

www.Ontariobollards.com

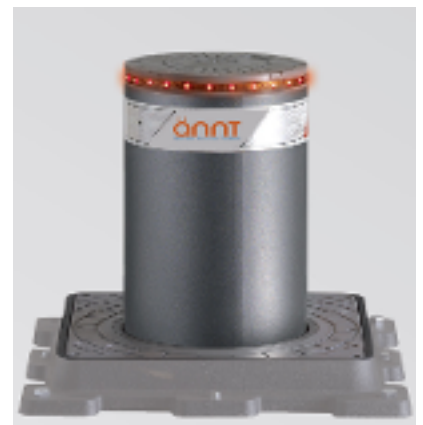
ONTARIO BOLLARDS

TOTAL PROTECTION SPECIALISTS

PRODUCT CATALOGUE

Bollard
Impactable Guardrail
Goal Posts
Stainless Steel Bollards
Anti-Terrorism
Spring Mounted
Linebacker Bollard
Galvanized Pipe
Sign Posts

2019 - 2020



About Us

Owned and operated in Brampton, Ontario with over 30 years of combined experience in the construction industry.

A leader in asset protection

Ontario Bollards is focused on providing turn-key solutions for all your interior and exterior asset protection needs.

A single source solution

With a full range of protection products from the world's top manufacturers and complete installation services, we are your single source solution.

No two solutions are the same

We assess each situation and then provide a comprehensive product and installation plan to ensure you have the right asset protection solution in place.

Over 30 years in the construction industry

We have the experience to professionally and expertly install every protection solution from the simple to the complex.

Founded in 1983 by Daniel Zanchi

In Ontario, Canada, our products and installation can be found across Canada, coast to coast.



“Our commitment is to find out what our customers really need so that we can provide solutions that will fulfill their expectations.”

D. Zanchi, president

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BOLLARDS

Surface Mount / Bolt Down Bollards

Sturdy and functional, protect your workspace inside and out from collision damage with surface mount steel pipe bollards. The no-nonsense solution for directing traffic and protecting your assets, our bollards absorb impact to increase safety and security in your facility. Use surface mount bollards to protect utilities, electronics, machinery, buildings, or pedestrians from accidental collisions. Our bollards work equally well for outdoor applications. Protect your loading dock and define perimeters for transport traffic. Either way, our security bollards will keep your workers and your equipment safe from damage.

- No core drilling or excavation needed
- In stock
- Protects water and gas meters, electrical circuit boxes, dock doors
- Crafted from Schedule 40 steel
- 4" O.D. powder coated Safety Yellow
- 6" O.D. powder coated Safety Yellow
- 8" x 8" base plate 1/2" thick with four 3/4" corner holes
- Welded-on-cap or removable cap
- 1 Year Warranty
- Impact Tested



Model	Size	DESCRIPTION
BDB4-42	4" X 42"	Sch 40, Yellow Powder Coat on 8" x 8" plate
BDB4.5-42	4.5" X 42"	Sch 40, Yellow Powder Coat on 8" x 8" plate
BDB6-42	6" X 42"	Sch 40, Yellow Powder Coat on 10" x 12" plate
ANC	5/8" X 4"	High strength concrete screw anchors (4 required)



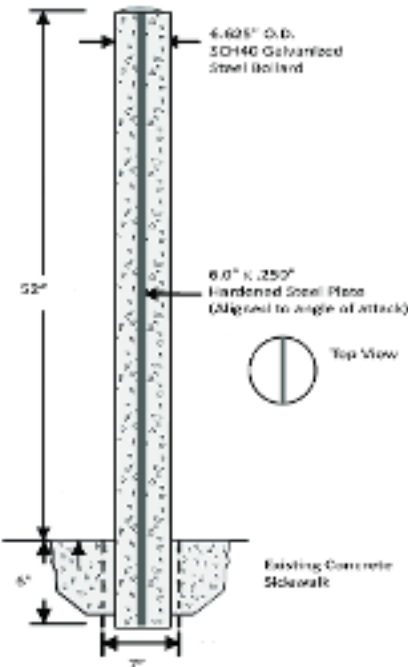
LineBacker RC Shallow Mount Bollards

The LineBacker RC (Reinforced Core) Bollard is a purpose designed, freestanding bollard for use where maximum protection is required but space is at a premium.

