

d-flexx Flexible Safety Barriers

Edition 01



The Vanguard Difference

Since 1991, Vanguard Group has focused on sourcing premium products, along with new innovations from around the world to provide New Zealand businesses with the very best in site safety & traffic management solutions for their staff, visitors and clients.

As a family based business, we are built on community, accountability and trust, where we believe that people come first.

Our team of experienced safety consultants are available NZ wide to conduct site safety assessments with you, which allows us to understand your challenges, and recommend a solution that's fit for purpose.

Effective traffic and pedestrian management allows people and vehicles to coexist safely and efficiently using the most effective solutions. Our array of products is not limited to bollards and barriers, but also includes handrails and gates, floor marking systems, speed calmers and much more.

We look forward to working with you and your business.

Gareth, Brendan, Craig & the team.

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Gareth McLean
Managing Director



Brendan McLean
Sales Director



Craig McLean
Marketing Director

Vanguard Makes It Easy

Keeping your people separated from traffic or mobile plant can be challenging.

Vanguard is the only service provider to offer clients a complete end to end workplace traffic management solution.

From on-site scoping, assessing the risk profile, through to supply and installation, we are your Guardians for 'Life'.

We Offer:

PEACE OF MIND

Have confidence when working with Vanguard that you're not only working with experienced Vanguard Safety Consultants, but also a dedicated Service & Operations team.

FULL SERVICE

To offer best in class service to our customers, we also work with our network of skilled partners & subcontractors who are experts in their fields. Because of these partnerships we can offer a full service from onsite evaluation and planning to supply and installation.

EXTENSIVE RANGE

Vanguard prides itself on providing a wide range of products sourced globally and to industry specification. If parts of your scope are outside our remit, it's highly likely we can connect you with one of our trusted partners.

EFFICIENT & EFFECTIVE

Vanguard understands that having the right plan is key to a job well done, so in conjunction with onsite assessments and traffic management plans, Vanguard also uses tools such as 3D drawings and renderings to give you a vision of the end result.

When you contact us, we'll respond in person within 60 minutes. Guaranteed.

Not everyone can do that. But we can. And we will.





Flexible Barrier Systems

d-flexx flexible barriers are a superior barrier system for traffic management and pedestrian flow in warehouses and other work sites. Manufactured in Denmark from a polymer which is flexible, shock-absorbent and highly impact-resistant, they flex and absorb impact, then return to their original shape. We understand that all workplaces have different risks with the type, weight and speed of vehicles present, and nature of vehicle and pedestrian zones. We can work with you from zone planning, through to installation and beyond, to ensure you get the correct level of protection you need.

(Note; other Flexible impact systems only test in-house and use 'calculated' crash ratings. **d-flexx** has been physically crash and certified by German testing company TÜV NORD. This means we can guarantee the strength ratings rather than hope that the calculated impacts are adequate).



Benefits:

- Absorbs the impact energy, reducing the risk of serious injury and damage to the driver and vehicle
- Reduce repair and maintenance costs (collision impact doesn't transfer to floor)
- Corrosion resistant and has an extremely long lifespan
- Modular design – can be installed to exactly suit your operational layout, and adapted or added as your business changes
- Easy to transport and install
- Tested and certified by German TÜV NORD (DIN EN 1512)
- Indoor and outdoor use
- 100% recyclable

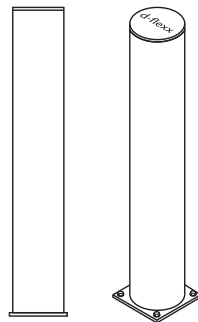
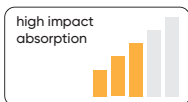


Flexible Bollard

d-flexx Bollards are made of flexible, 100% recyclable material that absorbs energy during a collision. During impact, the material bends and then returns to its original shape. Suitable for indoor and outdoor use.

Tested and certified by German TÜV NORD (DIN EN 1512)

Use to protect structures and equipment from traffic damage, and for traffic guidance.



