



PRODUCT



CATALOG



IDEAL SHIELD, L.L.C.
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TABLE OF CONTENTS

BOLLARD COVERS

4

- 1/4" Bollard Covers.....6
- 1/8" Bollard Covers.....8
- Reflective Bollard Covers.....10
- Flat Top Bollard Covers.....12
- Decorative Bollard Covers.....14
 - Metro Decorative Bollard Cover
 - Skyline Decorative Bollard Cover
 - Cinco Decorative Bollard Cover
 - Paramount Decorative Bollard Cover
 - Architectural Decorative Bollard Cover
 - Ribbed Decorative Bollard Cover
 - Pawn Decorative Bollard Cover
 - Lighted Decorative Bollard Cover
- Fabric Bollard Covers.....16



BOLLARDS

18

- Steel Pipe Bollards.....20
- Base Plate Bollards.....22
- Removable Locking Bollards.....24
- Collapsible Locking Bollards.....26
- Flexible Bollards.....28
- Bounce Back bollard.....30
- ASTM C40 Traffic Impact Bollards.....32
- ASTM K4 Crash Bollards.....34
- ASTM K12 Crash Bollard.....36



GUARDRAIL SYSTEMS

38

- Industrial Guardrail Systems.....40
 - Standard Guardrail
 - Heavy Duty Guardrail
 - Highway Guardrail
- Barrier Guardrail.....42
- Rack System Guardrail.....44
- Goal Post Guardrail.....46
- Bounce Back Guardrail.....48
- Safety Wall Guardrail.....50
- In-Plant Guardrail.....52



TABLE OF CONTENTS

HANDRAIL SYSTEMS

54

- Aluminum Handrail.....56
- Steel Pipe and Plastic Handrail.....58
- Roofrail Protection Railing.....60
- Warning Line System.....62
- Mobile Parapet Barriers.....64



SIGN SYSTEMS & STANDS

66

- Sign Base Systems.....68
 - Pyramid Sign Base Systems
 - Octagon Sign Base Systems
- Bollard Sign Systems.....70
- Flex Bollard Sign Systems.....72
- Flexpost Stick.....74
- Hand Sanitizer Stands.....76



PARKING LOT PRODUCTS

78

- EV Charging Station.....80
- Clearance Bar Systems.....82
- Column Wraps.....84
- Cart Corrals.....86
- Bike Racks.....88
- Delineator Post.....90
- Curb Guard.....92
- Parking Block.....94



CUSTOM PRODUCTS

96

- Handrail and Guardrail Gates.....98
- Branding.....100





BOLLARD COVERS

- 1/4" Bollard Covers • 1/8" Bollard Covers • Reflective Bollard Covers
- Flat Top Bollard Covers • Decorative Bollard Covers • Metro Decorative Bollard Cover • Skyline Decorative Bollard Cover • Cinco Decorative Bollard Cover • Paramount Decorative Bollard Cover • Architectural Decorative Bollard Cover • Ribbed Decorative Bollard Cover • Pawn Decorative Bollard Cover • Lighted Decorative Bollard Cover • Square Bollard Covers • Fabric Bollard Covers





1/4" BOLLARD COVER

NEVER
PAINT
AGAIN

IN STOCK
&
READY TO SHIP

5 YEAR
NO-FADE
GUARANTEE



- More sizes, more styles, more colors!
- 1/4" wall thickness; strongest cover on the market
- LDPE and HDPE options available
- Fits all bollard sizes: 3" - 12" diameter
- Standard height: 52" - 84"
- Custom cuts at no charge
- Available in Any Color
- 12 standard colors
- Custom colors available; over 600 colors already matched
- Maintenance-Free; never paint again
- Installs in seconds; secure-fit
- Custom decals available
- 5-year warranty on fading
- Square bollard covers available

CUSTOM LOGOS



VINYL



MOLD-IN





1/8" BOLLARD COVER

NEVER
PAINT
AGAIN

IN STOCK
&
READY TO SHIP

5 YEAR
NO-FADE
GUARANTEE



- More sizes, more styles, more colors!
- 1/8" wall thickness; industry standard
- LDPE and HDPE options available
- Fits 4" & 6" diameter pipes
- Standard height: 52" - 69"
- Custom cuts at no charge
- Available in 11 standard colors
- Maintenance-Free; never paint again
- Installs in seconds; secure-fit
- Custom decals available
- 5-year warranty on fading

CUSTOM LOGOS



VINYL





REFLECTIVE BOLLARD COVERS

**MORE
SIZES &
STYLES**

**MULTIPLE
APPLICATIONS
AND INSTALLS**

**MADE
IN THE
U.S.A**



- Available in 1/4" and 1/8" wall thickness
- Available in both Flat Top and Dome Top options
- Fits 4" and 6" pipe diameters
- Standard height: 65" - 69"; custom cuts at no charge
- Bollard Cover Colors: Yellow, Black, Onyx Gray, 285 Blue or Red
- Reflective Tape Colors: Yellow, Red, or Silver
- Newly designed grooves for reflective tape



TAPE COLOR OPTIONS



YELLOW



SILVER



RED





FLAT TOP BOLLARD COVERS

1/8"
WALL
THICKNESS

15 TAPE AND
COLOR
OPTIONS

GROOVED
FOR
TAPE



- 1/8" wall thickness
- Fits 4" or 6" diameter pipes
- Standard height is 69";
Covers 65" pipe
- 1/8" Covers, Available in Yellow,
Black, or Red
- Ask about custom color options
- Reflective Tape Colors: Yellow, Red
or Silver
- Indent grooves for easier
tape application
- Maintenance-Free; never paint again





DECORATIVE BOLLARD COVERS

1/4"
WALL
THICKNESS

AFFORDABLE
ELEGANCE

AVAILABLE
IN
ANY COLOR



- 1/4" wall thickness
- 11 different styles available
- Two lighted bollard options:
 - UV
 - Hardwired
- Multiple sizes available: 4", 6", and 10"
- Steel inserts available for smaller pipe sizes
- Heights range from 48" - 66"
- Custom cuts at no charge
- Available in any color
- Low cost alternative to concrete or stainless-steel bollards
- Lightweight design saves on shipping costs, eases installation
- Custom decals available
- 5-year warranty of fading

ALL OPTIONS

4" & 6" DECORATIVE COVERS

- Five different style options
- Covers fit 4" and 6" pipe diameter (inserts available for smaller pipe)
- Fits pipes between 50"-60" tall; custom cover cutting available for free
- Designed to give storefronts and parking lots a more sophisticated look



