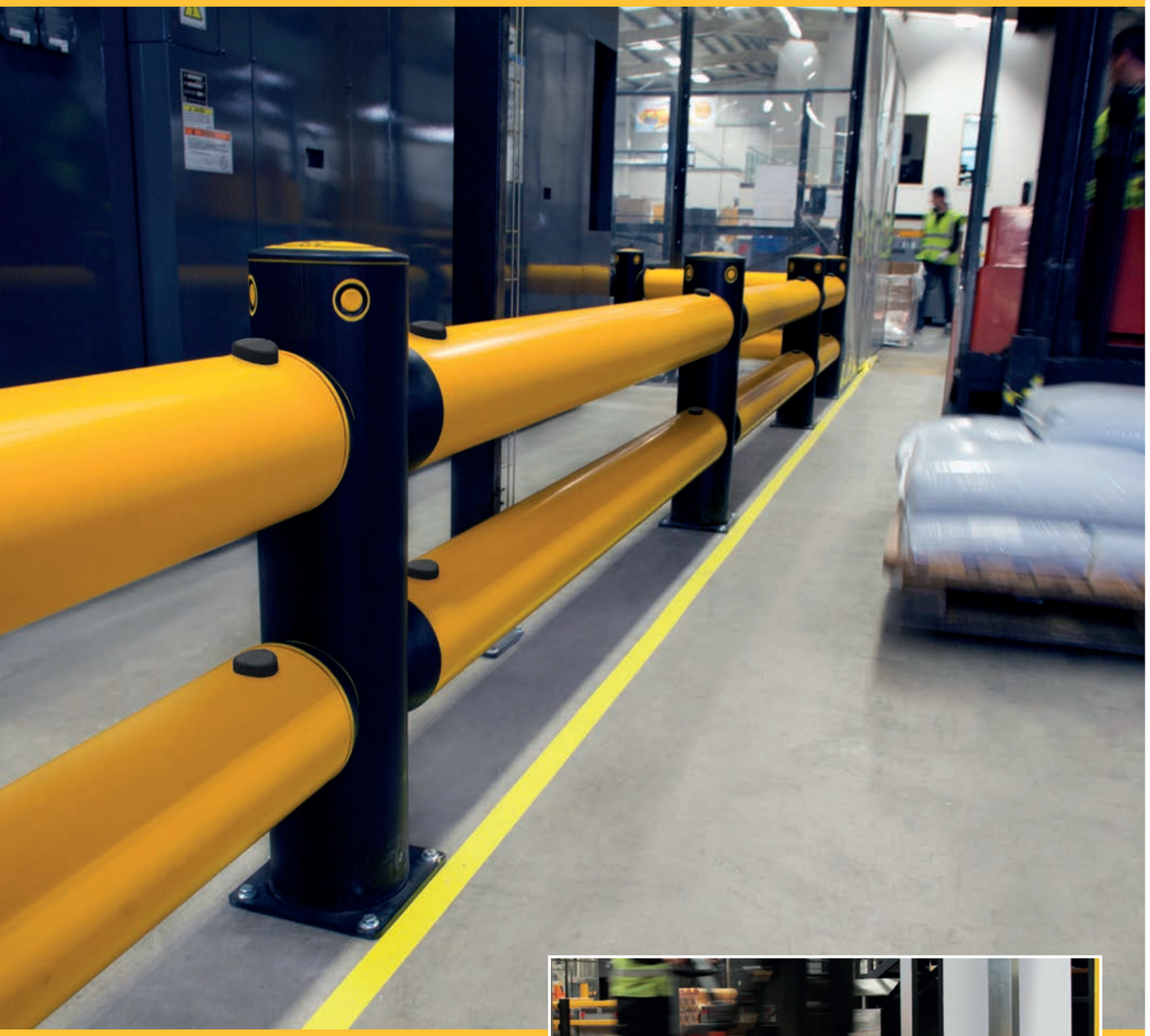


iFlex Single Traffic High Level guarding boundaries in a multi-storey car park.

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

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Double Traffic Barriers

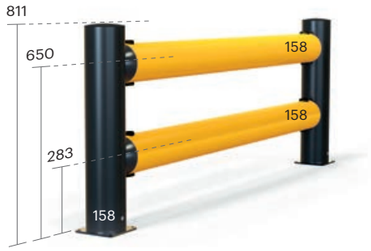


"Barriers that were installed eight years ago in our transit area show no signs of erosion...Since the installation of A-SAFE barriers, damages are decreased in the building and at our facilities."