The LineBacker RC has a solid hardened steel core at its center with a 6.625" or 4.50" SCH 40 outer casing. This reinforced core provides this mid and small size diameter bollard with the same stopping power of SCH80 bollards of the same diameter.

Installation is by core drilling a minimum 6" into existing reinforced concrete. With no tripping hazards, it is ideal for use around pedestrians.

- Features:
- Super strong 0.250" hardened steel core.
 - Much stronger than conventional bollards.
 - Offers maximum protection to pedestrians.
 - Provides improved protection against drive-through.
 - Hot dip galvanized to prevent rust staining.
 - Core drilled installation, no tripping hazard.
 - Shallow embedment avoids buried services.
 - Covered in HDPE plastic cover (multiple color choices).



Model	Size	DESCRIPTION
LineBacker RC6	6.625" Dia	6" (nominal) Galvanized Reinforced Core Bollard
LineBacker RC4	4.50" Dia	4" (nominal) Galvanized Reinforced Core Bollard

Goal Post Bollards

Ontario Bollard's Goal Post System is designed to protect your overhead doors from expensive repairs. Our Goal Post protects the entire door area, including track and overhead without interfering with door performance. It deflects forklifts completely upon impact, making it the strongest door protection available.

- EASY INSTALLATION - NO WELDING REQUIRED**
- Modular assembly ships in three pieces reducing shipping and installation costs.
- SAVE TIME AND MONEY**
- Stops forklift damage to dock and high-speed doors, eliminates frequent door repair and replacement.



- PRODUCT FEATURES**
- Manufactured from 6" schedule 40 steel pipe side posts and 4" schedule 40 steel pipe top rail.
 - Standard Sizes: 8' x 8', 10' x 10', 12' x 12'
 - Customizable - Any door, any size
 - Core mount or base plate installation available.

Model	Size	DESCRIPTION
GPB88	8' X 8'	Goal Post Bollard H: 8' W: 8'
GPB1010	10' X 10'	Goal Post Bollard H: 10' W: 10'
AGPB1212	12' X 12'	Goal Post Bollard H: 12' W: 12'

Advanced Polymer Protection

Our **REFLEX** range is made of a strong proprietary polymer that equals and in some cases exceeds the strength of steel. The main difference between our polymer based safety barriers and their metal counterparts is the way in which they absorb impact.

The shock of the impact is reduced because it is absorbed then dispersed throughout the barrier.

This reduces damage to vehicles, loads, floors and minimizes the potential of injuries to the driver.

REFLEX also saves you money, unlike their steel counterparts that need constant replacement and maintenance, **REFLEX** products can take an impact without damage and NEVER need to be painted.

REFLEX offers a complete range of safety barriers to protect virtually anything that requires protection.



Model	Size	DESCRIPTION
GRD 150 1100	6" X 43"	Impactable Bollard 150mm x 1100mm

Galvanized Embedded Steel Bollard

Ontario Bollards carry in stock SCH40 bollard pipe in an array of sizes and finishes. All pipe is cut to length in our shop. Stock pipe is available in the following stock sizes:

- SCH40 Galvanized 4" x 84" or 96"
- SCH40 Galvanized 6" x 84" or 96"
- SCH40 Galvanized 8" x 84" or 96"

Other sizes and finishes available upon request.



