



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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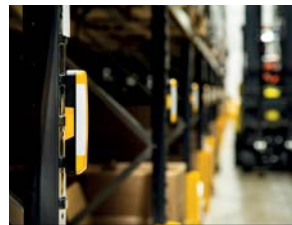
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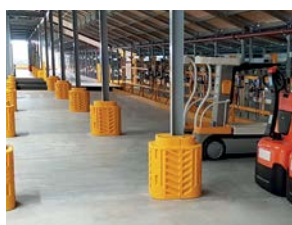
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We are pioneers

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, specializing in polythene extrusion.




2001

Flexi Guardrail invented.




2009

Major installation at Gatwick Airport with **\$130,000+** saving per year in maintenance costs.




2015

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




2017

A-SAFE continues to revolutionize workplace safety, saving more lives than any other safety guardrail.




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.




100m Steel Guardrail - Total Cost over 5 Years **\$61,978**

100m A-SAFE Guardrail - Total Cost over 5 Years **\$9,684**



iFlex



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.

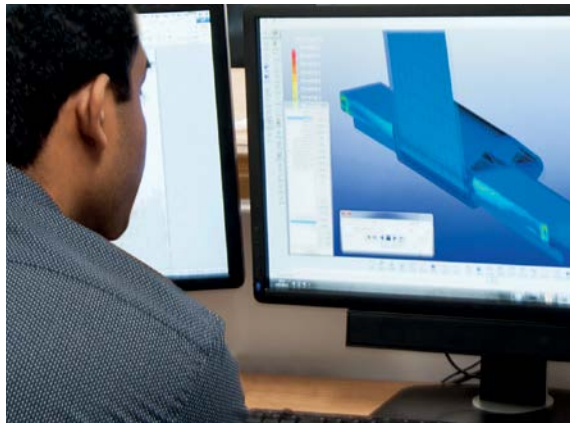
Tested to the global benchmark in guardrail safety

Independently verified by world-class test experts



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 | Volvo Cars

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

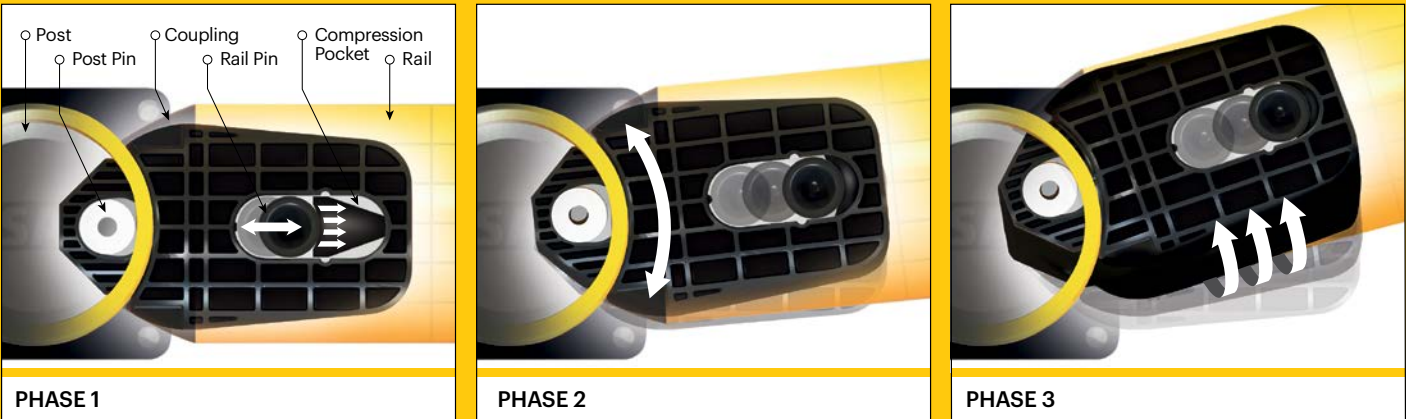
Whether in the resilience, flexibility and in-built memory of our exclusive Memaplex™ material or the unrivalled energy absorption of our patented 3-phase coupling system, every A-SAFE product is loaded with scientific and technical ingenuity to ensure that it performs perfectly every time you need it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

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



Patented Energy Absorption System

3-phase system that activates sequentially for unparalleled energy absorption



Unrivalled Performance

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

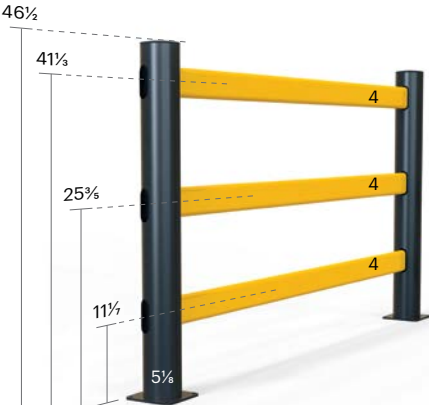
Pedestrian Guardrails



“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**



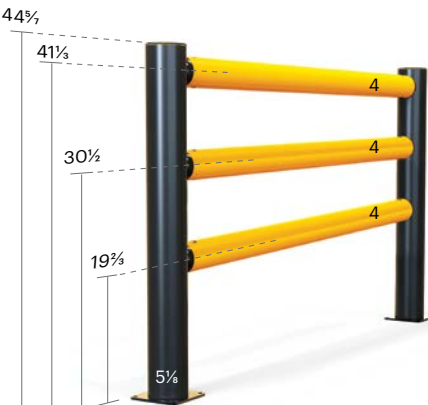
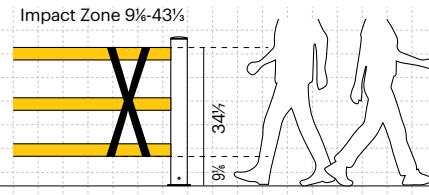
iFlex Pedestrian Guardrail 3 Rail



eFlex™
Pedestrian Guardrail 3 Rail

2kN*
Weight of 2 adults leaning (441 lbs)

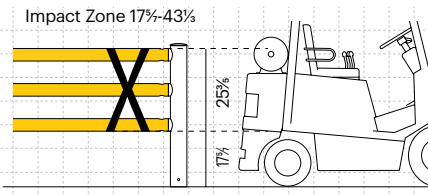
- ✓ Electrophoretic Coated Base



iFlex™
Pedestrian Guardrail 3 Rail

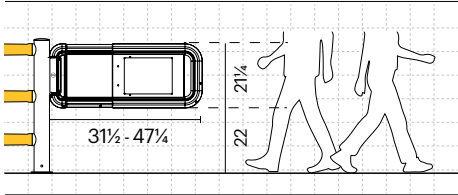
11,600 Joules*
5.1 Ton vehicle at 5mph

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



Universal Swing Gate
Suitable for widths - 31 1/2 - 47 1/4 inches

- ✓ Drop & Lock System
- ✓ Varying Lengths
- ✓ Self-close Hinge

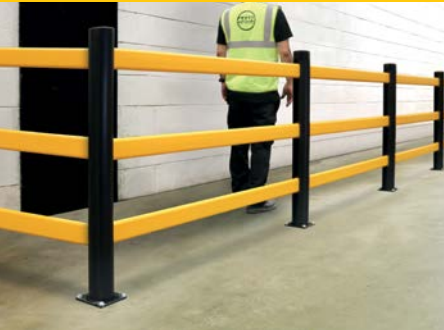


*Ultimate energy load at 45° on a 59 inch rail. All measurements in inches.
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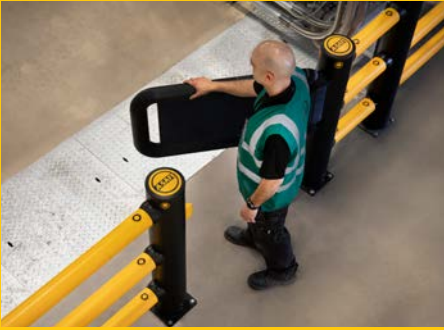
- Separate pedestrians
- Guide personnel and visitors
- Define walkways and safe areas
- Restrict people to defined routes
- Clearly mark crossing places
- Designate safe access and exit points