Occupational Safety Specialist
RITTER SPORT



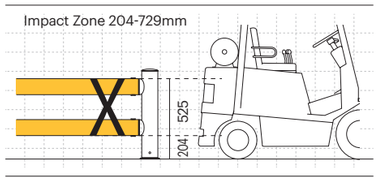
iFlex Double Traffic Barrier

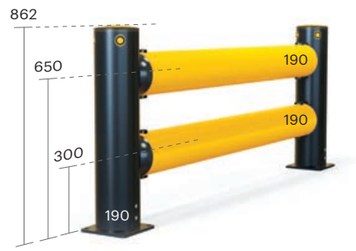


eFlex™
Double Traffic Barrier

19,000 Joules*
5.2 Tonne vehicle at 6mph

- Patented Coupling Technology
- Electrophoretic Coated Base

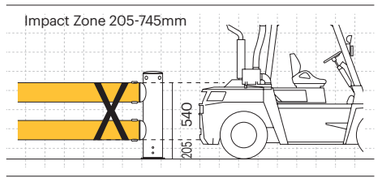


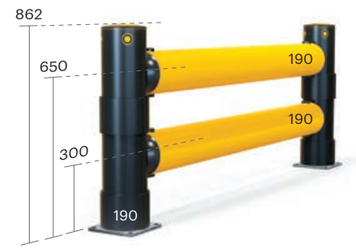


iFlex™
Double Traffic Barrier

28,950 Joules*
8 Tonne vehicle at 6mph

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

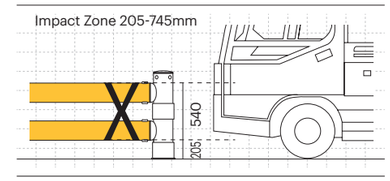




Atlas™
Double Traffic Barrier

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



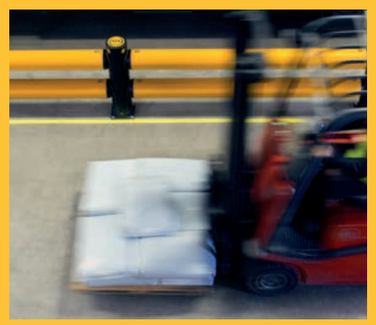
iFlex Double Traffic protecting main sprinkler system in a food processing factory.



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.