Model	Size	DESCRIPTION
SCH40 Gal 4"	4.5" X .237" x 84"/96"	Galvanized SCH40 embedded bollard
SCH40 Gal 6"	6.625" x .280" x 84"/96"	Galvanized SCH40 embedded bollard
SCH40 Gal 8"	8.625" x .320" x 84"/96"	Galvanized SCH40 embedded bollard

OB4536FXSS
Fixed Stainless Steel
Bollard

The OB4536FXSS Fixed Stainless Steel Bollard can be embedded in concrete for simple and secure installations. Its clean and versatile design is highly visible and available with alternative mountings (see retractable and removable models) for consistent aesthetics that suit any modern building or landscape. High-quality 316 grade stainless steel with #6 satin finish features high resistance to corrosion and weathering. Posts ship standard with 1 of 4 colored reflector



Model	Size	DESCRIPTION
OB4536FXSS	4.5" X 35.5"	Stainless Steel 316, fixed embedded bollard
OB4536FXPC	4.5" X 35.5"	Powder Coated Stainless Steel, fixed embedded bollard

OB4536RMSS Stainless
Steel Removable
Bollard

The OB4536RMSS Stainless Steel Removable Bollard features internal locking hardware for quick and easy access to restricted areas. Elevated key-access avoids collection of dirt and debris in dusty, particle-filled environments. Its clean and versatile design is highly visible and available with alternative mountings (see retractable and removable models) for consistent aesthetics that suit any modern building or landscape. High-quality 316 grade stainless steel with #6 satin finish features high resistance to corrosion and weathering. Posts ship standard with 1 of 4 colored reflector stripes and include mounting covers to prevent tripping hazards and collection of debris.



Model	Size	DESCRIPTION
OB4536RMSS	4.5" X 35.5"	Stainless Steel 316, Retractable embedded bollard
OB4536RMPC	4.5" X 35.5"	Powder Coated Stainless Steel, Retractable embedded bollard

OB4536RTSS Single Locking Retractable Stainless Steel Bollard

The OB4536RTSS Single Locking Retractable Stainless Steel Bollard retracts fully below ground, closing flush to avoid obstruction and tripping hazards, and can only be locked in extended, upright position. A single key-locking mechanism ensures quick and easy access to restricted areas. The clean and versatile design is highly visible and available with alternative mountings (see retractable and removable models) for consistent aesthetics that suit any modern building or landscape. High-quality 316 grade stainless steel with #6 satin finish features high resistance to corrosion and weathering. Posts ship standard with 1 of 4 colored reflector stripes.



Model	Size	DESCRIPTION
OB4536RTSS	4.5" X 35.5"	Stainless Steel 316, Retractable embedded bollard
OB4536RTPC	4.5" X 35.5"	Powder Coated Stainless Steel, Retractable embedded bollard

FRB100FB Flexible Bollard

The FRB100FB Flexible Bollard is made from a versatile polyurethane plastic, designed to bend repeatedly—up to 90 degrees—without losing its original form. Use flexible bollards in high-traffic areas to minimize damage in case of collision. FRB100FB bollards feature a bolt-down flange for existing concrete installations.

- Thermal stability:**Good +/- 10 SHORE D (medium hard flexibility, similar to tire tread)
- Working temperature:**-40°C to 60°C (-40°F to 140°F)
- Fire resistance:**CLASS E. As per UNE-EN-ISO 11925-2:2002
- Impact resistance:**Tested to 50 impacts, bending 90 degrees by a simulated vehicle impact (1,500-kg (3,307-lb) load travelling 15 km/h (9.32 mph))
- Fatigue resistance:**Tested to 500 impacts, bending 45 degrees at 30-second intervals



Model	Size	DESCRIPTION
FRB100FB	3.9" X 31.5"	Bolt down Flexible Bollard

FRB1275 Flexible Bollard

The FRB1275 Flexible Bollard is made from a versatile polyurethane plastic, designed to bend repeatedly—up to 90 degrees—without losing its original form. Use flexible bollards in high-traffic areas to minimize damage in case of collision. Extended length provides additional height for better driver visibility. Embed FRB1275 bollards in new concrete or use with removable mounting hardware.