METRO



SKYLINE



CINCO



PARAMOUNT ARCHITECTURAL



10" DECORATIVE COVERS

- Four different style options
- Covers fit 10" pipe diameter (inserts available for smaller pipe)
- Fits pipes between 40"-60" tall; custom cover cutting available
- Great alternative to expensive stainless steel bollards



SKYLINE



CINCO



RIBBED



PAWN

LIGHTED BOLLARD COVERS

- Ultra-Violet and Hardwired options available
- Covers fit 6" pipe diameter (inserts available for smaller pipe)
- Fits max pipe heights of 51"; overall height of 58"
- Average Lifespan: UV 175,000 hours – Hardwired 40,000 hours



UV



HARDWIRED



FABRIC BOLLARD COVERS

MACHINE
WASHABLE

MADE
IN
USA

ADD YOUR
OWN CUSTOM
DESIGN

- Stretchable, spandex-like fabric that slides easily over a bollard cover
- Comfortable fits over 6" x 59" bollards or bollard covers

AVAILABLE IN MULTIPLE DESIGNS

- Candy Cane
- Stars & Stripes
- Valentine Hearts
- Ask about custom designs
- UV Protected to prevent fading
- Can withstand hot and cold weather; machine washable







BOLLARDS

- Steel Pipe Bollards • Base Plate Bollards • Removable Locking Bollards • Collapsible Locking Bollards • Flexible Bollards • Bounce Back Bollard • ASTM C40 Traffic Impact Bollards • ASTM K4 Crash Bollards • ASTM K12 Crash Bollards

BUILD YOUR BOLLARD

STRENGTH

- Schedule 40 U.S. steel pipe
- Schedule 80 U.S. steel pipe
- C40 Traffic Impact Bollard
- K4 Crash Bollard
- K12 Crash Bollard



C40 TRAFFIC IMPACT BOLLARD

APPLICATION

- Core-In
- Surface Mounted
- Removable Locking
- Collapsible Locking
- Bollard Sign System



COLLAPSIBLE LOCKING BOLLARD

FINISH

- Bollard Cover (any applicable option)
- Raw Pipe
- Galvanized Pipe
- Primed
- Finished Coat
- Powder Coated



POWDER COATED FINISH

ADD ONS

- Eye Bolt Hooks
- Plastic Chain
- Custom Decals
- Custom Steel Cutting



PLASTIC CHAIN

BASE PLATES



BEVELED



SQUARE



HIDDEN



SUPER DUTY



STEEL PIPE BOLLARD

**MORE
SIZES &
STYLES**

**MULTIPLE
APPLICATIONS
AND INSTALLS**

**MADE
IN THE
U.S.A**



- **FINISH OPTIONS:** Galvanized, raw, prime painted, or powder coated
- Made from U.S. Steel
- Available in any length
- Offered in a collection of finishes and applications
- 3" - 10" Sch 40 & Sch 80 pipe bollards in stock and ready to ship
- **ALL TYPES OF BOLLARDS:** Storefront Bollards, Crash Bollards, Removable, Collapsible, Flexible, and Customized
- **MULTIPLE BASE PLATE OPTIONS:** Super Duty, Beveled, Square, and Rounded
- Cover with any of our 15 Ideal Shield Bollard Cover options





BASE PLATE BOLLARDS

EASY
INSTALL

QUICK
PROTECTION

MADE
IN THE
U.S.A



- Pipe and base plate made of U.S. Steel
- Covered with 1/8" or 1/4" Bollard Cover
- Standard heights include 27", 36", 42", 48" or 52"
- **FOUR DIAMETER OPTIONS AVAILABLE:**
 - 4" Bollard with 1/2" x 8" x 8" base plate
 - 5" Bollard with 5/8" x 10" x 10" base plate
 - 6" Bollard with 5/8" x 10" x 10" base plate
 - 8" Bollard with 3/4" x 12" x 12" base plate
- Pipe finishes include Raw, Galvanized, Primed, Finished Coat, or Powder Coated
- Other base plate options include Rounded, Beveled, Hidden, and Super Duty



BASE PLATES



BEVELED



SQUARE



HIDDEN



SUPER DUTY



REMOVABLE LOCKING BOLLARD

MADE
IN THE
U.S.A.

PROTECTIVE
&
CONVENIENT

INCLUDES
BOLLARD
COVER



- Made of U.S. Steel pipe
- **TWO SIZE OPTIONS AVAILABLE:**
 - 4" schedule 40 steel pipe with a 5" square floor sleeve
 - 6" schedule 40 steel pipe with a 7" round floor sleeve
- Standard height is 60"; 18" in ground, 42" above ground
- **INCLUDES 1/8" BOLLARD COVER**
 - Other styles available as well
 - Pipe is galvanized (unless otherwise specified)
- Includes self-closing hinged plate for worker/pedestrian safety
- Standard Locking Stand available to store bollard when not in use



SELF-CLOSING HINGED PLATE



STANDARD LOCKING STAND

**STORE BOLLARD WHEN NOT IN USE*



COLLAPSIBLE LOCKING BOLLARD

**SIMPLE
TO
USE**

**INCLUDES
BOLLARD
COVER**

**4" OR 6"
OPTION**

- Made of U.S. Steel pipe

TWO SIZE OPTIONS AVAILABLE

- 4" schedule 40 steel pipe
- 6" schedule 40 steel pipe
- Standard height: 42"
- Available with any applicable Bollard Cover
- Custom colors and decals available
- Easy drop & lift system for any worker





INSTALLATION



*PAD LOCK NOT INCLUDED



FLEXIBLE BOLLARDS

MADE
IN THE
U.S.A

360 DEGREES
OF
FLEXIBILITY

EASY
INSTALL

- Flexible Bollards with 360° of movement
- Covered with 1/8" Bollard Cover; other options available

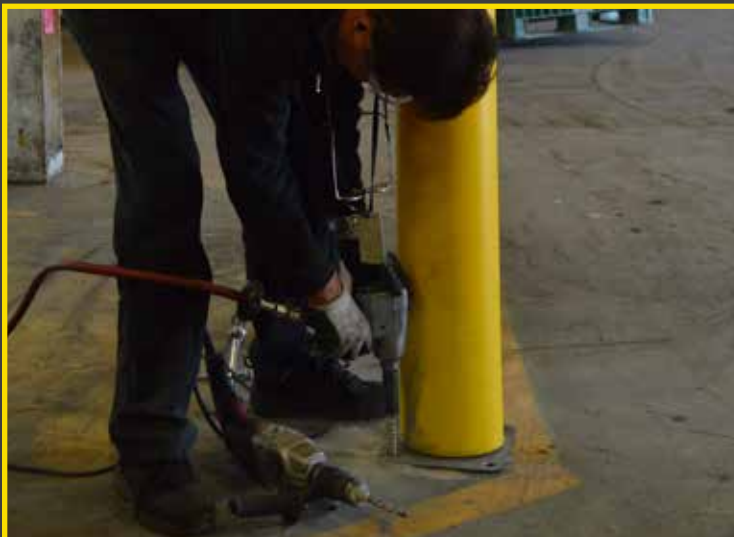
TWO DIFFERENT BOLLARD OPTIONS:

STANDARD

- Flex System: Carbon steel torsion spring with 1/2" zinc-coated bolts
- Base Plate: 9.5" square 7 gauge standard steel base plate
- Standard Heights: 60" or 84" overall
- Immediate rebound
- Withstands 75 mph winds
- Gives drivers warning sign when exceeding parking space or traffic lane

HEAVY DUTY

- Flex System: Carbon steel torsion spring with 1/2" zinc-coated bolts
- Base Plate: 9.5" square 7 gauge standard steel base plate
- Standard Height: 52" tall overall
- For high-traffic and heavy-machine work areas
- Flexes only when contacted by vehicle





INSTALLATION



STANDARD



HEAVY DUTY



BOUNCE BACK BOLLARDS

MADE
IN THE
U.S.A

DESIGNED
TO ABSORB
CONTACT

SIMPLE
INSTALL

- Give forklift drivers a chance to react upon impact.
- Designed to deflect up to 18 degrees before returning to upright form.
- Perfect for high traffic areas, machine guarding, and other in-plant safety uses.
- Features a specially designed rubber flex system.
- Quick and easy installation. Can be installed in a matter of minutes.
- 360° of flexibility; can be hit from any angle.
- 1/8" Bollard cover included.



18°



RUBBER FLEX SYSTEM



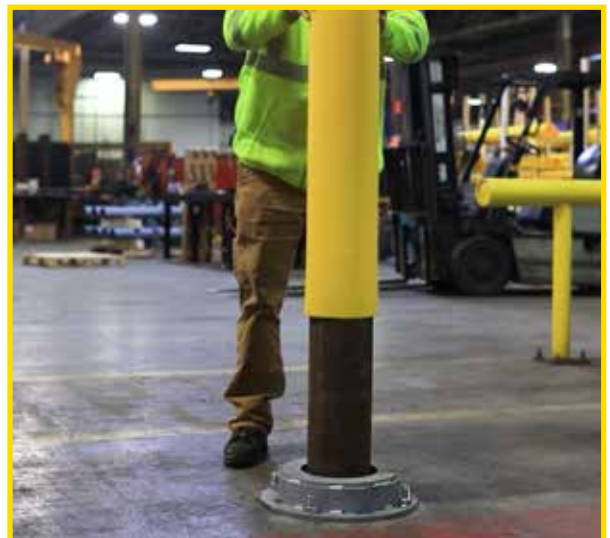


INSTALLATION

SURFACE MOUNTED



BOLLARD COVER INCLUDED





ASTM C40 TRAFFIC IMPACT BOLLARDS



MEETS ASTM
C40 P1
STANDARD

ENGINEERED &
INDEPENDENTLY
TESTED

STOP 5,000
LBS. VEHICLE
@ 30MPH

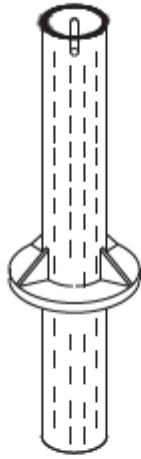


- 6 5/8" outside diameter U.S. steel pipe
- Engineered and designed to stop a 5,000 lbs. vehicle at 30 mph impact with less than 24" of vehicle penetration, which makes it equal to or greater than the S10, S20 and S30 standards
- Meets the ASTM C40 P1 Standard and designed to meet the ASTM F2656 storefront requirements
- Simple installation; no rebar in foundation
- Any bollard spacing is certified; bi-directional stopping capability
- Includes any applicable Bollard Cover



CUSTOM BRANDING

WHAT'S INCLUDED



(QTY 1) EACH:
BOLLARD TUBE



(QTY 2) EACH:
PRE-CUT VERTICAL REBAR
(INSIDE BOLLARD)