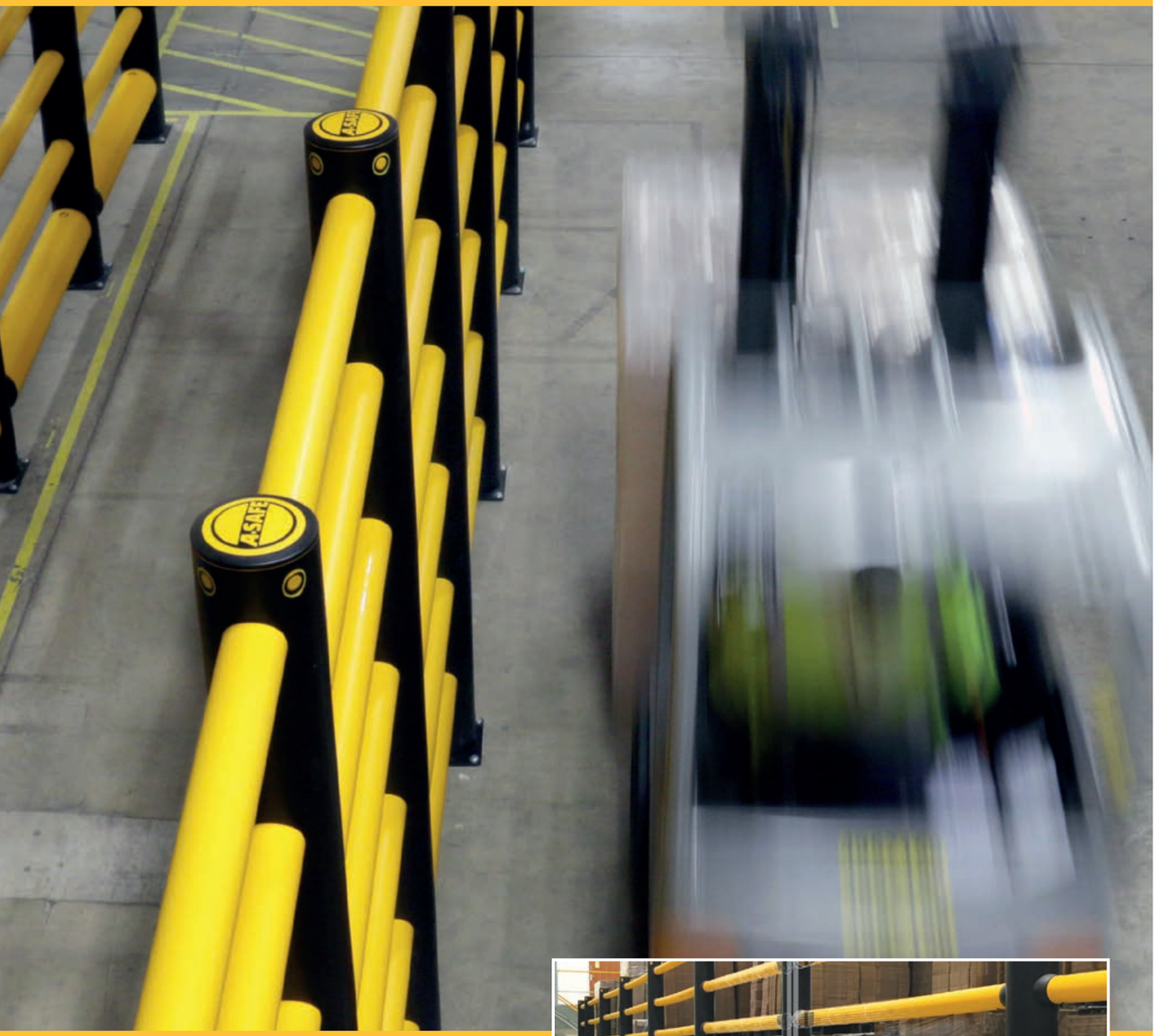


Atlas Double Traffic defending an airport runway lighting pylon.

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

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High Level 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 High Level Single Traffic Barrier+ 6 Rails



iFlex™

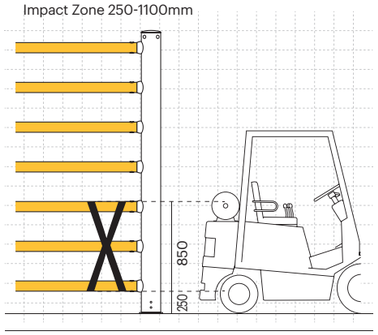
High Level Pedestrian Barrier 7 Rail

8,200 Joules*

3.2 Tonne vehicle at 5mph

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

Impact Zone 250-1100mm





iFlex™

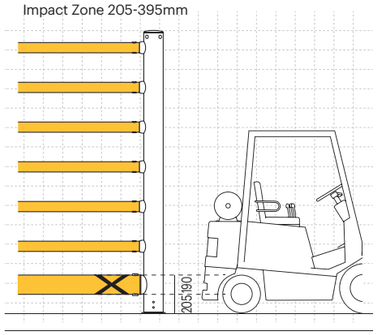
High Level Single Traffic Barrier+ 6 Rails

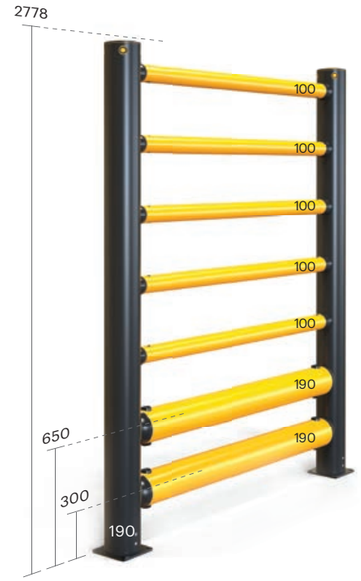
21,350 Joules**

5.9 Tonne vehicle at 6mph

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

Impact Zone 205-395mm





iFlex™

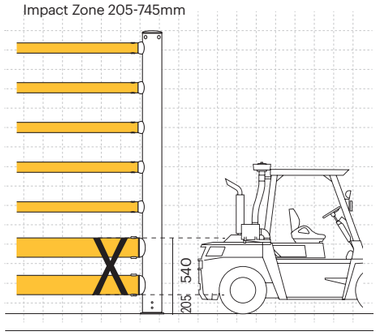
High Level Double Traffic Barrier+ 5 Rails

28,950 Joules**

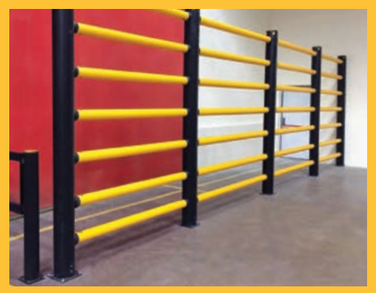
8 Tonne vehicle at 6mph

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

Impact Zone 205-745mm



- 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



High Level 7 Rail protecting pedestrian walkway in a new build warehouse facility.