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



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

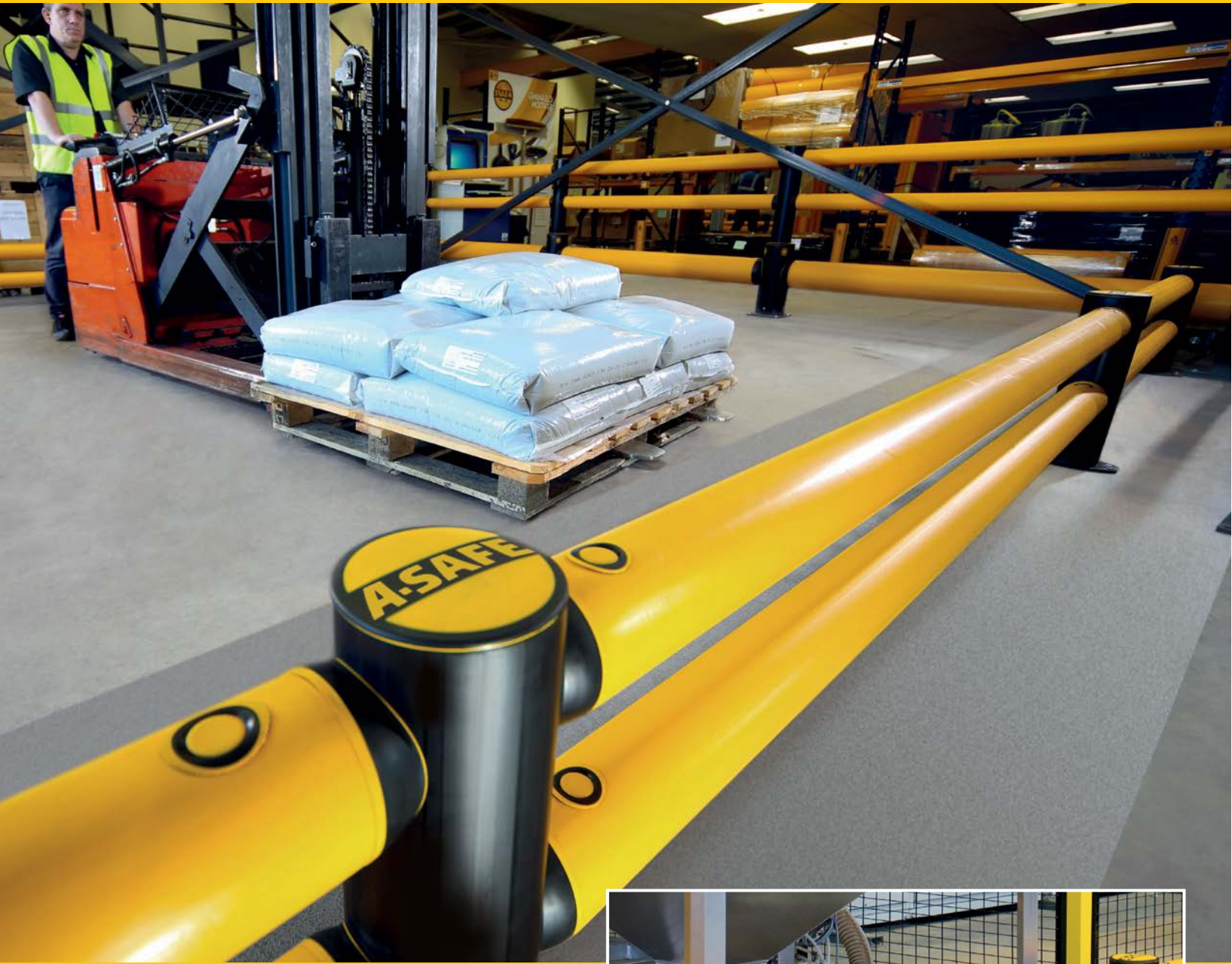


Universal Swing Gate providing safe access to the shop floor.



Universal Swing Gate creating a non-intrusive opening into a machine area.

Micro Guardrails



mFlex Single Traffic Guardrail

“In addition to how well the guardrails perform, the savings in guardrails and warehouse protection maintenance costs has dropped dramatically.”
Regional Supply Chain Director
NESTLÉ

mFlex™
Single Traffic Guardrail Ground Level

5,400 Joules*
2.4 Ton vehicle at 5mph

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

mFlex™
Single Traffic Guardrail

5,400 Joules*
2.4 Ton vehicle at 5mph

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

mFlex™
Double Traffic Guardrail

9,100 Joules*
4 Ton vehicle at 5mph

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

- Separate 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.

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Single Traffic Guardrails

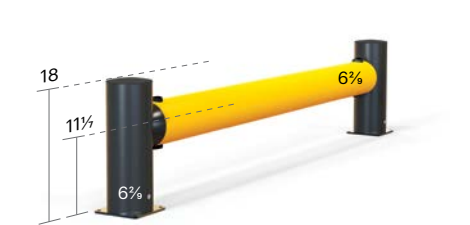


“A-SAFE was agreed as the preferred supplier as they are capable of understanding our needs and providing the right equipment in response to this and to budget.”

Engineering Manager
COCA-COLA



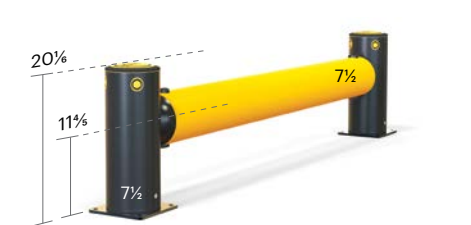
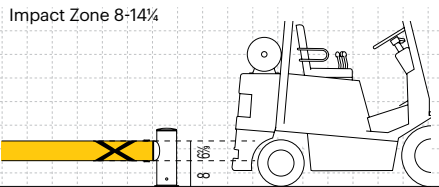
iFlex Single Traffic Guardrail



eFlex™
Single Traffic Guardrail

20,400 Joules*
6.2 Ton vehicle at 6mph

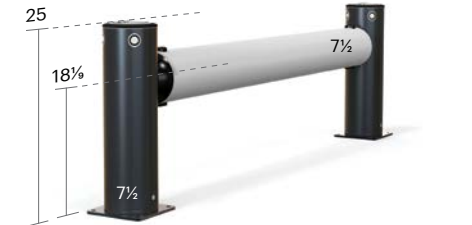
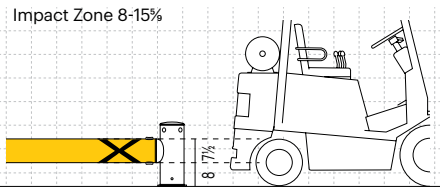
- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base



iFlex™
Single Traffic Guardrail

30,200 Joules*
9.2 Ton vehicle at 6mph

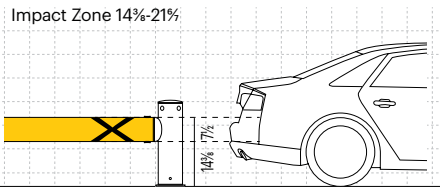
- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base
- ✓ Additional Base Options
- ✓ Hygiene Sealed



iFlex™
Single Traffic Guardrail High Level

30,200 Joules*
3.3 Ton vehicle at 10mph

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



- Separate 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 parking lot.



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-level parking lot.

*Ultimate energy load at 45° on a 78% inch rail. All measurements in inches.
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Double Traffic Guardrails

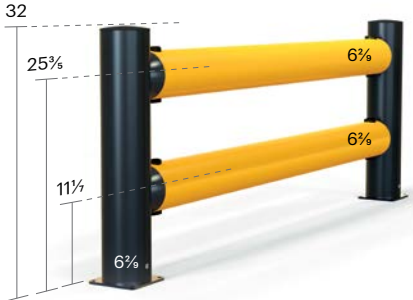


“Guardrails that were installed eight years ago in our transit area show no signs of erosion...Since the installation of A-SAFE guardrails, damages are decreased in the building and at our facilities.”

Occupational Safety Specialist
RITTER SPORT



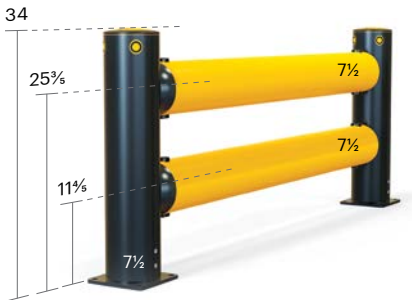
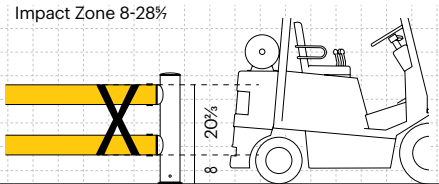
iFlex Double Traffic Guardrail



eFlex™
 Double Traffic Guardrail

27,000 Joules*
 8.3 Ton vehicle at 6mph

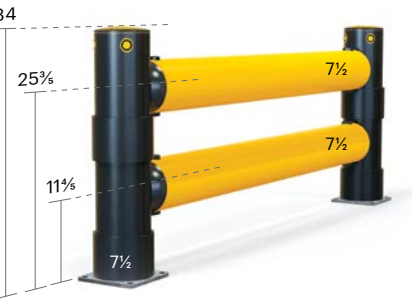
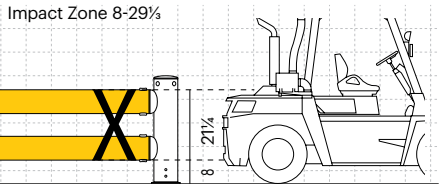
- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base



iFlex™
 Double Traffic Guardrail

41,000 Joules*
 12.5 Ton vehicle at 6mph

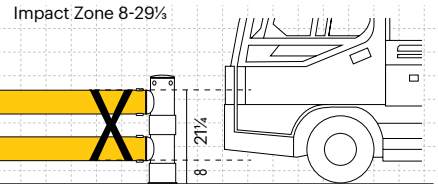
- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base
- ✓ Additional Base Options
- ✓ Hygiene Sealed



Atlas™
 Double Traffic Guardrail

41,000 Joules*
 12.5 Ton vehicle at 6mph

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



- Separate 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 78% inch rail. All measurements in inches.
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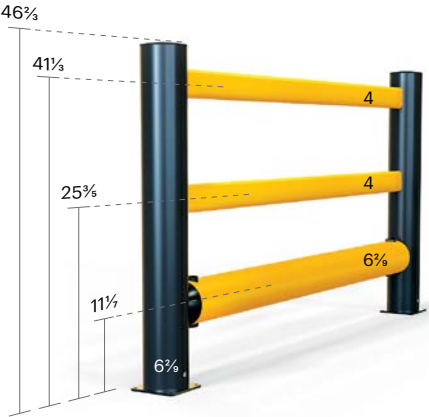
Traffic Guardrails+



iFlex Double Traffic Guardrails+

“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.”