- Thermal stability:**Good +/- 10 SHORE D (medium hard flexibility, similar to tire tread)
- Working temperature:**-40°C to 60°C (-40°F to 140°F)
- Fire resistance:**CLASS E. As per UNE-EN-ISO 11925-2:2002
- Impact resistance:**Tested to 50 impacts, bending 90 degrees by a simulated vehicle impact (1,500-kg (3,307-lb) load travelling 15 km/h (9.32 mph))
- Fatigue resistance:**Tested to 500 impacts, bending 45 degrees at 30-second intervals



Model	Size	DESCRIPTION
FRB1275	3.9" X 38.5"	Bolt down Flexible Bollard
FRB-BASE-LD		Light Duty Base (for FRB1275)
FRB-BASE-HD		Heavy Duty Base (for FRB1275)

SpringBollard

EXTREME INDESTRUCTIBLE HEAVY DUTY FLEXIBLE BOLLARD.

- Deters vehicle impact with rigid bollard appearance.
- Rugged cast steel, galvanized coated base with integral 5/16" diameter spring.
- Sustains high-speed impacts with 360 degree range of motion.
- 7" diameter UV-resistant high density polyethylene cover.
- Includes steel zinc coated anchors.
- Limited Lifetime Warranty for the base unit.

Mounting Hardware included for Either:
Concrete, Asphalt or Adhesive (Concrete Only)

Bollard Cover Colors

- Yellow
- Red
- White
- Blue
- Black
- Grey



Model	Size	DESCRIPTION
SP-B-Con	7" x 52"	SpringBollard for Concrete
SP-B-Asp	7" x 52"	SpringBollard for Asphalt

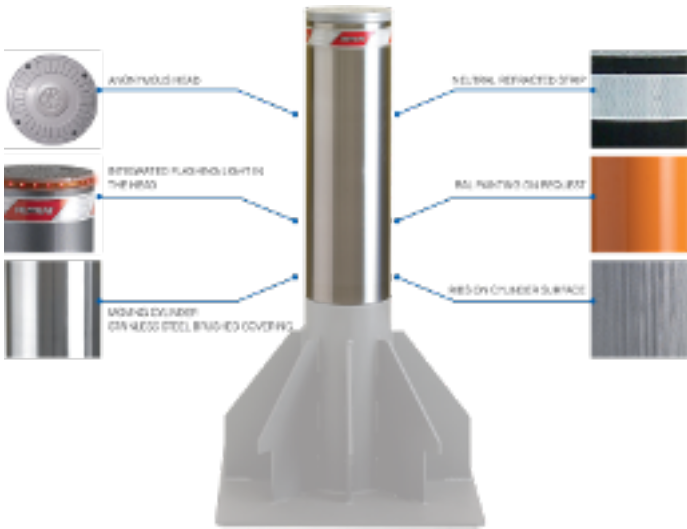
Anti-Terrorist Systems

Anti-Terrorist bollards are classified as “K” rated bollards.

To be classified as “K” rated, either certified or engineered, the bollard must withstand impact from a 15,000 lbs vehicle traveling at one the K rating speeds (30 mph, 40 mph, or 50 mph) and the bed of the truck must not penetrate the barrier by more than 36 inches.

- K4 rating is for a vehicle traveling 30mph
- K12 rating is for a vehicle traveling 50mph

Anti-terrorism bollards are available in 3 configuration, Fixed, Removable and Automatic.



With so many options and configurations for K rated bollards it would be impossible to list in this general product catalogue.
Please call or email us to receive our extensive K rated bollard catalogue.