High Level Single Traffic providing anti-topple protection in a distribution facility warehouse.

*Ultimate energy load at 45º on a 1.5m rail. **Ultimate energy load at 45º on a 2m 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.

ForkGuard



"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



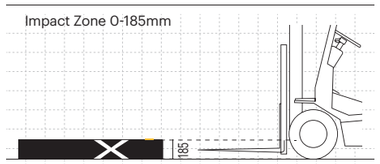
iFlex ForkGuard Barrier



eFlex™ ForkGuard Barrier

3,000 Joules*
1.9 Tonne vehicle at 4mph

- Simple Install From Above
- Fork Deflection

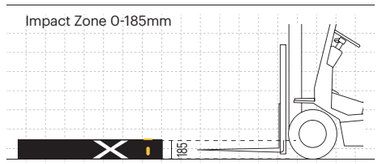




iFlex™ ForkGuard Barrier

4,200 Joules*
2.6 Tonne vehicle at 4mph

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

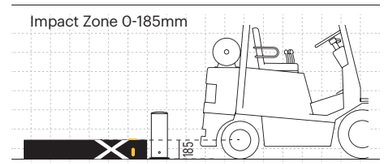




eFlex™ RackEnd Posts with iFlex™ ForkGuard

4,200 Joules*
2.6 Tonne vehicle at 4mph

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



- 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.



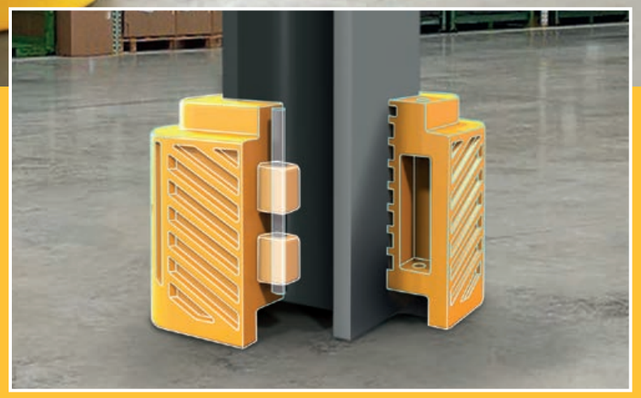
iFlex ForkGuard combined with end posts defending racking aisle ends in a warehouse.

*Ultimate energy load at 45º. 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 Guard

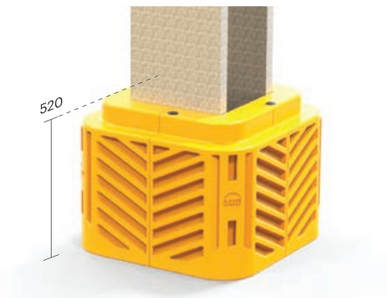




FlexiShield

"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



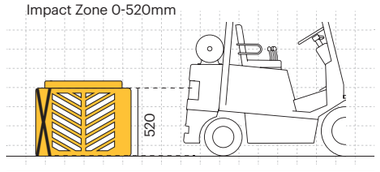
FlexiShield™

Column Guard

1,600 Joules*

1.8 Tonne vehicle at 3mph

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





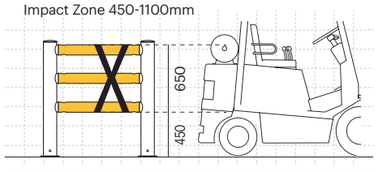
iFlexRail™

Column Guard

8,200 Joules**

3.2 Tonne vehicle at 5mph

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





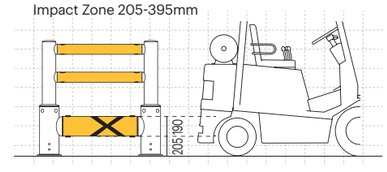
iFlexRail™

Column Guard+

19,450Joules**

5.4 Tonne vehicle at 6mph

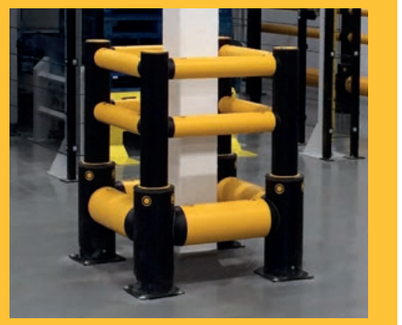
- Patented Coupling Technology
- Any Column Shape or Location
- Isolated System
- Hygiene Sealed