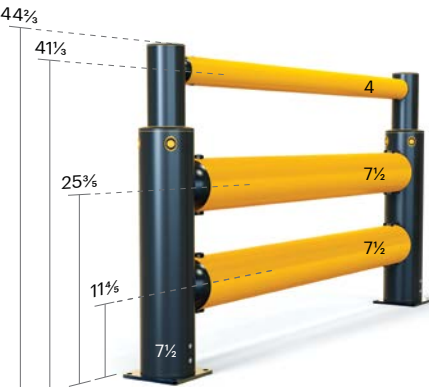
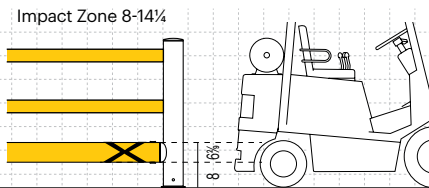
Facilities Engineer
KIMBERLY-CLARK



eFlex™ Single Traffic Guardrail+

20,400 Joules*
6.2 Ton vehicle at 6mph

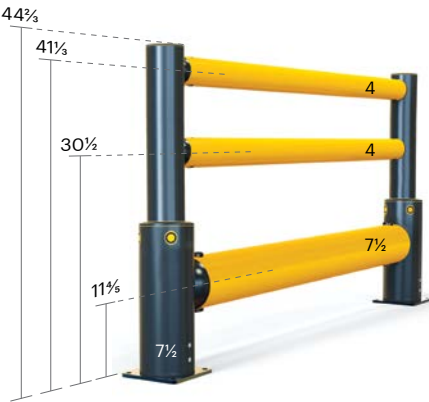
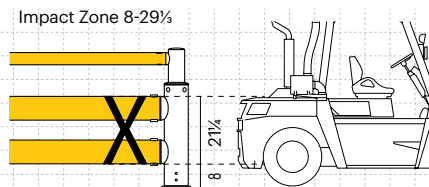
- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base



iFlex™ Double Traffic Guardrail+

41,000 Joules*
12.5 Ton vehicle at 6mph

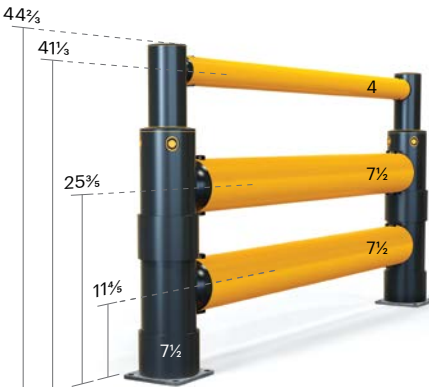
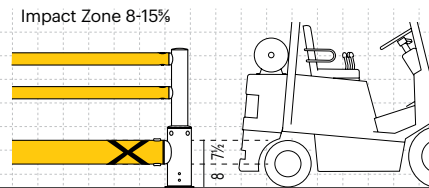
- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base
- ✓ Additional Base Options
- ✓ Hygiene Sealed



iFlex™ Single Traffic Guardrail+

30,200 Joules*
9.2 Ton vehicle at 6mph

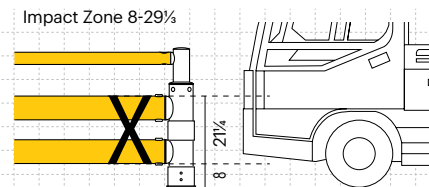
- ✓ Patented Coupling Technology
- ✓ Electrophoretic Coated Base
- ✓ Additional Base Options
- ✓ Hygiene Sealed



Atlas™ Double Traffic Guardrail+

41,000 Joules*
12.5 Ton vehicle at 6mph

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



- Separate 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 center.



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+ guardrails protecting pedestrian walkways.

*Ultimate energy load at 45° on a 78" inch rail. All measurements in inches.

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Topple Guardrails



“In comparison to other safety guardrail, 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 Guardrail

1. Base sections

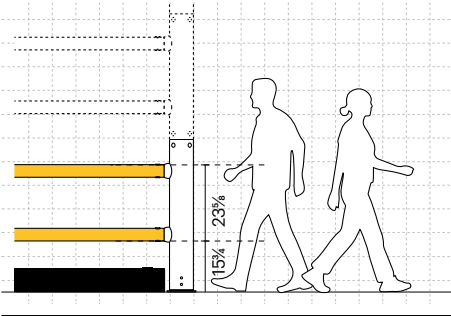
Select the base section best suited for your facility and traffic



iFlex™
Topple Guardrail

882 lbs Horizontal Load
Equivalent 1.1 Ton Pallet

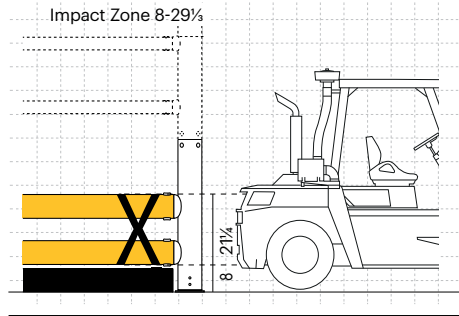
- ✓ Protects Pedestrians from Topple Accidents
- ✓ Fork Protection as Standard
- ✓ Electrophoretic Coated Base
- ✓ Additional Base Options



iFlex™
Heavy Duty Topple Guardrail

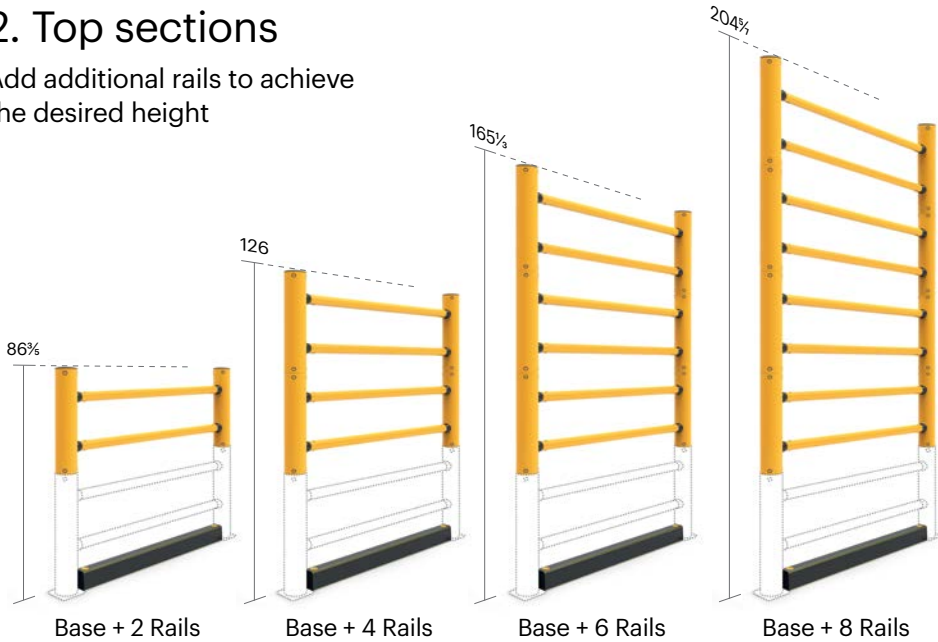
41,000 Joules*
12.5 Ton vehicle at 6mph

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



2. Top sections

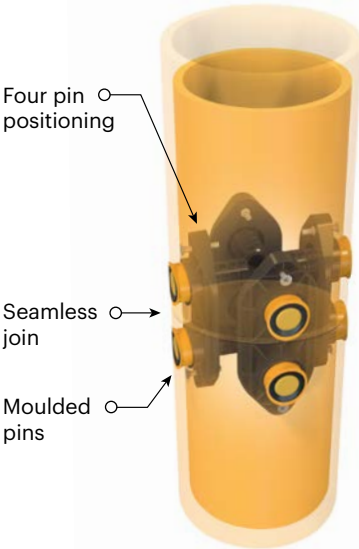
Add additional rails to achieve the desired height



*Ultimate energy load at 45° on a 78 inch rail. All measurements in inches.
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.