(QTY 1) EACH:
BOLLARD COVER
STYLE PER CUSTOMER

INSTALLATION





ASTM K4 CRASH BOLLARDS

MEETS ASTM
F2656-07
M30 P1 RATING

ENGINEERED
&
TESTED

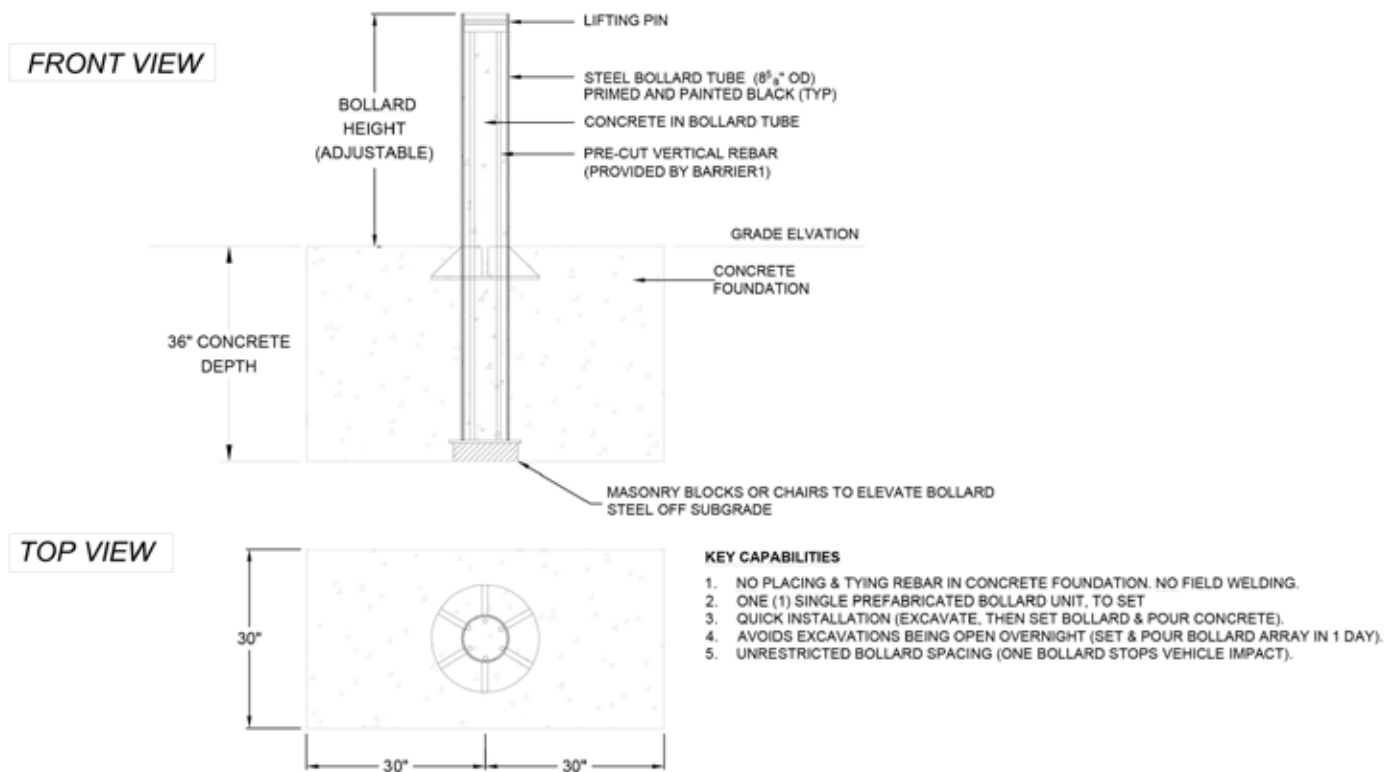
STOP 15,000
LBS. VEHICLE
@ 30MPH



- Approved by the United States Department of Defense
- 8 5/8" outside diameter U.S. steel pipe
- Engineered and designed to stop a 15,000 lbs. vehicle at 30 mph impact with less than one-meter penetration
- Tested & certified to meet ASTM F2656-07 M30 P1 rating
- Simple set & pour installation; no rebar in foundation
- Any bollard spacing is certified; bi-directional stopping capability
- Includes any applicable Bollard Cover



SINGLE STAND ALONE BOLLARD



INSTALLATION





ASTM K12 CRASH BOLLARDS

MEETS ASTM
F2656-07
M30 P1 RATING

ENGINEERED
&
TESTED

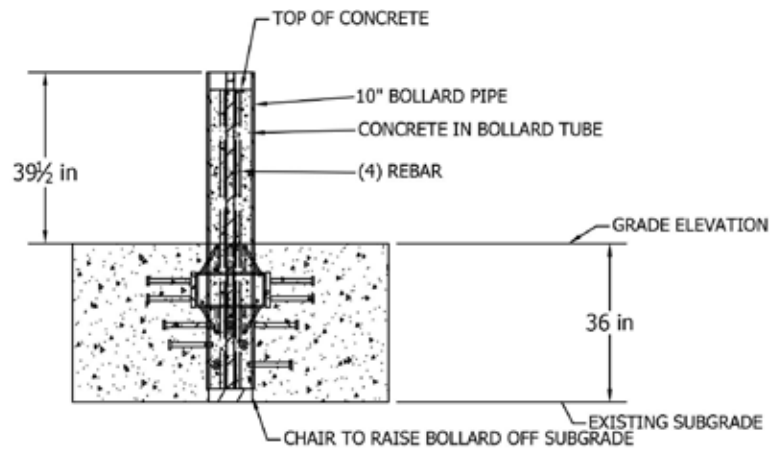
STOP 15,000
LBS. VEHICLE
@ 30MPH



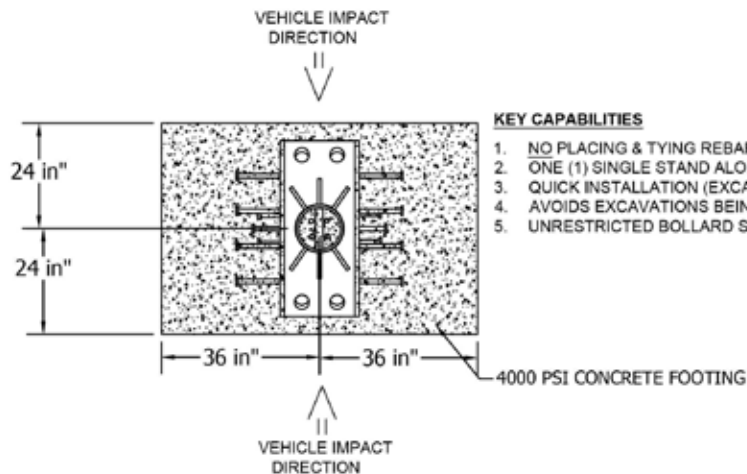
- Approved by the United States Department of Defense
- 10" outside diameter U.S. steel pipe
- Engineered and designed to stop a 15,000 lbs. vehicle at 50 mph with 1.2 meter of penetration
- Tested & certified to meet ASTM F2656-07 M50 rating
- Simple set & pour installation; no rebar in foundation
- Any bollard spacing is certified; bi-directional stopping capability
- Includes any applicable Bollard Cover

SINGLE STAND ALONE BOLLARD

FRONT VIEW



TOP VIEW



KEY CAPABILITIES

1. NO PLACING & TYING REBAR IN CONCRETE FOUNDATION.
2. ONE (1) SINGLE STAND ALONE PREFABRICATED BOLLARD UNIT STOPS THE VEHICLE IMPACT.
3. QUICK INSTALLATION (EXCAVATE, THEN SET BOLLARD & POUR CONCRETE).
4. AVOIDS EXCAVATIONS BEING OPEN OVERNIGHT (SET & POUR BOLLARD ARRAY IN 1 DAY).
5. UNRESTRICTED BOLLARD SPACING (ONE BOLLARD STOPS VEHICLE IMPACT).

INSTALLATION





GUARDRAIL SYSTEMS

- Industrial Guardrail Systems • Standard Guardrail • Heavy Duty Guardrail
- Highway Guardrail • Rack System Guardrail • Goal Post Guardrail • Bounce Back Guardrail • Safety Wall Guardrail • In Plant Guardrail





INDUSTRIAL GUARDRAIL SYSTEMS

**STRONGEST
ON THE
MARKET**

**CUSTOM
SIZES &
CONFIGURATIONS**

**MADE IN THE
U.S.A WITH
U.S. STEEL**

HEAVY DUTY GUARDRAIL

- Optimum protection for workers, expensive equipment, & structures
- Engineer Tested to withstand multiple collisions from 12,000lbs. forklift at 8mph when cored
- Minimal deflection which will maximize your floor space and limit damage
- No assembly required for quick, cost-effective installation

STANDARD GUARDRAIL

- Engineer Tested to withstand multiple collisions from 12,000lbs forklift at 4mph when cored
- Fully assembled upon arrival which reduces installation time and costs
- More cost-effective guardrail solution
- Standard sizes and heights in stock for when you need immediate protection