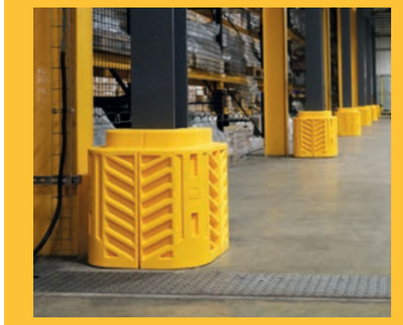
- Segregate and guide vehicles away from critical structures
- Physically protect columns, building supports and vertical structures from impact damage
- Provide visual guidance for drivers
- Shield infrastructure from vehicle collisions
- Defend any size, shape or location of column
- Safeguard structures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



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 guarding square building supports in a production facility.



FlexiShield Column Guard shielding a rectangle column in a distribution centre.



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

*Ultimate energy load at 90º. **Ultimate energy load at 45º 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 & Height Restrictor

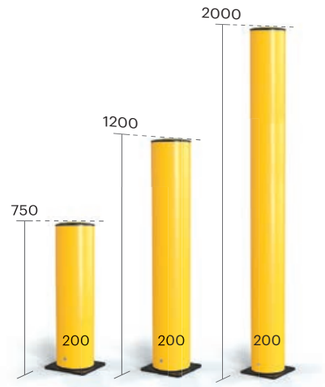


"We decided to have A-SAFE installed and we've been very pleased with the way they've ensured greater safety throughout the depot."

Risk & Facilities Manager
DHL



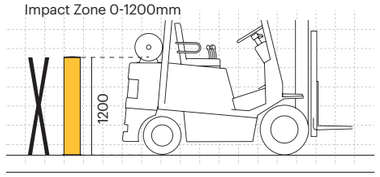
Height Restrictor



Bollard

5,400 Joules*
6 Tonne vehicle at 3mph

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

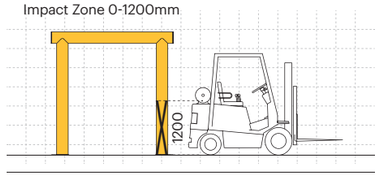




Height Restrictor

5,400 Joules*
6 Tonne vehicle at 3mph

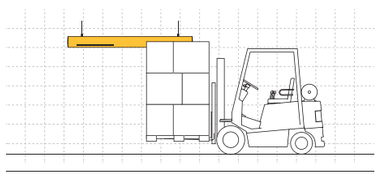
- Energy Absorbing Core
- Galvanised Base
- Additional Base Options





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

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



Height Restrictor protecting overhead compressed air and electricity supply in a manufacturing facility.



Alarm Bar with Height Restrictor to protect door frames in a warehouse.



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



Bollards safeguarding a control panel for a semi-automatic base machine in a manufacturing facility.