- Separate 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

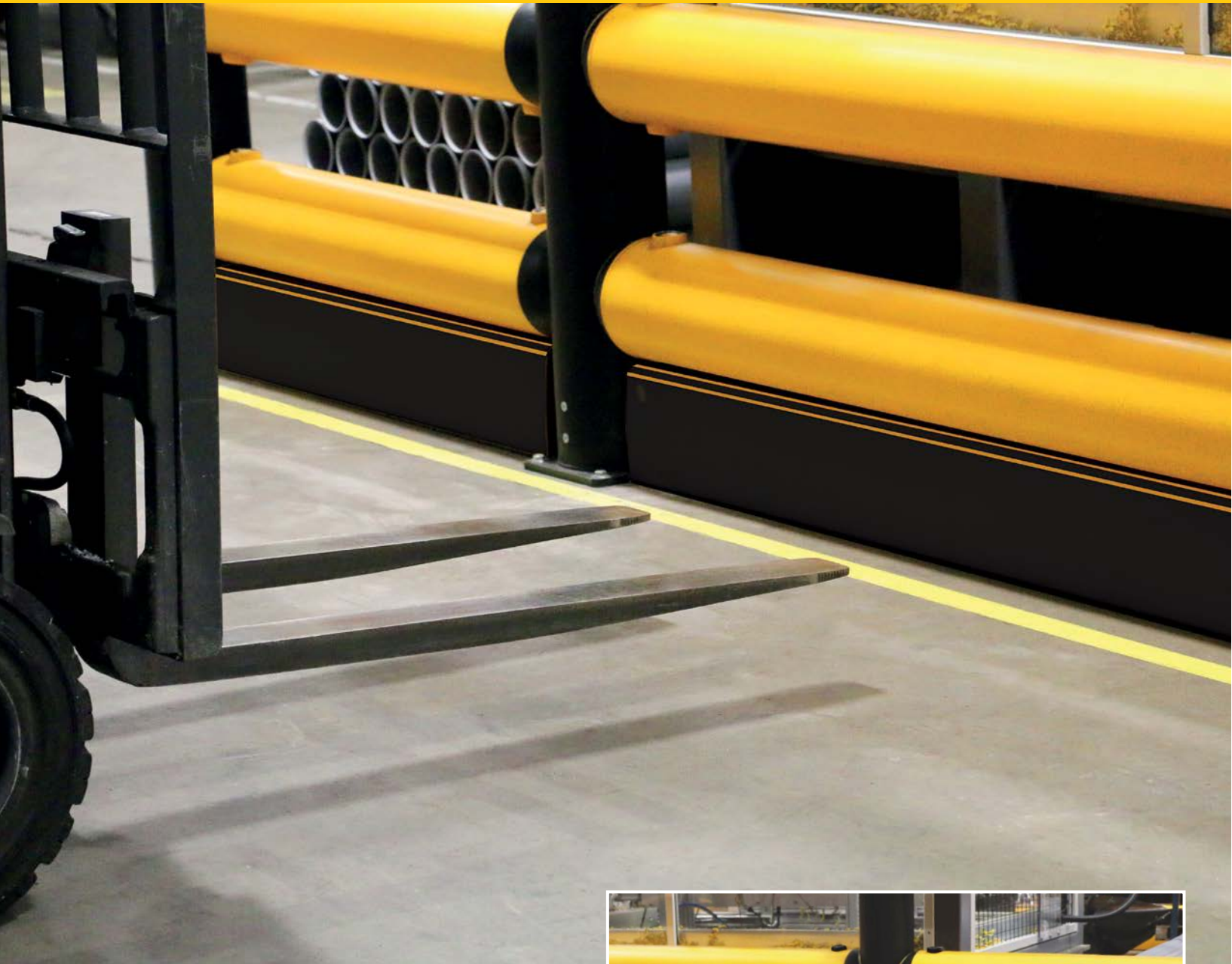


The iFlex in-line coupling introduces a new level of modularity to the A-SAFE range of high-performance guardrail products. This robust solution makes it possible to construct topple guardrails ranging in height from 86% to 204% by simply adding the required number of additional rail modules to a universal base unit.



iFlex Topple Guardrail protecting pedestrians from stacked bulk goods.

ForkGuard



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

Site Manager
SEABROOK CRISPS

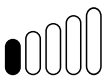


ForkGuard Guardrail



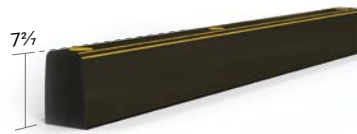
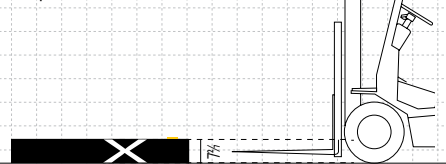
ForkGuard Guardrail

3,000 Joules*
2.1 Ton vehicle at 4mph



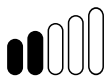
- ✓ Simple Install From Above
- ✓ Fork Deflection

Impact Zone 0-7%



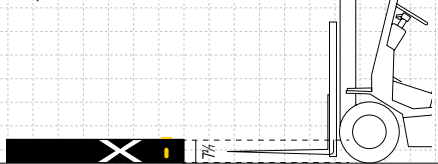
ForkGuard HEAVY DUTY Guardrail

15,800 Joules*
7 Ton vehicle at 5mph



- ✓ Simple Install From Above
- ✓ Anti-fork penetration

Impact Zone 0-7%



The Heavy Duty ForkGuard combines the flexibility and resilience of a Memaplex™ shell with an integral energy-absorbing support rail to deliver unparalleled impact resistance.

- Reinforced resistance
- Fortified flexibility
- Anti-piercing protection

- Separate 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 guardrail systems where there is a risk of fork penetration



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



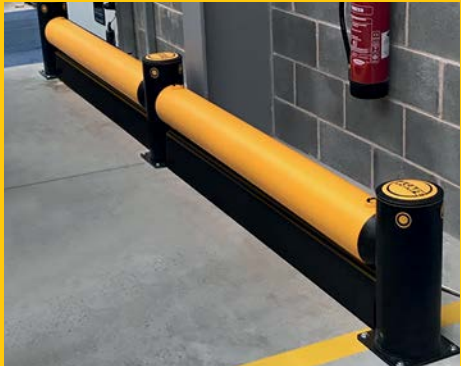
ForkGuard guarding crane columns from fork penetration in a manufacturing facility.



ForkGuard protecting walls at ground level in a distribution facility.



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



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

*Ultimate energy load at 90° above a 39% length. All measurements in inches.

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Column and Corner Guards



“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



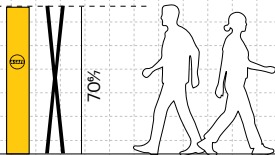
FlexiShield



Padded Column Guard

- ✓ Pedestrian Protection
- ✓ Soft but durable foam padding
- ✓ 360-degree wrap-around design
- ✓ Stackable to protect different heights
- ✓ Easy to install

Impact Zone 0-70%



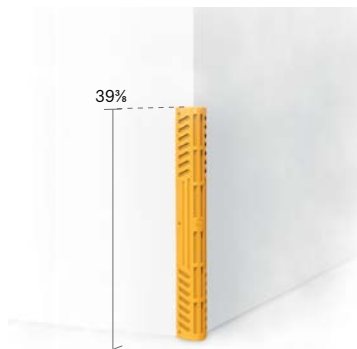
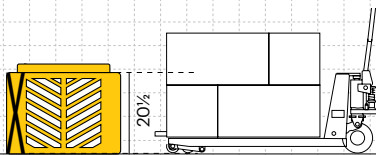
FlexiShield™
Column Guard

1,600 Joules*
2 Ton vehicle at 3mph



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

Impact Zone 0-20%



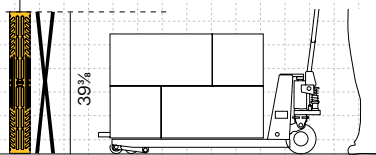
FlexiShield™
Corner Guard

200 Joules*
0.5 Ton vehicle at 2mph



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

Impact Zone 0-39%



- Segregate and guide pedestrians and drivers
- Protect people from exposed infrastructure
- Protect columns and building supports from vehicle collisions and impact damage
- Provide visual guidance
- Defend any size, shape or location of column
- Safeguard structures of any height



Padded Column Guard protecting pedestrians from steel columns positioned in the centre of a 2-lane walkway and near walls.

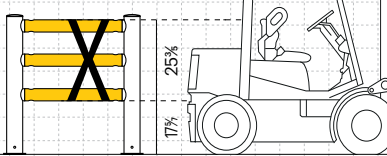
iFlexRail™
Column Guard

11,600 Joules**
5.1 Ton vehicle at 5mph



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

Impact Zone 17%-43%



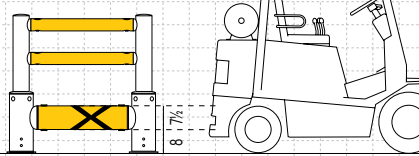
iFlexRail™
Column Guard+

27,500 Joules**
8.4 Ton vehicle at 6mph



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

Impact Zone 8-15%



*Ultimate energy load at 90°. **Ultimate energy load at 45° on a 59 rail. All measurements in inches.