Specifications

Tested to withstand force of (joule)	2,000 J
Vehicle weight equivalent	2,000kg
Vehicle equivalent speed	5.1km/h
Equivalent angle of impact	90°
Operating temperature	-10° to +50°
Chemical resistance	high – ISO/TR 10358
Standard warranty	5 years

Dimensions

Heights	516, 760 and 1200mm
Dia	200mm
Base plate	225x225mm

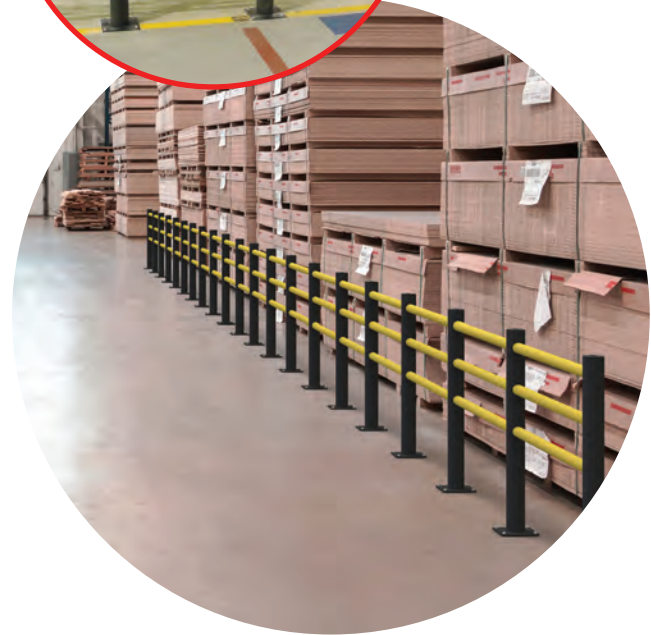
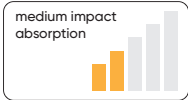


Pedestrian Barrier

A modular barrier made of flexible, 100% recyclable material that absorbs energy during a collision. During impact, the material bends and then returns to its original shape. Designed to segregate people from vehicles, they are UV stabilised so suitable for indoor and outdoor use. Can be configured to suit your worksite layout. The barrier consists of posts and a set of three cross beams.

Tested and certified by German TÜV NORD (DIN EN 1512)

Use to separate people from vehicles.

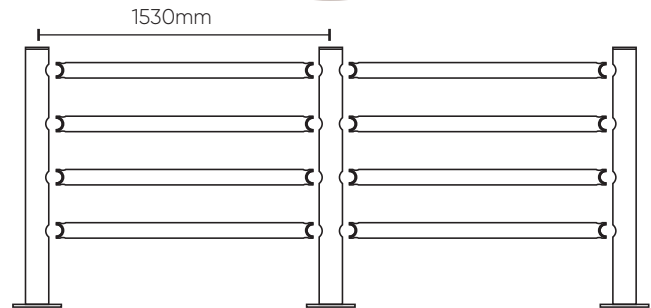


Specifications

Tested to withstand force of (joule)	2,500 J
Vehicle weight equivalent	5,000kg
Vehicle equivalent speed	5.7km/h
Equivalent angle of impact	90°
Operating temperature	-10° to +50°
Chemical resistance	high – ISO/TR 10358
Standard warranty	5 years

Dimensions

Post height	1200mm
Post dia	110mm
Post centres	1530mm
Base plate	225x225mm



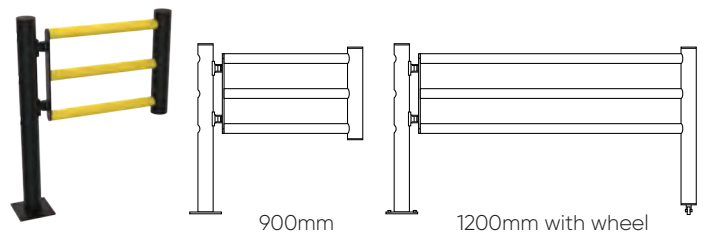
Swing Gate

d-flexx Swing Gate is made of special flexible material. Can be installed alone, or incorporated into our **d-flexx** Pedestrian Barrier system and **d-flexx** Traffic Barrier system. Top quality hydraulic hinges with adjustable gate closing resistance force. UV stabilised, suitable for indoor and outdoor use.