2 COLOR OPTIONS

**OSHA
YELLOW**

**GUNMETAL
GRAY**

INSTALLATION OPTIONS

SIMPLE
CORE & DROP

PERMANENT
OR REMOVABLE
OPTIONS

TRADITIONAL
BOLT IN WITH
BASE PLATE



HIGHWAY GUARDRAIL

- Low-impact, outdoor protection for parking lots, vehicle entrances, ramps, and buildings
- To protect against the elements all steel W-beams, posts, terminal ends, and hardware are hot dipped galvanized
- Standard sizes and components are in stock and ready to ship for your convenience





BARRIER GUARDRAIL

CONTINUOUS
GUARDRAIL
SYSTEM

PURCHASE FULL
SYSTEM OR BY
COMPONENTS

EASY
TO
INSTALL

BARRIER GUARDRAIL

- Single or double rail design
- Tested in a real-life application and withstands multiple forklift collisions
- Minimal impact-deflection which maximizes floor space
- Directs pedestrian/forklift traffic flow
- Maintenance-Free
- Protects your people and your facility
 - Worker areas
 - Racking Systems
 - Aisleways
 - Mezzanines
 - Building walls
 - Conveyors
 - Loading docks
 - Freezer/Cooler panels
 - CNC machinery
 - And anything else in need of protection
- Special fabrication options include:
 - Custom rail lengths
 - Additional rails design
 - Custom post heights & base plates
 - Cored-In installation available



HEAVY DUTY & STANDARD OPTIONS AVAILABLE



MULTIPLE STYLES AVAILABLE



TWO-LINE



CUSTOM



CONTINUOUS SECTIONS AVAILABLE



RACK SYSTEM GUARDRAIL



**STRONGEST
ON THE
MARKET**

**"CORE & DROP"
OR
BASE PLATE**

**US STEEL
SLEEVED IN
HDPE PLASTIC**



- Protect storage and pallet racks from forklift accidents
- 4" schedule 40 pipe rails and 6" schedule 40 pipe posts
- Pipe sleeved in 1/4" HDPE plastic to limit maintenance needs
- Base Plate or Core & Drop installation
- Standard Height: 42"
- Standard Length: 48", 72", 96"



CORE AND DROP

MULTIPLE STYLES AVAILABLE



ONE-LINE



TWO-LINE



CUSTOM



CONTINUOUS SECTIONS AVAILABLE



GOAL POST GUARDRAIL

**QUICK
AND EASY
INSTALL**

**PROTECT
OVERHEAD
DOORS AND TRACKS**

**WITHSTANDS
EXTREME
TEMPERATURES**

- Eliminate costly door repairs with elite vertical protection for overhead doors, high-speed doors, cold storage doors, and dock doors
- 6" schedule 40 steel pipe posts and 4" schedule 40 steel pipe rail
- Pipe sleeved in HDPE plastic to limit maintenance needs
- Available with Base Plate or Core-In installation
- Standard Heights: 8' 10', 12', 14', 16'
- Standard Widths: 8' 10', 12', 14', 16'

CUSTOM BASE PLATE





MOTION SENSOR



Ideal Shield's Motion Sensor Goal Post Guardrail is an elite vertical guardrail system featuring a BEA motion sensor on the horizontal crossbar to detect forklifts near overhead doors or loading dock doors.

The Goal Post Guardrail system is made of 6" steel posts and 4" schedule 40 steel pipe crossbar, sleeved in HDPE plastic. Other finishes include Galvanized, Bare, or Primed Pipe Finish.

SPOOLS



Ideal Shield's Embedded Spools are designed to help improve and ease the installation process of our Goal Post and Industrial Guardrail in refrigeration areas and cold storage facilities.

The custom-designed spools feature two U.S. Steel plates with eight pieces of #4 rebar welded between them. The top plate is 3/4" thick and 18" wide with the bottom plate at 1/2" thick and 12" wide, with the overall height at 6.25" tall but with the ability to be altered for custom jobs.



BOUNCE BACK GUARDRAIL

MADE
IN USA

DESIGNED
TO ABSORB
CONTACT

SIMPLE
INSTALL

- Cost effective solution for flexible in-plant guardrail systems
- Designed to absorb impacts and limit damage to forklifts, operators, and flooring
- Made of 6" schedule 40 and 80 steel pipe with specially designed rubber flex system base plate
- Designed to flex up to 18 degrees upon impact
- Sleeved in HDPE plastic to eliminate painting needs
- Fast and simple installation process; immediately ready for impact





INSTALLATION

SURFACE MOUNTED



18 DEGREES OF FLEX





SAFETY WALL GUARDRAIL

PROTECT
STORAGE
FROM FALLS

ALTERNATIVE
TO BUILDING
FOUNDATION WALLS

US STEEL
SLEEVED IN
HDPE PLASTIC



- Floor to ceiling protection for vertical storage units
- Perfect airflow alternative to building foundation walls
- 4" schedule 40 pipe rails and 6" schedule 40 pipe posts
- Pipe sleeved in HDPE plastic to limit maintenance needs
- Available in Base Plate or Core-In installation
- Customizable dimensions to fit exact project needs
- Infill panels and cold storage spools available upon request

AVAILABLE IN OSHA YELLOW



ADD ONS



Angle Floor Stop Shield



Protective Cage Infill Panels



Custom Cut Infill Panels

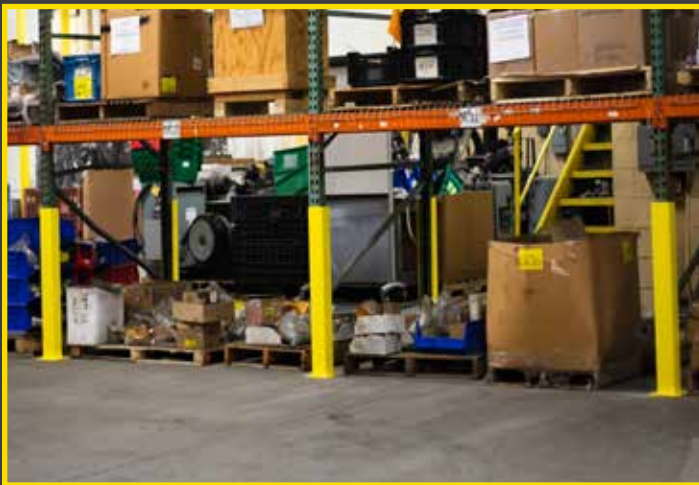


IN-PLANT GUARDING

**MULTIPLE
STYLES**

**VERTICAL &
HORIZONTAL
PROTECTION**

**MADE OF
U.S.
STEEL**



- Made of 1/4" U.S. Steel
- Designed to be installed around
 - Pallet racks
 - Storage frames
 - Dock doors