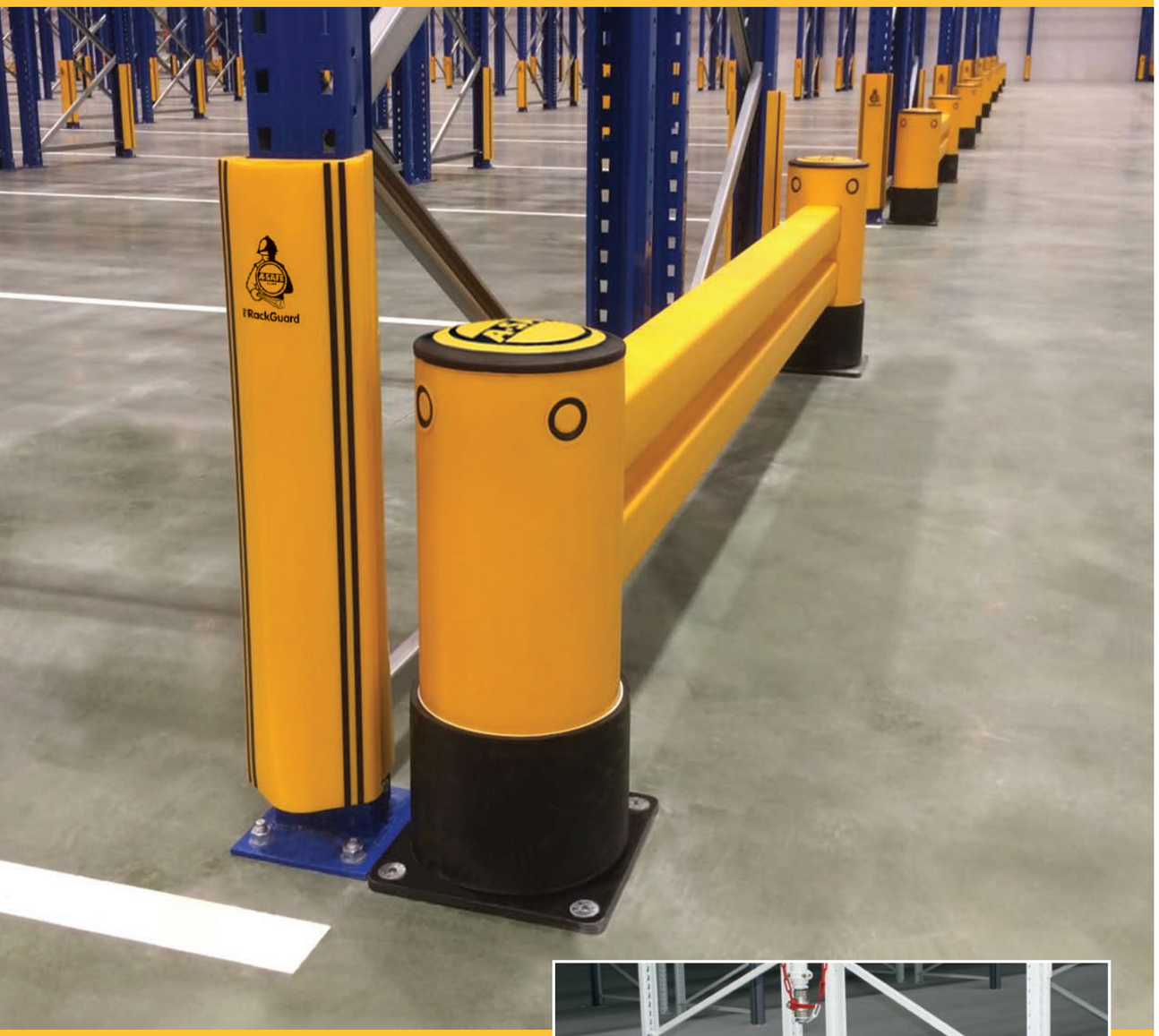


Bollards used to defend entranceway columns in storage facility.

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

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RackEnd Barriers

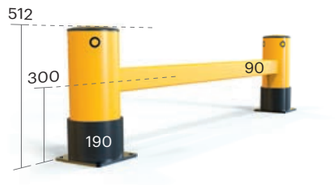


"RackEnd Single Rail units in the new freezer storage facility... A-SAFE worked with us to create the racking protection system which will accommodate the low temperature of -22°C."