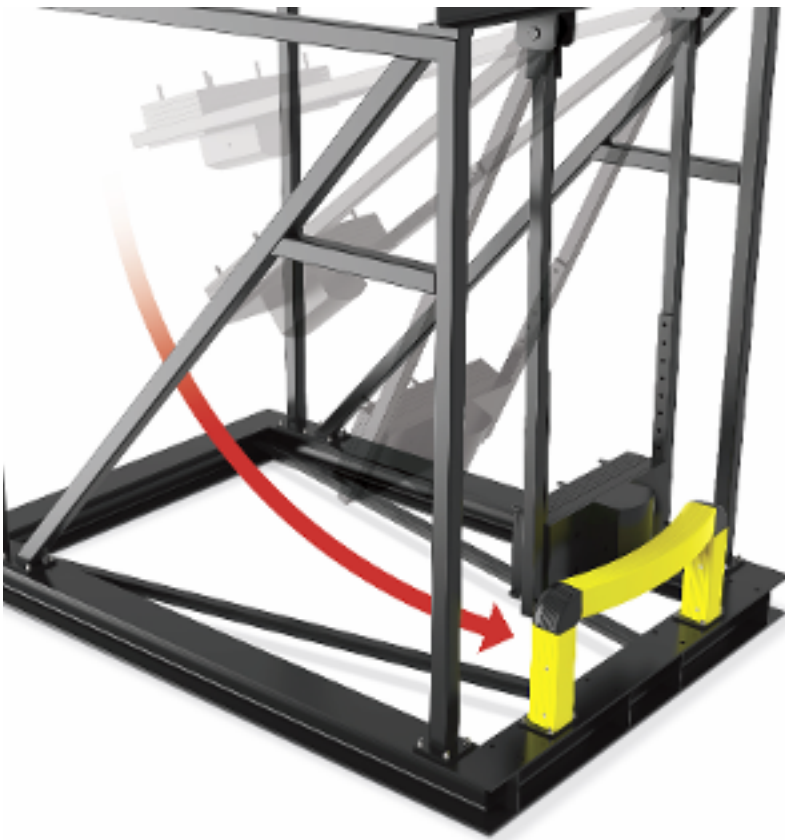
Model	Size	DESCRIPTION
K Rated Fixed		Call us for information and consultation
K Rated Removable		Call us for information and consultation
K Rated Automatic		Call us for information and consultation



GUARDRAIL



QUALITY ASSURED



At Ontario Bollards, we think offering the highest quality product is of the utmost importance. Therefore, each product undergoes vigorous testing in real life situations and by our custom designed **pendulum machine**.

WHY CHOOSE PVC?


The MPM Protection range is a superior product when compared to other materials, such as metal and expensive polyethylene (PE). The anti-shock reflex characteristics of MPM Protection ensures all assets are protected, without damaging the barrier and it's working environment.

- 

Long-Lasting
Long life material that requires less maintenance.
- 

Less Replacements
PVC flexes upon impact and won't damage equipment and flooring.
- 

Cost-Effective
Up to 97% cost saving on repairs and replacements compared to metal.
- 

Indoor & Outdoor
Doesn't lose shape or deteriorate, even in external weather conditions.
- 

Fire Safe
Fire class V0; a self-extinguishing and non-flame spread material.
- 

Strong Resistance
Antibacterial and saline, gasoline, oil, alcohol and acid resistant.
- 

Environmentally Friendly
PVC meets RoSH regulations and is 100% recyclable.
- 

Tested & Certified
Externally tested and certified to meet industry standards..

LM 150

The LM 150 is ideally suited for application that do not require full railing height.

Protect walls, pallet racking and equipment from accidental impact from forklifts and pallet trucks.

- Material flexes on impact to prevent damage to equipment, flooring and the barrier itself
- Suitable for indoor and outdoor use
- Strong resistance to most substances
- Meets environmental standards and is 100% recyclable
- Self-extinguishing and non-flame spread
- Tested and certified to meet industry standards



Model	Size	DESCRIPTION
GR 150 HV LM	D 150 / H 500	Impactable Guard Rail Post 500mm Height
GR 90 HO	D 90 / L 600-2000	Impactable Guard Rail Horizontal Rails 90mm x 600mm - 2000mm (cut to size)
PEC 150		Impactable Guard Rail Post Side End Caps

PED 150

The PED 150 provides full pedestrian protection against impact from forklifts and pallet trucks.