GUARDING OPTIONS:

- **ANGLE FLOOR STOP SHIELD**
 - Surface mounted kick plates
- **PALLET RACK FLOOR SHIELD**
 - Surface mounted end of rack protectors
- **VERTICAL LIFT STANCHION**
 - Protection for vertical lift gear box components
- **VERTICAL RACK SHIELDS**
 - Square, Half-Moon, Low Profile, Pointed, Door Track
- **DOWN SPOUT GUARD**
 - Steel protection for downspouts



AVAILABLE IN OSHA YELLOW

STYLES AVAILABLE



**ANGLE FLOOR
STOP SHIELD**



**PALLET RACK
FLOOR SHIELD**



**SQUARE RACK
SHIELD**



**HALF MOON
RACK SHIELD**



**VERTICAL LIFT
STANCHION**



**LOW PROFILE
RACK SHIELD**



**POINTED RACK
SHIELD**



**DOWN SPOUT
GUARD**



**DOOR TRACK
SHIELD**



HANDRAIL SYSTEMS

- Aluminum Handrail • Steel Pipe and Plastic Handrail • Steel Handrail
- Roofrail Protection Railing • Warning Line System • Mobile Parapet Barriers



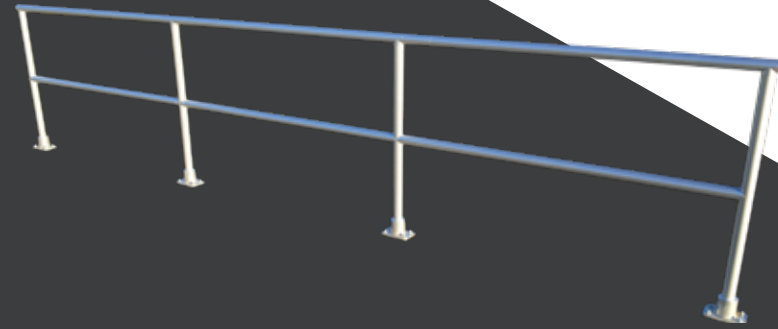


ALUMINUM HANDRAIL

MULTIPLE
INFILL
OPTIONS

LIGHTWEIGHT
TO REDUCE
SHIPPING COST

DESIGNED
TO MEET ADA
REQUIREMENTS



ADA HANDRAIL



CUSTOM INFILL PANELS

- Versatile and elegant handrail solution for commercial, residential and industrial needs
- 1 1/2" schedule 40 and schedule 80 aluminum pipe
- Corrosion resistant internal or external fittings
- Finishes: standard clear anodized aluminum or powder coated in choice of color
- Available in multiple styles including 1-Line, 2-Line, and 3-Line systems
- Standard Height: 42"
- Available in sections or continuous runs
- installation options available:
 - Base Plate
 - Core-In
 - Side-Mount
 - Wall-Mount
- Can be designed per ADA requirements