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Bollards

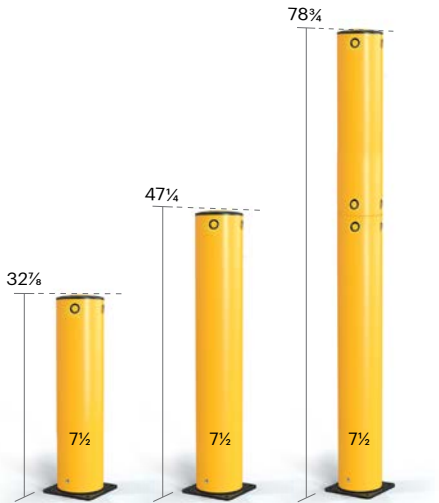


“A-SAFE have been tremendously effective in providing protected walkways for public safety. The reason we chose A-SAFE bollards was because of price, ease of fitting, visibility and durability.”

Senior Facilities Manager
Bluewater Shopping Centre



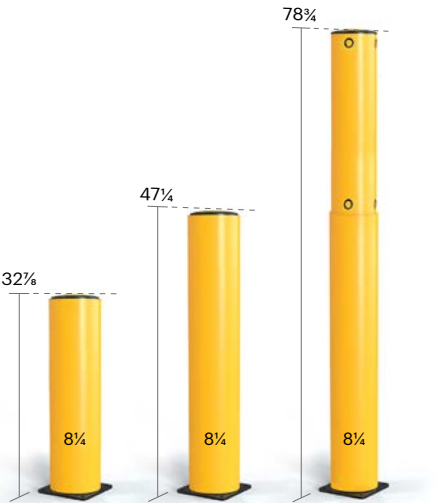
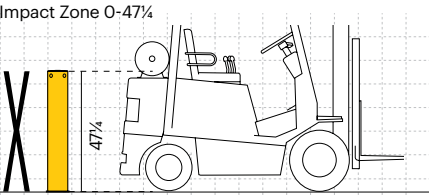
iFlex 1200mm Heavy Duty Bollard



iFlex™
Bollard

6,900 Joules*
4.7 Ton vehicle at 4mph

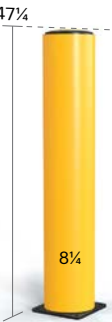
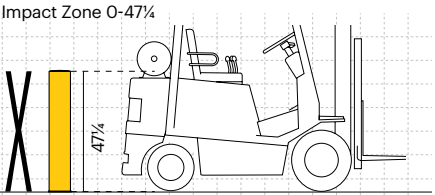
- ✓ Energy Absorbing Core
- ✓ Electrophoretic Coated Base
- ✓ Additional Base Options



iFlex™
Bollard with Wear Collar

6,900 Joules*
4.7 Ton vehicle at 4mph

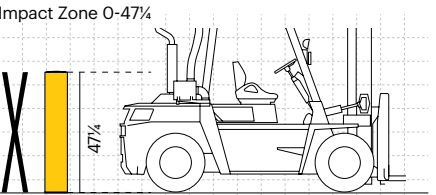
- ✓ Energy Absorbing Core
- ✓ Electrophoretic Coated Base
- ✓ Additional Base Options
- ✓ Wear Collar for Added Protection



iFlex™
Heavy Duty Bollard

8,800 Joules*
6.1 Ton vehicle at 4mph

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



- 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 protecting electric car charging point.



Bollards providing protection to key business assets whilst also allowing access.



Heavy Duty Bollards segregating workplace vehicles from pallet areas.



Bollards used to defend entranceway columns in storage facility.



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

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

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.

Height Restrictor and Alarm Bar



“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

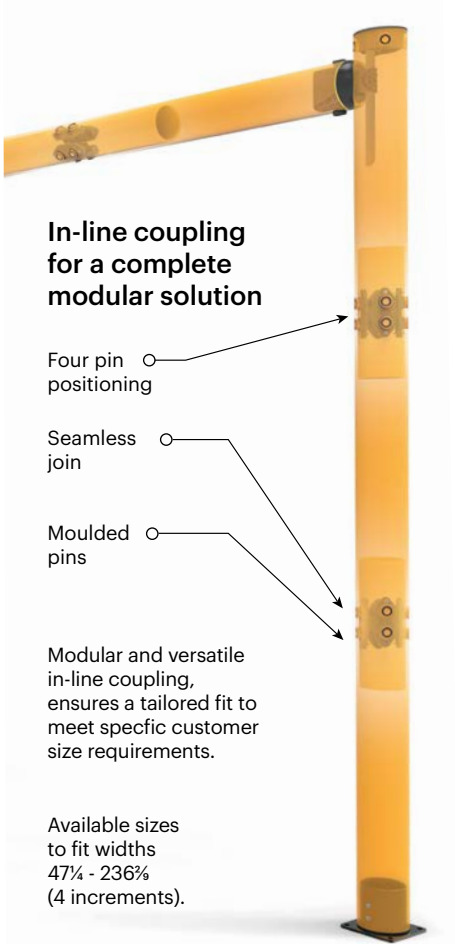
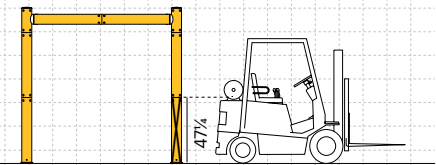


iFlex™ Height Restrictor

5,400 Joules*
6.6 Ton vehicle at 3mph

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

Impact Zone 0-47 1/4"



In-line coupling for a complete modular solution

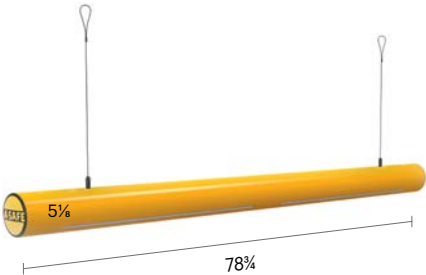
Four pin positioning

Seamless join

Moulded pins

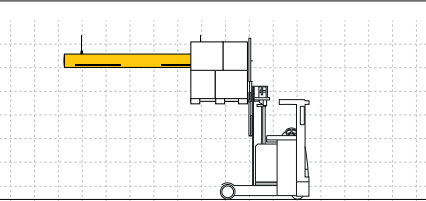
Modular and versatile in-line coupling, ensures a tailored fit to meet specific customer size requirements.

Available sizes to fit widths
47 1/4" - 236%
(4 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.

*Ultimate energy load at 90°. All measurements in inches. **Based on sound measured at a distance of 10cm from sound port in an environment with 73.3dB of ambient noise. Detected sound levels vary by distance and position of SPL meter in relation to sound ports.

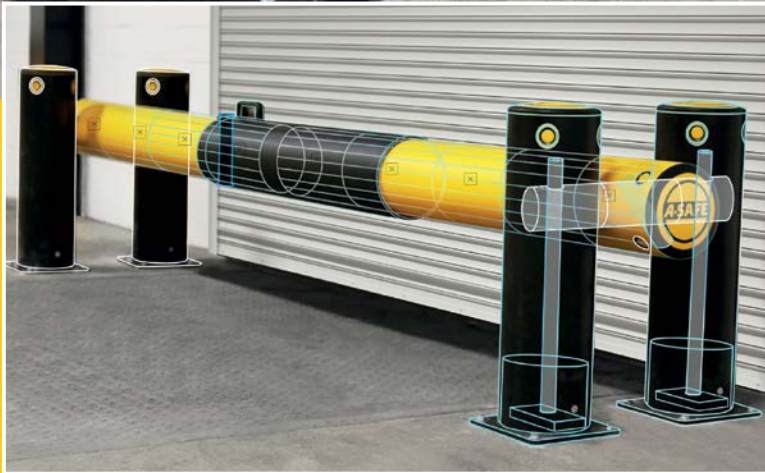
Joules ratings are provided for your reference only. Our expert technical teams will always recommend the correct specification for your needs. Impact resistance is subject to environmental factors. See individual data sheets for more information. Data is accurate at time of writing.

Service Yard Protection

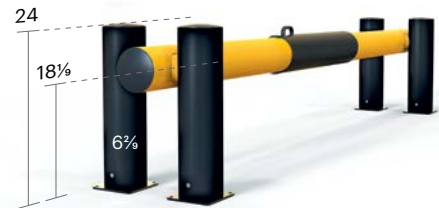


“The General Manager was so impressed that we ordered further quantities of the protector systems and we’re now converting our whole site to A-SAFE.”