Available in standard widths of 900mm and 1200mm but customised widths can also be made.

Specifications

Operating temperature	-10° to +50°
Chemical resistance	high – ISO/TR 10358
Standard warranty	5 years



Dimensions

Post height	1200mm
Post dia	110mm
Base plate	225x225mm



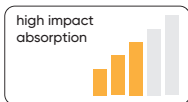
Traffic - Mono

A modular barrier made of flexible, 100% recyclable material that absorbs energy during a collision. During impact, the material bends and then returns to its original shape. UV stabilised, suitable for indoor and outdoor use. Can be configured to suit your worksite layout. The barrier consists of posts and a cross tube.

Tested and certified by German TÜV NORD (DIN EN 1512)

Exceeds AS/NZ 1170.1:2002 (Type G)

Use for high traffic areas where low mass vehicles are present.

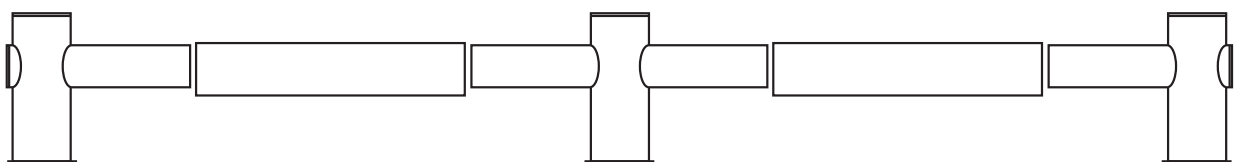
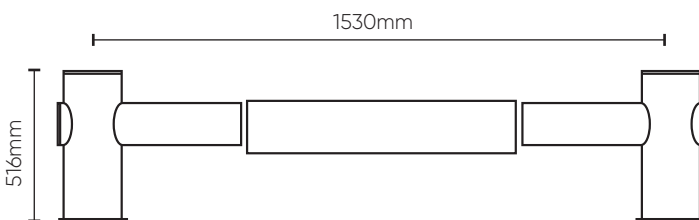
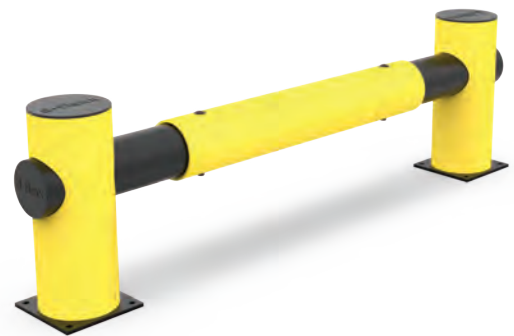


Specifications

Tested to withstand force of (joule)	10,000 J
Vehicle weight equivalent	5,000kg
Vehicle equivalent speed	7.2km/h
Equivalent angle of impact	90°
Operating temperature	-10° to +50°
Chemical resistance	high – ISO/TR 10358
Standard warranty	5 years

Dimensions

Post height	516mm
Post dia	200mm
Post centres	1530mm
Base plate	225x225mm
Traffic pipe dia	160mm





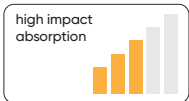
Traffic – Mono Plus

A modular barrier made of flexible, 100% recyclable material that absorbs energy during a collision. During impact, the material bends and then returns to its original shape. UV stabilised, suitable for indoor and outdoor use. Can be configured to suit your worksite layout. The barrier consists of posts and a set of three cross beams with a pipe.