- Material flexes on impact to prevent damage to equipment, flooring and the barrier itself
- Suitable for indoor and outdoor use
- Strong resistance to most substances
- Meets environmental standards and is 100% recyclable
- Self-extinguishing and non-flame spread
- Tested and certified to meet industry standards

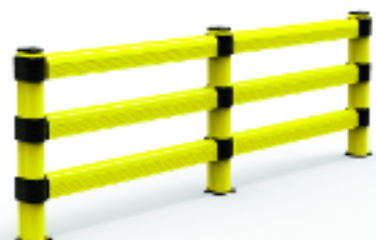
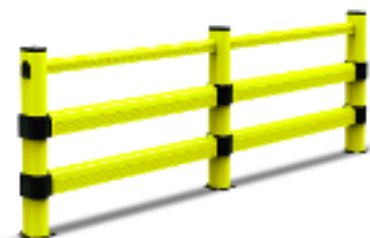
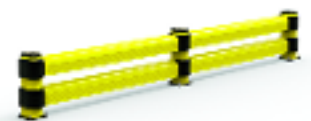


Model	Size	DESCRIPTION
GR 150 HV PED	D 150 / H 1150	Impactable Guard Rail Post 1150mm Height
GR 150 HV CORNER	D 150 / H 1150	Impactable Guard Rail Corner Post 1150mm Height
GR 90 HO	D 90 / L 600-2000	Impactable Guard Rail Horizontal Rails 90mm x 600mm - 2000mm (cut to size)
PEC 150		Impactable Guard Rail Post Side End Caps

LINK

The LINK is the first adaptable barrier in the world thanks to the new connection system. Adjustable rail height, easy to set up and higher resistance in the most critical points.

- Material flexes on impact to prevent damage to equipment, flooring and the barrier itself
- Suitable for indoor and outdoor use
- Strong resistance to most substances
- Meets environmental standards and is 100% recyclable
- Self-extinguishing and non-flamable
- Tested and certified to meet industry standards



MODEL	DESCRIPTION
LINK Single	Single Rail Protection
LINK LM	Double Rail Protection
LINK 1	1 Reinforced Rail
LINK 2	2 Reinforced Rails
LINK 3	3 Reinforced Rails

TOWER 150

The TOWER150 provides the ultimate in column protection against impact from forklifts and pallet trucks.

TOWER 150 can be configured to protect any size and shape of column.

- Material flexes on impact to prevent damage to equipment, flooring and the barrier itself
- Suitable for indoor and outdoor use
- Strong resistance to most substances
- Meets environmental standards and is 100% recyclable
- Self-extinguishing and non-flame spread
- Tested and certified to meet industry standards



Model	Size	DESCRIPTION
GR 150 HV CORNER	D 150 / H 1150	Impactable Guard Rail Corner Post 1150mm Height
GR 90 HO	D 90 / L 600-2000	Impactable Guard Rail Horizontal Rails 90mm x 600mm - 2000mm (cut to size)

SWING GATE 150

The Swing Gate 150 provides full pedestrian protection creating a entry barrier when used in conjunction with the PED150 Guardrail system.

Available in 3 widths, 600mm, 800mm and 1000mm.

- Material flexes on impact to prevent damage to equipment, flooring and the barrier itself
- Suitable for indoor and outdoor use
- Strong resistance to most substances
- Meets environmental standards and is 100% recyclable
- Self-extinguishing and non-flame spread
- Tested and certified to meet industry standards