Engineering Manager
DHL



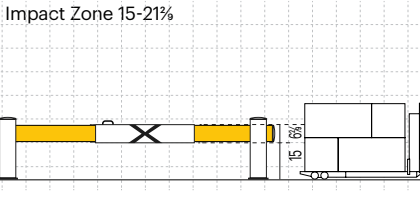
iFlex Dock Gate



eFlex™
Dock Gate

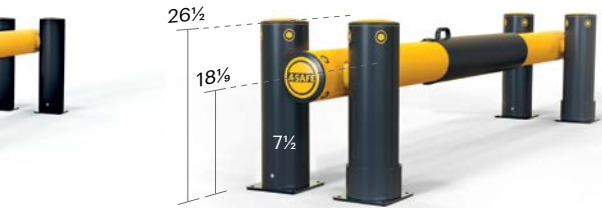
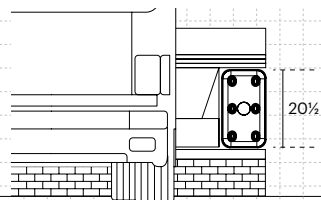
6,000 Joules*
4.1 Ton vehicle at 4mph

- ✓ Patented Protective Technology
- ✓ Electrophoretic Coated Base



Dock Buffer

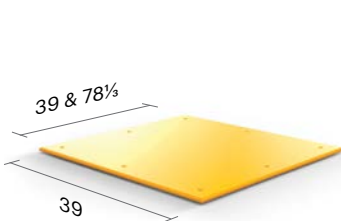
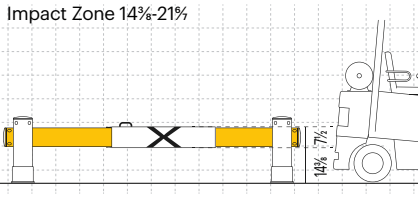
The A-SAFE Dock Buffer shields loading docks from impact damage caused by reversing heavy goods vehicles. Its durable multi-layer polymer construction also protects against cumulative friction damage, while a highly visible yellow layer enhancing driver guidance.



iFlex™
Dock Gate

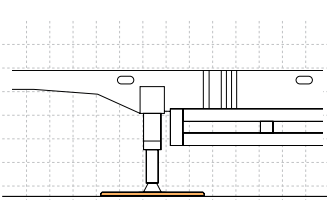
12,000 Joules*
8.3 Ton vehicle at 4mph

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



Trailer Plate

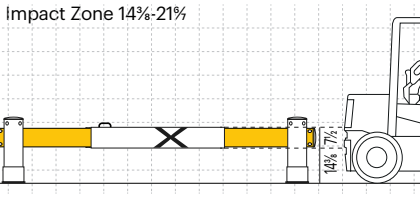
A shield between HGVs and the loading zone floor, ensuring an even and supported surface for trailer landing legs. Manufactured from our patented Memaplex™ material, Trailer Plates are rust and corrosion resistant.



iFlex™
Dock Gate XL

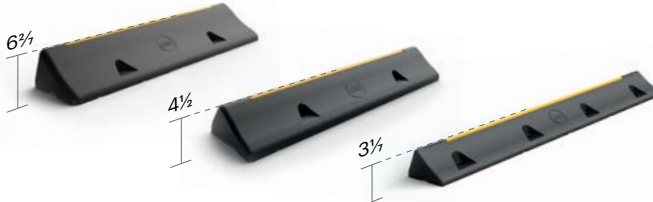
7,000 Joules*
4.8 Ton vehicle at 4mph

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



Vehicle Stops

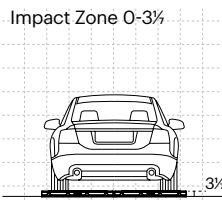
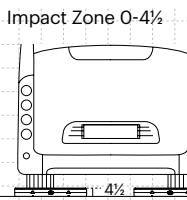
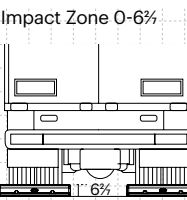
Manufactured from high-performance recycled rubber, A-SAFE Vehicle Stops are weather and crack resistant, maintaining their form under pressure. High-visibility markings mean that Vehicle Stops can be seen by both drivers and pedestrians. Multiple fixings per unit ensure a secure fastening on both concrete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



Truck Stop

Coach Stop

Car Stop



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 center loading bay.

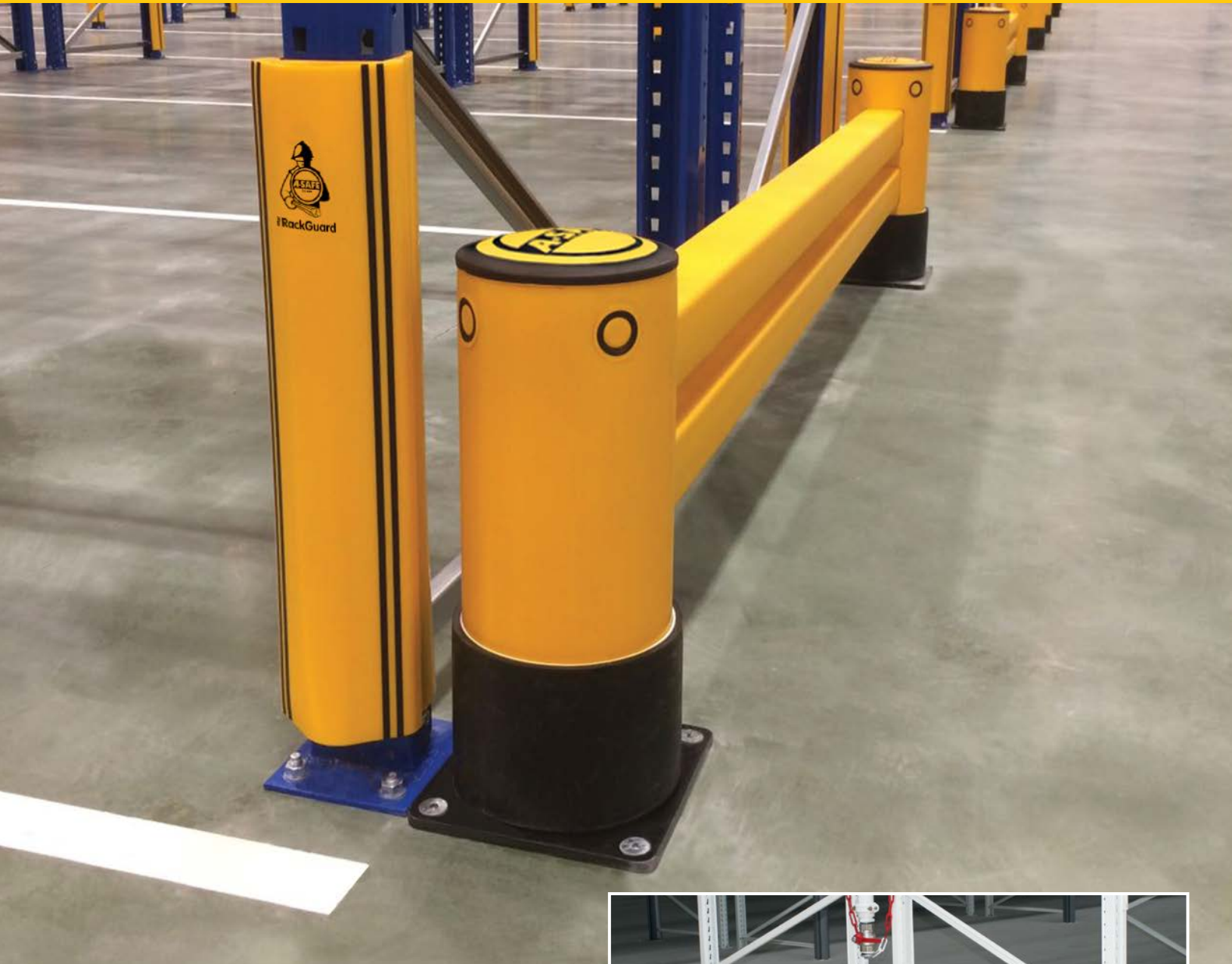


Truck Stops create a highly visible and physical stop point at retail warehouse distribution center.

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

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.

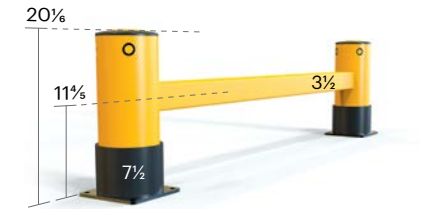
RackEnd Guardrails



RackGuard & iFlex Single RackEnd Guardrail

“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.”