Tested and certified by German TÜV NORD (DIN EN 1512)

Exceeds AS/NZ 1170.1:2002 (Type G)

Use for high traffic areas where people and low mass vehicles share the zone.

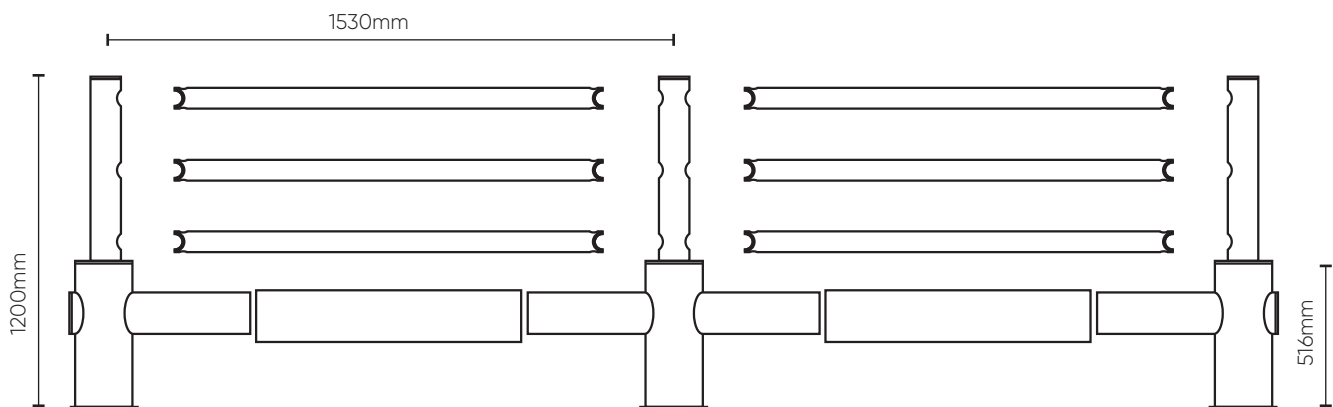


Specifications

Tested to withstand force of (joule)	Bottom 10,000 J, Top 2,500 J
Vehicle weight equivalent	5,000kg
Vehicle equivalent speed	7.2km/h
Equivalent angle of impact	90°
Operating temperature	-10° to +50°
Chemical resistance	high – ISO/TR 10358
Standard warranty	5 years

Dimensions

Post height	1200mm overall (bottom post 516mm)
Post dia	200mm
Post centres	1530mm
Base plate	225x225mm
Traffic pipe dia	160mm
Pedestrian beam dia	63mm





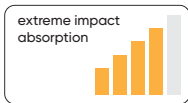
Traffic – Dual

A modular barrier made of flexible, 100% recyclable material that absorbs energy during a collision. During impact, the material bends and then returns to its original shape. UV stabilised, suitable for indoor and outdoor use. Can be configured to suit your worksite layout. The barrier consists of posts and a set of cross pipes.

Tested and certified by German TÜV NORD (DIN EN 1512)

Exceeds AS/NZ 1170.1:2002 (Type G)

Use for high traffic areas where larger mass vehicles are present. Double pipes and higher posts offer maximum protection.