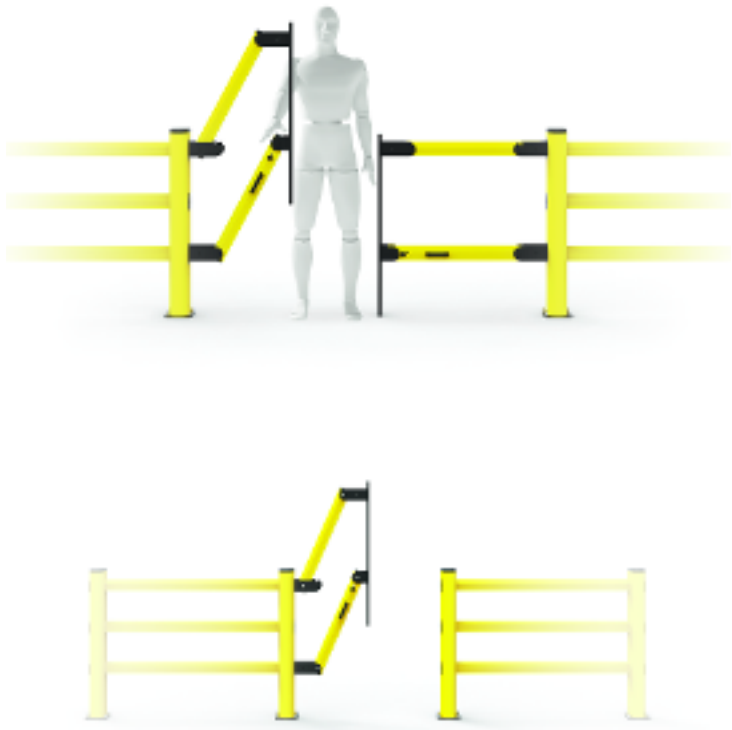
Model	Size	DESCRIPTION
DP 150 600	H 770 / L 600	Swing Gate 150 for 600mm opening
DP 150 800	H 770 / L 800	Swing Gate 150 for 800mm opening
DP 150 1000	H 770 / L 1000	Swing Gate 150 for 1000mm opening

LIFT GATE 150

The Lift Gate 150 provides full pedestrian protection creating a entry barrier when used in conjunction with the PED150 Guardrail system. F

Available in single or double configuration to span openings from 1100mm - 4000mm.

- Material flexes on impact to prevent damage to equipment, flooring and the barrier itself
- Suitable for indoor and outdoor use
- Strong resistance to most substances
- Meets environmental standards and is 100% recyclable



Model	Size	DESCRIPTION
LG 150 S	Single Lift Gate	For Openings 1100mm - 2000mm
LG 150 D	Souble Lift Gate	For Openings 2200mm - 4000mm



STEEL GUARDRAIL

KeyLock Guardrail

Steel pipe is an inherently efficient structural component. It is strong, has no sharp corners, and is readily available worldwide. The difficulty in using steel pipe to form structures arises when joining. Threaded pipe must be supplied in set lengths making for zero flexibility in installation. Welding is labor intensive, requires a highly skilled workforce, and specialized equipment.

The answer is KeyLock components. The underlying principle is simple but highly effective: use slip-on components to create versatile and rigid tubular structures. The KeyLock principle has been developed and refined for more than 75 years resulting in an extensive range of components suited for any need.

- High corrosion resistance
- No welding or threading
- Galvanized for long lasting protection
- Recessed screws for a smooth look
- Quick installation
- Large set screws resists thread stripping
- Schedule 40 1 1/4" Pipe
- The KeyLock Fitting
- Optional Powder Coated Finish



KeyLock railing system shown with safety yellow powdercoated finish.

Below are the most common fittings. With over 100 different fittings available we can configure your guardrail to whatever size and shape you require..