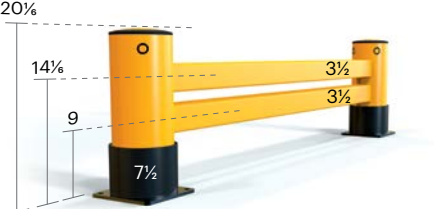
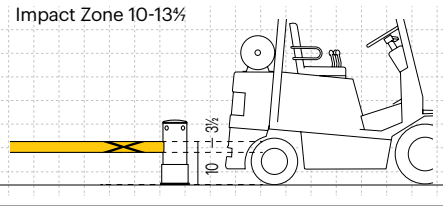
Warehouse Manager
CO-OP Distribution Centre



eFlex™
 Single RackEnd Guardrail

8,000 Joules*
 5.5 Ton vehicle at 4mph

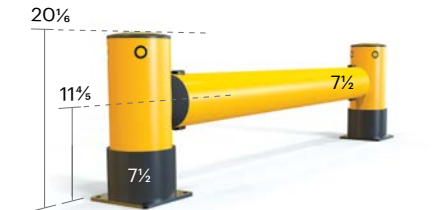
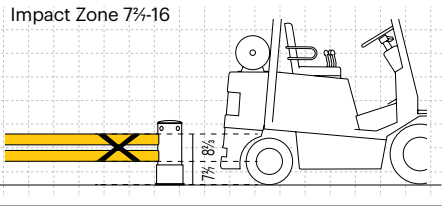
- ✓ Rotating Wear Collars
- ✓ Simple Installation
- ✓ Electrophoretic Coated Base



eFlex™
 Double RackEnd Guardrail

12,000 Joules*
 8.3 Ton vehicle at 4mph

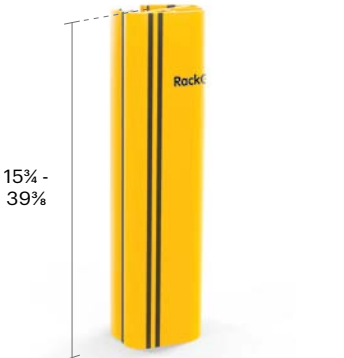
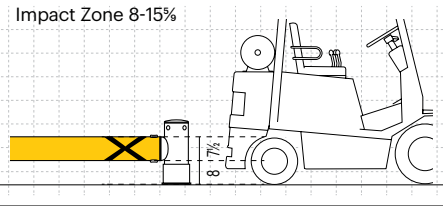
- ✓ Rotating Wear Collars
- ✓ Simple Installation
- ✓ Electrophoretic Coated Base



iFlex™
 Single RackEnd Guardrail

30,200 Joules*
 13.3 Ton vehicle at 5mph

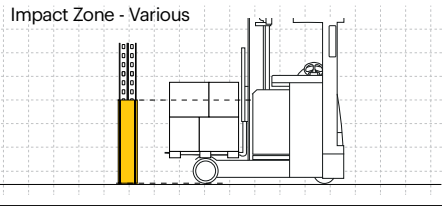
- ✓ Patented Coupling Technology
- ✓ Rotating Wear Collars
- ✓ Electrophoretic Coated Base
- ✓ Hygiene Sealed



RackGuard™
 Rack Leg Protector

1,000 Joules**

- ✓ Compression Hinge
- ✓ Centralizing 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 ForkGuard to protect racking from vehicles and forks at distribution center.



iFlex Single RackEnd Guardrail used to protect racking at retail warehouse and distribution center.



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

*Ultimate energy load at 45° on a 78% rail. **Ultimate energy load at 90°. All measurements in inches.
 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.



“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.

Introducing RackEye

RackEye helps you look after your warehouse day and night. It detects impacts to your racking and alerts you automatically if attention is required. With 24/7 real-time data, you can see everything as it happens, or you can view a full history of impacts for the day, week or year. Powerful insights allow you to track incident trends and take preventative action.

24/7

MONITOR | ALERT | PREVENT

RackEye sees everything.
It is the eyes and ears
of your racking every
minute of every day.

If something happens,
RackEye will tell you instantly,
pinpointing the exact location
and level of risk.

With real-time data
insights, you can make
decisions that prevent
accidents and save costs.

“It was more about
having an extra level
of visibility over our
racking, and extra
PEACE OF MIND.

RackEye gives us that.”

Robert Yates, Europa



✓ Optimize safety and never miss a thing

Automatic incident logging and
guided rack inspections maximize
safety and compliance, providing
peace of mind that nothing will
be missed.

✓ Save time and money on maintenance

Early visibility and easy incident
management allow you to plan and
prioritize maintenance. Incident
patterns help you to predict and
prevent unplanned repairs.

✓ Reduce damage with powerful insights

Real-time data and actionable
insights allow you to reduce
rack impacts and increase your
operational efficiency.

✓ Empower and engage your people

Increased awareness of risk
empowers and engages your team
to drive positive change in their own
work environment.

Cold Storage



“All round, I am very happy with the A-SAFE guardrails. 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

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 -22°F. 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-colored for maximum hygiene and ease of care.

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

ForkGuard
Cold Storage Guardrail

3,000 Joules****

2.1 Ton vehicle at 4mph

- ✓ Simple Install From Above
- ✓ Fork Deflection

Impact Zone 0-7%

RackGuard™
Cold Storage Rack Leg Protector

1,000 Joules***

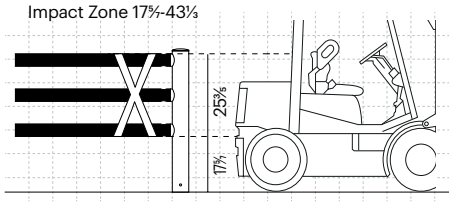
- ✓ Compression Hinge
- ✓ Centralizing Rubber Lug
- ✓ Simple Installation

iFlex™
Cold Storage Pedestrian Guardrail 3 Rail

11,600 Joules*

5.1 Ton vehicle at 5mph

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

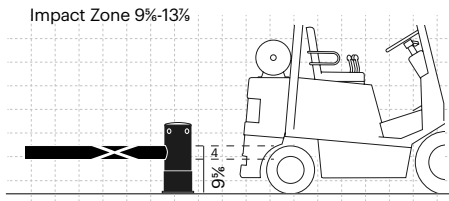


iFlex™
Cold Storage Single RackEnd Barrier

8,000 Joules**

5.6 Ton vehicle at 4mph

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

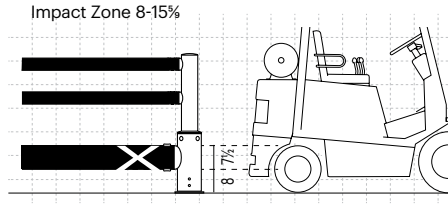


iFlex™
Cold Storage Single Traffic Guardrail+

30,200 Joules**

9.2 Ton vehicle at 6mph

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

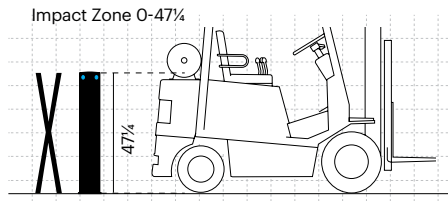


iFlex™
Cold Storage Bollard

6,900 Joules***

4.7 Ton vehicle at 4mph

- ✓ Energy Absorbing Core
- ✓ Electrophoretic Coated Base

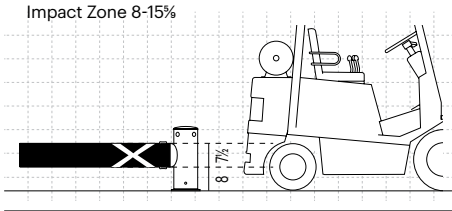


iFlex™
Cold Storage Single Traffic Guardrail

30,200 Joules**

9.2 Ton vehicle at 6mph

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

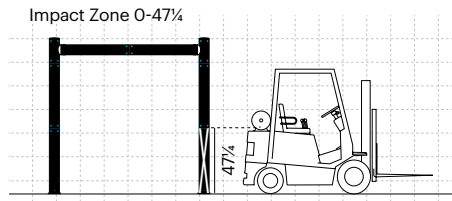


iFlex™
Cold Storage Height Restrictor

5,400 Joules***

6.6 Ton vehicle at 3mph

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



*Ultimate energy load at 45° on a 59 rail. **Ultimate energy load at 45° on a 78% rail. ***Ultimate energy load at 90°. ****Ultimate energy load at 90° on a 39% rail. All measurements in inches.

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.

Retractable Guardrail Tape & Signage



- Retractable Guardrail Tape Post Kit**

 - ✓ Lockable Self-retracting 9m Tape Reel
 - ✓ Strong High-visibility Tape
 - ✓ Easy to Fit to any Guardrail System
 - ✓ Multi-directional
- Retractable Guardrail Tape Racking Kit**

 - ✓ Lockable Self-retracting 9m Tape Reel
 - ✓ Strong High-visibility Tape
 - ✓ Tape Reel Attached via Magnetic Fitting
 - ✓ Products Supplied in Robust Carry Case
- A4 Sign Board Unit**

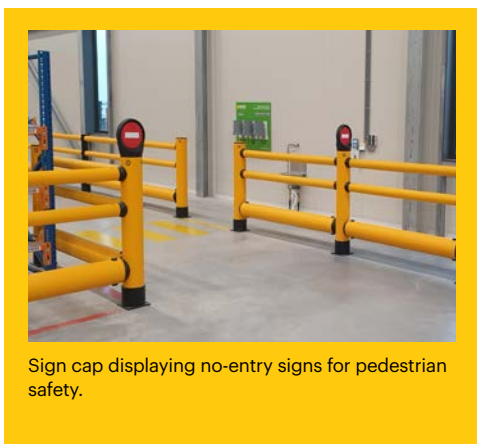
 - ✓ Eye-level Polycarbonate
 - ✓ Clear, Wipe Clean Material
 - ✓ Easy-fit Mounting
 - ✓ Simple Installation