DESIGNS & STYLES



Wall Rail



Two-Line



Three-Line



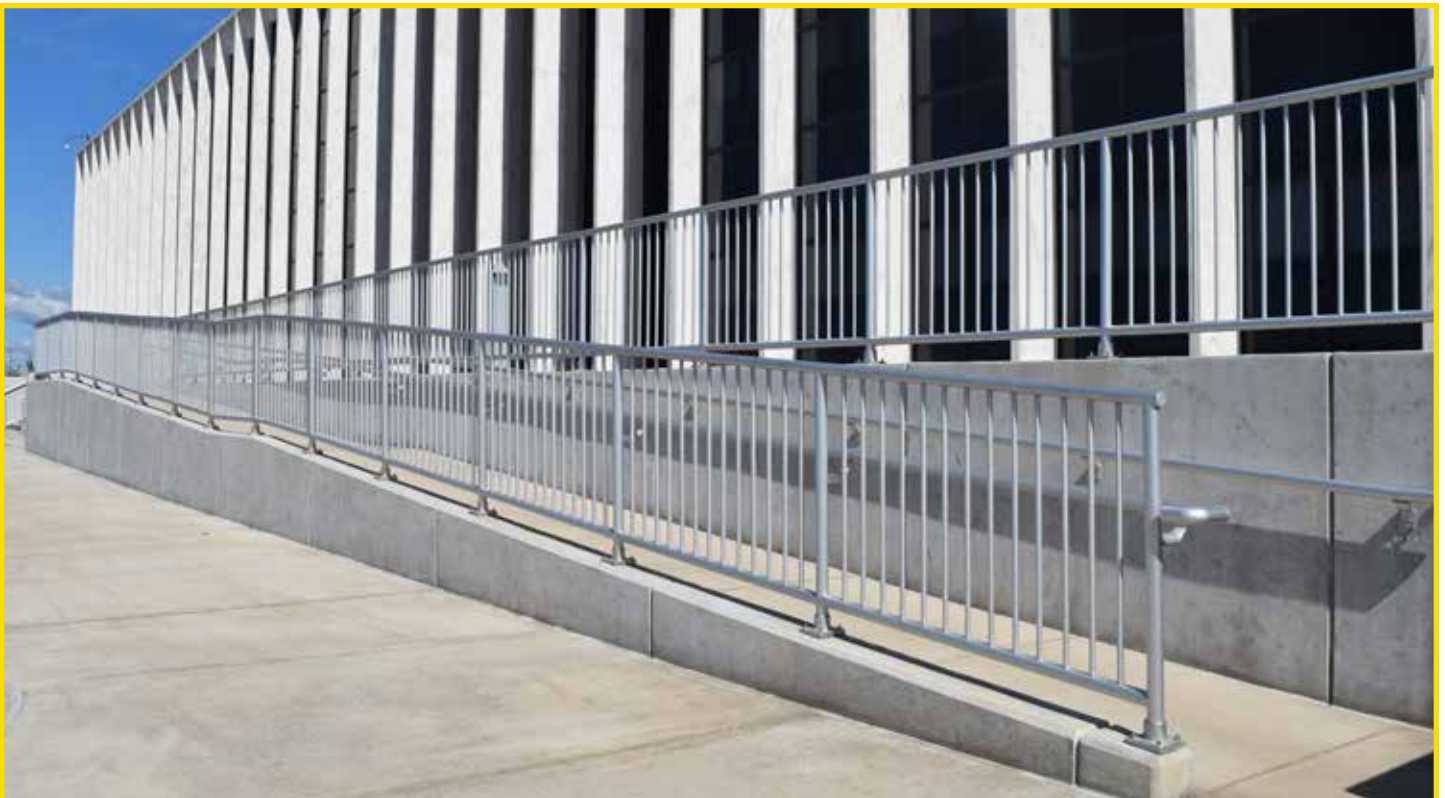
Picket



Infill



**Self-Closing Aluminum
Swing Gates**





STEEL PIPE AND PLASTIC HANDRAIL

US STEEL
SLEEVED IN
HDPE PLASTIC

INDUSTRIAL
SAFETY HANDRAIL

SIMPLE SHIPPING
& INSTALLATION



- Long lasting safety handrail solution for industrial and construction settings
- 1 1/4" schedule 40 steel pipe rails and 1 1/4" schedule 80 steel pipe posts
- Steel pipe sleeved in HDPE plastic to limit maintenance needs
- Modular system with external aluminum magnesium Speed Rail Fittings
- Available in 1-Line, 2-Line, and 3-Line systems
- Standard Height: 42"
- Simple installation; arrives on-site in fully assembled sections
- installation options available:
 - Base Plate
 - Core-In
 - Side-Mount
 - Wall-Mount
 - Non-Penetrating Base Plate
- Custom swing and locking gates available

CUSTOM HANDRAILS AND GATES



**Self-Closing Aluminum
Swing Gates**



Custom Rail Design available



**Locking Steel Pipe
& Plastic Gates**





ROOF FALL PROTECTION RAILING

MEETS
OSHA
STANDARDS

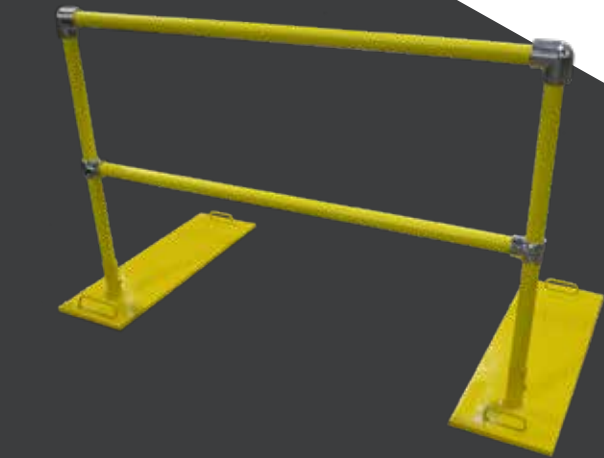
AVAILABLE IN ANY
OF IDEAL'S
HANDRAIL STYLES

NO
ROOF
PENETRATION

- Protect multiple rooftop or edge workers without individual safety equipment

STYLES AVAILABLE:

- 1 1/4" schedule 40 steel pipe and 1 1/4" schedule 80 steel pipe
- Pipe sleeved in HDPE plastic to limit maintenance needs
- Modular system with external aluminum magnesium Speed Rail Fittings
- Available with multiple non-penetrating Base Plate options:
 - Standard: 100 lbs. with slots for easier transport
 - Standard with Handles: 100 lbs. with handles for easier lifting
 - Stacked: Two 50 lbs. plates with locking pin and spacers to eliminate pinch points
- Standard Height: 42"
- Simple installation; arrives on-site in fully assembled sections





BASE PLATE OPTIONS



STANDARD WITH HANDLES

- Handles for easy lifting
- 100 lbs. Steel weighted foot plate



STACKED

- Spacers eliminate pinch points
- Two stacked 50 lbs. steel weighted foot plate
- Locking pin to prevent rotation



WARNING LINE SYSTEM

MEETS
OSHA
STANDARDS

ROOF TOP
GUIDE LINES
FOR WORKERS
SAFETY

HIGHLY
VISIBLE BASES &
FLAGS



- Reliable warning line system for roof top workers
- Made of 50 lbs. base plated stanchions with plastic coated stainless steel cable and aluminum pendant flags
- Stanchions: 39" tall
- Base Plates: 15" x 15"
- Meets OSHA Standards





LOOP DETAIL





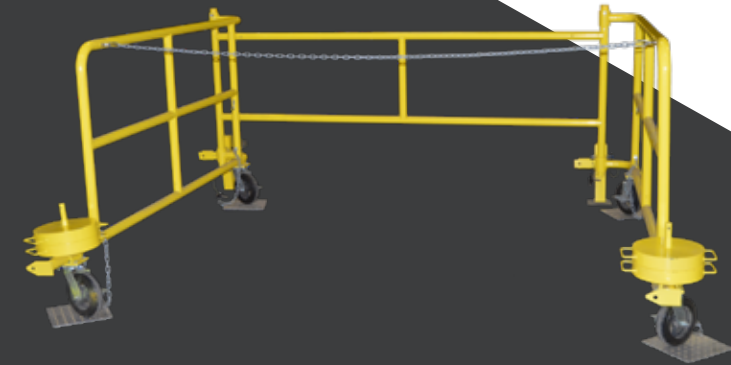
MOBILE PARAPET BARRIERS

EXCEEDS
OSHA
STANDARDS

COST-EFFECTIVE
ROOF TOP
PROTECTION

PORTABLE
AND
LIGHTWEIGHT

- Made of corrosive-resistant anodized aluminum
- Standard size: 3' 4" tall x 8' wide
- Standard weight: 100 lbs; includes 50 lbs. steel disc counterweights
- Cost-effective roof top fall protection railing
- Portable and lightweight but sturdy and secure
- Exceeds OSHA Standards
- Eliminates the need for anchor point attachments and personal protective equipment for workers





MECHANISM DETAIL





SIGN SYSTEMS & SANI-STANDS

• Sign Base Systems • Pyramid Sign Base Systems • Octagon Sign Base Systems • Camera Sign Base Systems • Bollard Sign Systems • Flex Bollard Sign Systems • Flexpost Stick • Hand Sanitizer Stand • Sneeze Guards



THE KIEFER FOUNDATION
TEXT-FREE ZONE
McDonald's


PARKING

2
RESERVED


STOP

Don't Let Your
Next Text
Be Your Last


THE KIEFER FOUNDATION



SIGN BASE SYSTEMS

QUICK &
EASY
INSTALL

MAINTENANCE
FREE HOPE
PLASTIC

CUSTOM
COLORS &
DECALS

PYRAMID SIGN BASE

- Available in any color
- Lightweight design reduces shipping costs; ships at just 30 lbs. compared to heavy concrete bases weighing 300 lbs. When filled sign base is 175 lbs.
- Portable option available; easy to maneuver for everyday employees
- Traditional, directional, or custom signage options available
- Sign brackets available