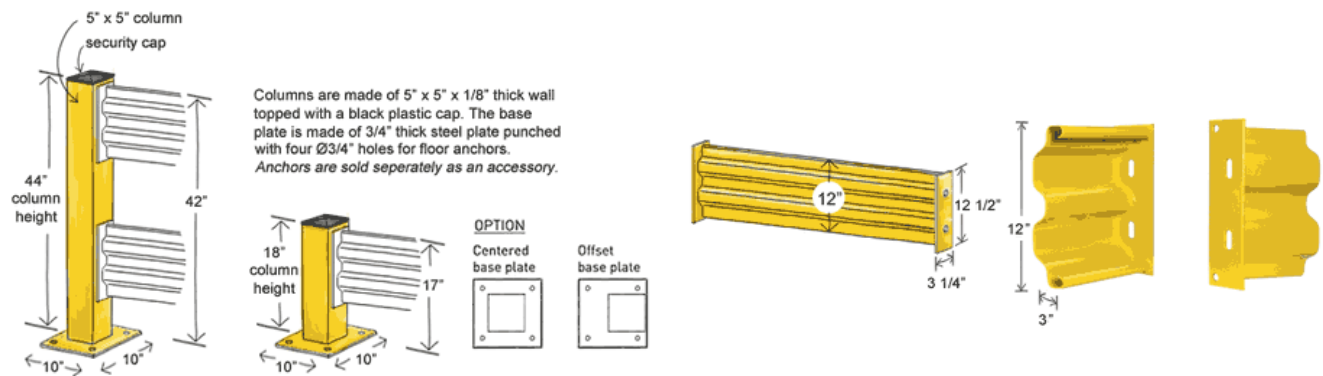
Model	Size	DESCRIPTION
A02-7	1 1/4"	Tee
A04-7	1 1/4"	Tee (long)
A12-7	1 1/4"	Base
A22-7	1 1/4"	Three Way Cross
GRP42	1 1/4" x 42"	Galvanized Upright Post
GRP48	1 1/4" x 48"	Galvanized Cross Rail

STEEL GUARDRAIL

Install a heavy-duty guardrail barrier system and create a protective wall of steel between your workers and your equipment. It's the trouble-free solution to your peace of mind. Built from the best quality materials, our guardrail barriers are strong, adaptable and – when properly installed – engineered to withstand a 10,000lb impact at 4 mph. That means the people and equipment on your shop floor will remain protected from traffic accidents and other hazards. Use heavy-duty guardrail to safeguard conveyor systems, manufacturing equipment, electrical panels, computer stations, staircases and walkways, in-plant offices, first aid and restroom areas, or anywhere else crash protection is required.



Heavy-duty guardrail barriers are available in a variety of lengths with single and double-rail options. Custom lengths are also available. Choose either standard rails or easy-to-remove lift-out rails that slip into specially designed “saddles” attached to each column. All heavy-duty guardrails are sealed in a safety yellow powder-coated paint finish for maximum visibility.



Model	Size	Baseplate
GPDC	42"	Centered
GPDO	42"	Offset
GPSC	18"	Centered
GPSO	18"	Offset

Model	Length
GR2	2'
GR3	3'
GR4	4'
GR5	5'
GR6	6'

Model	Length
GR7	7'
GR8	8'
GR9	9'
GR10	10'
GL1	Lift out



Parking Solutions

SpringPost

Sign Posts and Bollards That Spring Back Upright After Impact

SpringPosts are designed to yield on impact, avoiding expensive damage, while also lowering injury potential from minor accidents.

Are you using obsolete technology?
SpringPosts are the way of the future.

- Install our patented Universal Base at every point you need a sign post in your parking lot.
- Select what size and type of post you need: 6' or 8', Galvanized or Black Powder Coated. Or need a Bollard unit? No problem! Simply cover your post with our bollard cover unit to create the popular SpringBollard system.



SpringPost



SpringBollard



SpringPost Bollard

Model	Size	DESCRIPTION
SP-8	8'	Standard 8' Spring Post
SP-B	52"	SpringBollard
SP-B-06	6'	SpringBollard with 6' signpost



Embedded Sign Post Bollards

Embedded Sign Post Bollards are your permanent solution to parking spot delineation.

Whatever your parking needs, embedded sign post bollards can be designed to accept any size sign.

- Accessibility parking
- Courtesy parking
- Parcel pickup

Ontario Bollards offers compete sign post bollard kits for the DIY . We also offer a complete turnkey supply and installation solution with our own in house certified installers.



Model	Size	DESCRIPTION
SCH40 6"	6.625"	Galvanized Bollard Pipe 6.625" O.D. cut to length
4831	10'	1.75" Slotted Square Sign Post
RB-93		Ontario Accessibility Parking sign
Custom Sign		Custom printed signs available

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