Sign Cap

- ✓ Use in Vehicle Areas
- ✓ Displays Health and Safety Information
- ✓ Fully Customisable
- ✓ Can be Retrofitted

Sign Post

- ✓ Use in Pedestrian Zones
- ✓ Displays Health and Safety Information
- ✓ Choice of Signage
- ✓ Electrophoretic Coated Base



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 guardrails 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 (inch)	Rail Diameter (inch)	Rail Increments (inch)	Impact Zone (inch)	Ultimate Energy Load in Joules				Hygiene Sealed	Additional Base Plate Options	Multiple Angle Options
							22.5° Angle Impact	45° Angle Impact	67.5° Angle Impact	90° Angle Impact			
PEDESTRIAN GUARDRAILS													
	eFlex:	Pedestrian Guardrail 3 Rail	5%	4 x 1%	19%	9%-43%	-	-	-	-	✗	✗	✗
	iFlex:	Pedestrian Guardrail 3 Rail	5%	4	7%	17%-43%	39,605J	11,600J	6,795J	5,800J	✓	✓	✓
GATES													
	A-SAFE	Universal Swing Gate	5%	-	-	-	-	-	-	-	✗	✗	✗
TRAFFIC GUARDRAILS													
	mFlex:	Single Guardrail Ground Level	5%	4	7%	2-6	18,437J	5,400J	3,163J	2,700J	✓	✓	✓
	mFlex:	Single Guardrail	5%	4	7%	6-9%	18,437J	5,400J	3,163J	2,700J	✓	✓	✓
	mFlex:	Double Guardrail	5%	4	7%	6-17%	31,069J	9,100J	5,331J	4,550J	✓	✓	✓
	eFlex:	Single Traffic Guardrail	6%	6%	19%	8-14%	69,650J	20,400J	11,950J	10,200J	✗	✗	✓
	iFlex:	Single Traffic Guardrail	7½	7½	7%	8-15%	103,109J	30,200J	17,691J	15,100J	✓	✓	✓
	iFlex:	Single Traffic Guardrail High Level	7½	7½	7%	14%-21%	103,109J	30,200J	17,691J	15,100J	✓	✓	✓
	eFlex:	Double Traffic Guardrail	6%	6%	19%	8-28%	92,184J	27,000J	15,816J	13,500J	✗	✗	✓
	iFlex:	Double Traffic Guardrail	7½	7½	7%	8-29%	139,983J	41,000J	24,017J	20,500J	✓	✓	✓
	Atlas	Double Traffic Guardrail	7½	7½	7%	8-29%	139,983J	41,000J	24,017J	20,500J	✓	✓	✓
TRAFFIC GUARDRAILS+													
	eFlex:	Single Traffic Guardrail+	6%	4 x 1% 6%	19%	8-14%	69,650J	20,400J	11,950J	10,200J	✗	✗	✓
	iFlex:	Single Traffic Guardrail+	7½	4 7½	7%	8-15%	103,109J	30,200J	17,691J	15,100J	✓	✓	✓
	iFlex:	Double Traffic Guardrail+	7½	4 7½	7%	8-29%	139,983J	41,000J	24,017J	20,500J	✓	✓	✓
	Atlas	Double Traffic Guardrail+	7½	4 7½	7%	8-29%	139,983J	41,000J	24,017J	20,500J	✓	✓	✓

Product	Brand	Product Name	Post Diameter (inch)	Rail Diameter (inch)	Rail Increments (inch)	Impact Zone (inch)	Ultimate Energy Load in Joules				Hygiene Sealed	Additional Base Plate Options	Multiple Angle Options
							22.5° Angle Impact	45° Angle Impact	67.5° Angle Impact	90° Angle Impact			
HIGH LEVEL TOPPLE GUARDRAIL													
	iFlex	Topple Guardrail (4, 6, 8, 10 Rail Options) with Forkguard	7½	4	15%	-	-	-	-	-	✗	✓	✓
	iFlex	Heavy Duty Topple Guardrail (4, 6, 8, 10 Rail Options) with Forkguard	7½	4 7½	25% 15%	8-29%	139,983J	41,000J	24,017J	20,500J	✗	✓	✓
FORKGUARD													
	ForkGuard	ForkGuard	-	-	4	0-7%	-	-	-	3,000J	✗	✗	✗
	ForkGuard	ForkGuard Heavy Duty	-	-	4	0-7%	-	-	-	15,800J	✓	✗	✗
COLUMN GUARD													
	FlexiShield	Column Guard	-	-	-	0-20%	-	-	-	1,600J	✗	✗	✗
	FlexiShield	Corner Guard	-	-	-	0-39%	-	-	-	200J	✗	✗	✗
	iFlex:Rail	Column Guard	5%	4	7%	17%-43%	39,605J	11,600J	6,795J	5,800J	✓	✓	✗
	iFlex:Rail	Column Guard+	7½	4 7½	7%	8-15%	93,891J	27,500J	16,109J	13,750J	✓	✓	✗
BOLLARDS													
	iFlex	Bollards Bollards with wear collar	7½ 8%	-	-	0-47%	-	-	-	6,900J	✗	✓	✗
	iFlex	Heavy Duty Bollard	8%	-	-	0-47%	-	-	-	8,800J	✗	✓	✗
	A-SAFE	Sign Cap Sign Post	7½	-	-	-	-	-	-	-	✗	✗	✗
DOOR PROTECTION													
	iFlex	Height Restrictor	7½	7½	-	0-47%	-	-	-	5,400J	✗	✓	✗
	A-SAFE	Alarm Bar	-	5%	One Size	-	-	-	-	-	✗	✗	✗
	eFlex	Dock Gate	6%	6%	One Size	15-21%	-	-	-	6,000J	✗	✗	✗
	iFlex	Dock Gate XL	7½	7½	One Size	14%-21%	-	-	-	7,000J	✗	✗	✗
	iFlex	Dock Gate	7½	7½	One Size	14%-21%	-	-	-	12,000J	✗	✗	✗

Product	Brand	Product Name	Post Diameter (inch)	Rail Diameter (inch)	Rail Increments (inch)	Impact Zone (inch)	Ultimate Energy Load in Joules				Hygiene Sealed	Additional Base Plate Options	Multiple Angle Options
							22.5° Angle Impact	45° Angle Impact	67.5° Angle Impact	90° Angle Impact			
RACKING PROTECTION													
	RackGuard	Rack Leg Protector	-	-	-	0-39%	-	-	-	1,000J	✗	✗	✗
	eFlex	Single RackEnd Guardrail (also available with Forkguard)	7½	3½ x 3½	4	10-13%	27,314J	8,000J	4,686J	4,000J	✗	✓	✗
	eFlex	Double RackEnd Guardrail (also available with Forkguard)	7½	3½ x 3½	4	7½-16	40,971J	12,000J	7,029J	6,000J	✗	✓	✗
	iFlex	Single RackEnd Guardrail (also available with Forkguard)	7½	7½	4	8-15%	103,109J	30,200J	17,691J	15,100J	✓	✓	✗
COLD STORAGE													
	ForkGuard	Cold Storage ForkGuard	-	-	4	0-7%	-	-	-	3,000J	✗	✗	✗
	RackGuard	Cold Storage Rack Leg Protector	-	-	-	0-39%	-	-	-	1,000J	✗	✗	✗
	iFlex	Cold Storage Single Traffic Guardrail	7½	7½	7%	8-15%	103,109J	30,200J	17,691J	15,100J	✓	✗	✓
	iFlex	Cold Storage Pedestrian Guardrail 3 Rail	5%	4	7%	17½-43%	39,605J	11,600J	6,795J	5,800J	✓	✗	✓
	iFlex	Cold Storage Single Traffic Guardrail+	7½	4 7½	7%	8-15%	103,109J	30,200J	17,691J	15,100J	✓	✗	✓
	iFlex	Cold Storage Bollards	7½	-	-	0-47%	-	-	-	6,900J	✗	✗	✗
	iFlex	Cold Storage Height Restrictor	7½	7½	-	0-47%	-	-	-	5,400J	✗	✗	✗
	A-SAFE	Cold Storage Single RackEnd Guardrail	7½	4	7%	9%-13%	27,314J	8,000J	4,686J	4,000J	✗	✓	✗
Product	Brand	Product Name	Height (inch)	Width (inch)	Length (inch)	Impact Zone (inch)	Ultimate Energy Load in Joules				Hygiene Sealed	Additional Base Plate Options	Multiple Angle Options
							22.5° Angle Impact	45° Angle Impact	67.5° Angle Impact	90° Angle Impact			
VEHICLE STOPS													
	A-SAFE	Truck Stop	6%	39%	11%	-	-	-	-	-	✗	✗	✗
	A-SAFE	Coach Stop	4½	39%	8%	-	-	-	-	-	✗	✗	✗
	A-SAFE	Car Stop	3%	39%	5½	-	-	-	-	-	✗	✗	✗



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A-SAFE Inc
400 North Zarfoss Drive, York, PA 17404, USA
Tel: (443) 776 3472 email: sales@asafe.us