Warehouse Manager
CO-OP Distribution Centre



RackGuard & iFlex Single RackEnd Barrier



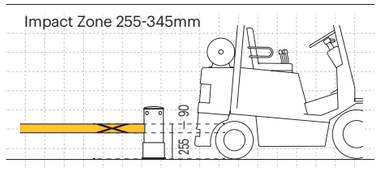
eFlex™

Single RackEnd Barrier

5,600Joules*

3.5 Tonne vehicle at 4mph

- Rotating Wear Collars
- Simple Installation
- Electrophoretic Coated Base





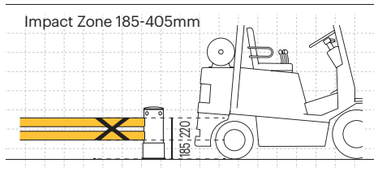
eFlex™

Double RackEnd Barrier

8,400Joules*

5.2 Tonne vehicle at 4mph

- Rotating Wear Collars
- Simple Installation
- Electrophoretic Coated Base





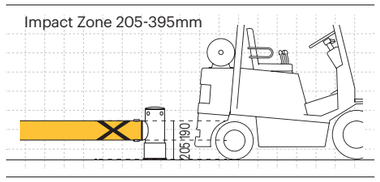
iFlex™

Single RackEnd Barrier

21,350Joules*

8.5 Tonne vehicle at 5mph

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



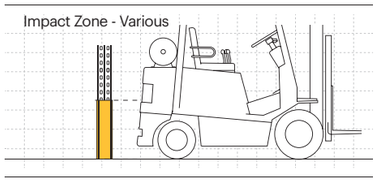


RackGuard™

Rack Leg Protector

1,000Joules**

- Compression Hinge
- Centralising Rubber Lug
- Simple Installation



*Ultimate energy load at 45º on a 2m rail. **Ultimate energy load at 90º. 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.

- 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 used with iFlex ForkGuard to protect racking at retail warehouse and distribution centre.



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

Service Yard Protection



"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



iFlex Dock Gate



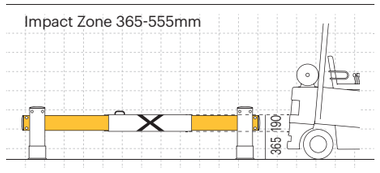
iFlex™

Dock Gate

12,000Joules*

7 Tonne vehicle at 4mph

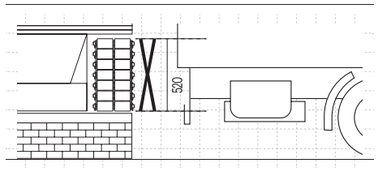
- Patented Protective Technology
- Rotating Wear Collars
- Electrophoretic Coated Base

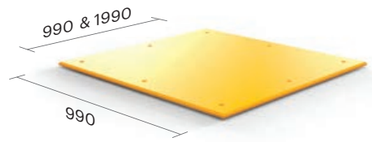




Dock Roller

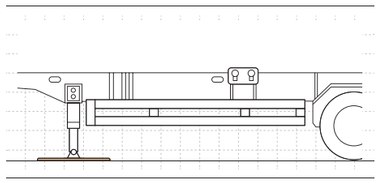
Unlike standard dock buffers our innovative roller system works differently to avoid wear and tear and ensure docking bays stay protected. The unique roller system has a high impact polymer outer and a shock absorbing inner layer.





Trailer Plate

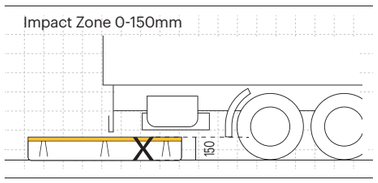
A shield between HGVs and the loading zone floor, ensuring an even and supported surface for trailer landing legs. Manufactured from our patented Memaplex™ material, Trailer Plates are rust and corrosion resistant.





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 ensures a secure fastening on both concrete and tarmac.



*Ultimate energy load at 90º. 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.

- Protect loading bays
- Preserve service yard infrastructure
- Provide visual alerts and vehicle guidance
- Defend against wear and tear



High level Bollard is a visual alert to reversing lorries and protects infrastructure at distribution centre.



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



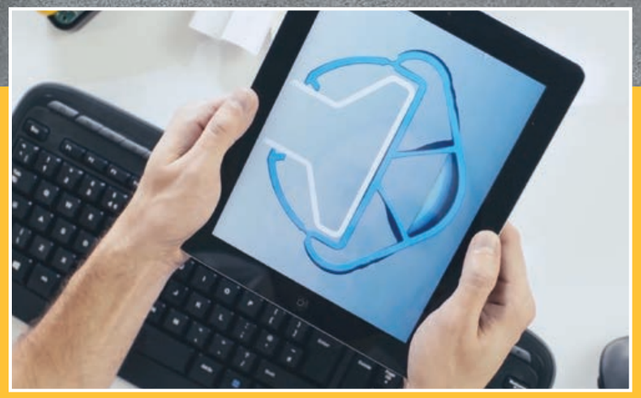
Trailer Plates used under trailer landing legs to protect concrete at distribution centre loading bay.



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

Tailored Solutions and Accessories





World-leading experts provide the optimum solution for your needs

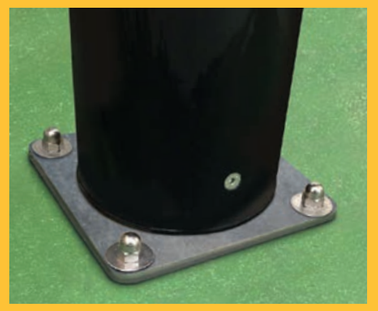
"A-SAFE brought us tailor-made solutions that can be adapted to each specific case in our factories."