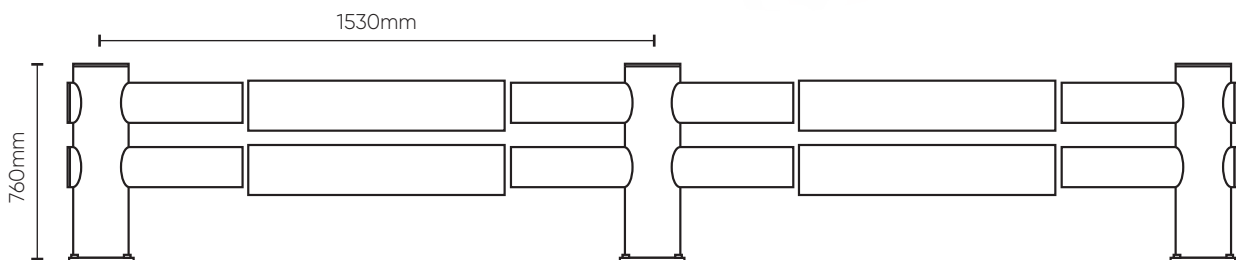


Specifications

Tested to withstand force of (joule)	10,000 J
Vehicle weight equivalent	5,000kg
Vehicle equivalent speed	7.2km/h
Equivalent angle of impact	90°
Operating temperature	-10° to +50°
Chemical resistance	high – ISO/TR 10358
Standard warranty	5 years

Dimensions

Post height	760mm
Post dia	Bottom 200mm, Top 110mm
Post centres	1530mm
Base plate	225x225mm
Traffic pipe dia	160mm





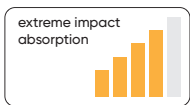
Traffic – Dual Plus

A modular barrier made of flexible, 100% recyclable material that absorbs energy during a collision. During impact, the material bends and then returns to its original shape. UV stabilised, suitable for indoor and outdoor use. Can be configured to suit your worksite layout. The barrier consists of posts and a set of two traffic pipes and three pedestrian beams.

Tested and certified by German TÜV NORD (DIN EN 1512)

Exceeds AS/NZ 1170.1:2002 (Type G)

Use for high traffic areas where people and larger mass vehicles share the zone. Double pipes and higher posts offer maximum protection.



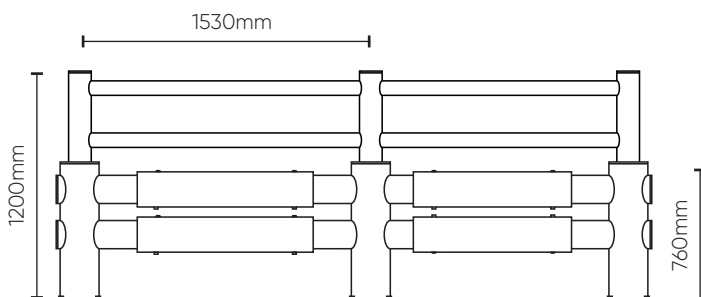
Flexible Impact Protection Barriers

Specifications

Tested to withstand force of (joule)	Bottom 10,000 J, Top 2,500 J
Vehicle weight equivalent	5,000kg
Vehicle equivalent speed	7.2km/h
Equivalent angle of impact	90°
Operating temperature	-10° to +50°
Chemical resistance	high – ISO/TR 10358
Standard warranty	5 years

Dimensions

Post height	1,200mm overall (bottom post 760mm)
Post dia	Bottom 200mm, Top 110mm
Post centres	1530mm
Base plate	225x225mm
Traffic pipe dia	160mm
Pedestrian beam dia	63mm



Testimonials



Professional and positive attitude toward making a plan with us, the client, and then delivering on it. Giving us peace of mind.

K. Tucker - Body Corporate Manager

I have had the best service from Vanguard, communication always followed up on, they recommend a better alternative if they think we may be getting the wrong product. Product and service always delivered in full and on time.

K. Van Eeden - H&S Advisor

Every time I make contact with VANGUARD the service is 100% so good to work with a company like yours, well done and thank you very much.

M. Steffens - Operations Manager

Vanguard is always a pleasure to deal with, very personal team. Respond super quickly to requests for quotes or queries and product is always high quality and fit for purpose. Team advises on timeframe for delivery and when items dispatched so we can keep an eye out. Top work people, impressive.

E. Thomas - H&S Manager

“ Our Promise

If our recommended solution doesn't work then we will fix it at our cost.



When you contact us, we'll respond in person within 60 minutes. **Guaranteed.**

Not everyone can do that. But we can. And we will.



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