Supply Chain Director
NESTLÉ

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.



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



Anchor bolt varieties to suit different floor substrates.



Spinning collars to increase deflection of glancing blows.



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



Wall buffers to prevent bumps and scrapes to surfaces.



Bespoke height protection designs for overhead walkways and conveyors.



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



Unique barrier configurations, designed to fit any space requirement.



Transparent anti-climb Perspex screens.



Highly visible tape to cordon off hazardous areas.



High-strength cleaning and maintenance products.

PRODUCT SUMMARY

Product	Brand	Product Name	Post Diameter (mm)	Rail Diameter (mm)	Rail Increments (mm)	Impact Zone (mm)	Ultimate Energy Load in Joules: 10° Angle Impact	22.5° Angle Impact	45° Angle Impact	90° Angle Impact	Hygiene Sealed	Additional Base Plate Options	Multiple Angle Options
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	✓	✓	✓
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	✓	✓	✓
HIGH LEVEL BARRIERS													
	iFlex	High Level Pedestrian Barrier 7 Rail	190	100	400	250-1100	33,400J	15,150J	8,200J	5,800J	✓	✓	✓
	iFlex	High Level Single Traffic Barrier+ 6 Rails	190	100 190	400	205-395	86,950J	39,450J	21,350J	15,100J	✓	✓	✓
	iFlex	High Level Double Traffic Barrier+ 5 Rails	190	100 190	400	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: 10° Angle Impact	22.5° Angle Impact	45° Angle Impact	90° Angle Impact	Hygiene Sealed	Additional Base Plate Options	Multiple Angle Options
GATES													
	iFlex	Swing Gates	130	-	100	-	-	-	-	-	✗	✓	✗
	iFlex	Slide Gate	130	-	500	-	-	-	-	-	✗	✓	✗
FORKGUARD													
	eFlex	ForkGuard	-	-	100	0-185	-	-	-	3,000J	✗	✗	✗
	iFlex	ForkGuard	-	-	100	0-185	-	-	4,200J	-	✓	✗	✗
COLUMN GUARD													
	Fle::iShield	Column Guard	-	-	-	0-520	-	-	-	1,600J	✗	✗	✗
	iFle::Rail	Column Guard	130	100	200	450-1100	33,400J	15,150J	8,200J	5,800J	✓	✓	✗
	iFle::Rail	Column Guard+	190	100 190	200	205-395	79,200J	35,950J	19,450J	13,750J	✓	✓	✗
DOOR PROTECTION													
	A-SAFE	Height Restrictor	200	200	200	0-1200	-	-	-	5,400J	✗	✓	✗
	A-SAFE	Alarm Bar	-	130	One Size	-	-	-	-	-	✗	✗	✗
	iFlex	Dock Gate	190	190	One Size	365-555	-	-	-	12,000J	✗	✗	✗
BOLLARDS													
	A-SAFE	Bollards	200	-	-	0-1200	-	-	-	5,400J	✗	✓	✗
RACKING PROTECTION													
	RackGuard	Rack Leg Protector	-	-	-	0-1000	-	-	-	1,000J	✗	✗	✗
	eFlex	RackEnd Posts with iFlex ForkGuard	158	-	100	0-185	-	-	4,200J	-	✗	✗	✗
	eFlex	Single RackEnd Barrier	190	90 x 90	100	255-345	23,000J	10,400J	5,600J	4,000J	✗	✓	✗
	eFlex	Single RackEnd Barrier with iFlex ForkGuard	190	90 x 90	100	255-345	23,000J	10,400J	5,600J	4,000J	✗	✓	✗
	eFlex	Double RackEnd Barrier	190	90 x 90	100	185-405	34,000J	15,600J	8,400J	6,000J	✗	✓	✗
	eFlex	Double RackEnd Barrier with iFlex ForkGuard	190	90 x 90	100	185-405	34,000J	15,600J	8,400J	6,000J	✗	✓	✗
	iFlex	Single RackEnd Barrier	190	190	100	205-395	86,950J	39,450J	21,350J	15,100J	✓	✓	✗
	iFlex	Single RackEnd Barrier with iFlex ForkGuard	190	190	100	205-395	86,950J	39,450J	21,350J	15,100J	✓	✓	✗

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.



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