OCTAGON SIGN BASE

- Maintenance-free product - will not chip, crack, peel, or rust
- Bases withstand freezing conditions - fill only 9.6 gallons to allow base gel or water to expand when frozen
- No core drilling or bolt-down installation required

FILL OPTIONS

- Water, sand, base gel, pea gravel, and concrete
- No core drilling or bolt-down installation required





CUSTOM DECALS





BOLLARD SIGN SYSTEMS

PRECISE
CUTTING

MAINTENANCE
FREE
SYSTEM

AVAILABLE
IN
ANY COLOR



- Permanent sign solutions for traditional, directional, and informational signage
- Bollard: Fabricated 4" or 6" schedule 40 U.S. steel pipe sleeved in precision cut 1/4" Bollard Cover
- Signpost: Standard 84" tall 1.66 OD 14 gauge U.S. steel pipe sleeved in HDPE plastic
- **AVAILABLE IN ANY COLOR**; standard and custom colors available for both the Bollard Cover and Signpost
- Core-in or Base Plate installation options
- Add ons: Traditional signage, sign brackets, custom decals

PRECISE CUTTING



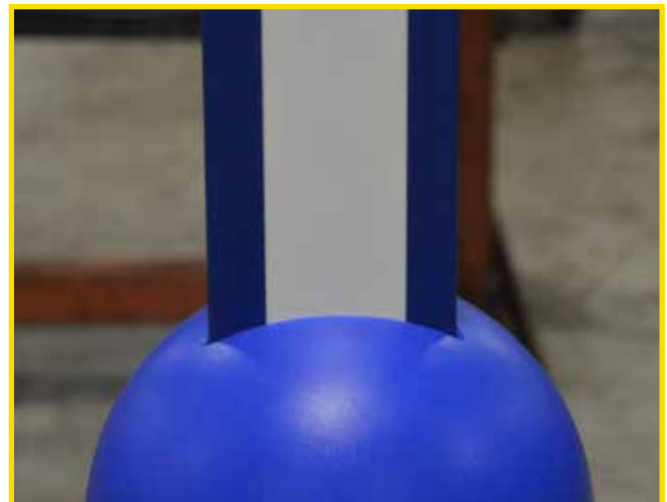


ADD-ONS

TRI-SIGN TOPPER



U-CHANNEL POST COVERS





FLEXPOST SIGN SYSTEM

**QUICK &
EASY
INSTALL**

**AVAILABLE IN
ANY COLOR**

**CUSTOM
DECALS
AVAILABLE**



- Flexible Bollard Sign Systems
- Covered with 6" diameter Bollard Cover with 1/8" or 1/4" wall thickness
- Surface mounted with asphalt and concrete install options

TWO DIFFERENT OPTIONS:

STANDARD

- Base Plate: 9" Square 7 Gauge Mounting Base Plate
- Flex System: 1/2" Diameter Carbon Steel Torsion Spring
- Signpost: 1.66 OD, 14 Gauge Post sleeved in HDPE plastic (9' 2.38")

HEAVY DUTY

- Base Plate: 9" Square 7 Gauge Standard Steel Base Plate
- Flex System: Carbon Steel Torsion Spring with 1/2" Zinc Coated Bolts
- Signpost: 1.66 OD, 14 Gauge Post sleeved in HDPE plastic (9' 2.38")



INSTALLATION



STANDARD



HEAVY DUTY



FLEXPOST SIGN STICK

**ABSORBS
SHOCK
UPON IMPACT**

**360 DEGREES
OF
FLEXIBILITY**

**AVAILABLE
IN 5
COLORS**

- Signpost: 72" tall steel 1.66" round post sleeved in 1.9" OD HDPE plastic
- Flex System: Carbon steel torsio spring with 1/2" zinc coated bolts
- Base Plate: 9.5" Square 7" Gauge Standard Steel Base Plate
- Flexible signpost stick designed with 360° of shock absorbing flexibility
- Quick and easy installation process; no specialty tools required
- Available in five different colors including Yellow, Red, Black, Blue and Gray
- Standard signage available





INSTALLATION



STANDARD



HEAVY DUTY



SANITIZER STANDS

MADE
IN THE
USA

QUICK
SHIPPING

CUSTOM
DESIGNS



- Help keep your office, school, warehouse and facilities clean with steel sanitizer stands
- Two Base Sizes:
 - Standard: 12" at 24lbs
 - Heavy Duty: 16" at 36lbs
- Standard Signpost: 48" tall U.S. steel pipe sleeved in HDPE plastic
- Available in multiple color options
- 2 different dispenser holders:
 - Steel Cup: Holds Gallon Jug
 - Steel Mount: Holds Hands Free Dispenser
- Hand sanitizer sold separately
- Informational and directional signage available upon request
- Custom base plate designs available upon request



BASE OPTIONS



STANDARD



HEAVY DUTY BASE PLATE



CUSTOM



PARKING & FACILITY

- EV Charging Station
- Clearance Bar Systems
- Column Wraps
- Cart Corrals
- Bike Racks
- Delineator Post

CLEARANCE 9' 6"





EV CHARGING STATION

CHARGES
IN ALL
WEATHER

SINGLE
OR DUAL
OPTIONS

AVAILABLE
IN
ANY COLOR

- Add electric charging units to your storefronts, parking lots or residence
- SPX Charging Unit: Bosch 240V hybrid electrical vehicle charger
- Bollard: 6" schedule 40 galvanized steel; sleeved in 1/4" Decorative Bollard Cover
- Base Plate: 5/8" x 10" x 10"
- Standard Height: 58" to 66" overall
- Includes 23 ft. flexible charging cable
- Available in Single or Dual Charging Units
- Non-Network system means no pay-to-charge
- ETL certified to UL standards; cETL listed
- Ability to charge in all weather conditions





WALL MOUNT



- Indoor or outdoor installation
- The Wall Mount Charging Station is wind, rain, snow, sleet, ice, cold and heat resistant
- It meets or exceeds NEMA 4X, NEC 625, SAE J1772 standards and is ETL and cETL listed
- Wall or Pedestal mounting
- Adjustable Amperage: 12-32 Amps
- Cord Length: 18ft
- Dimensions: 14"L x 5"W x 4"D



CLEARANCE BAR SYSTEMS

HIGHLY
VISIBLE

CLEARANCE BAR
APPARATUS
AVAILABLE

AVAILABLE
IN ANY COLOR

- Highly visible height restriction warnings for drive-thrus and parking lots.
- Add custom graphics or height limit decals
- Standard and custom Clearance Bar Apparatuses available as well

• STANDARD APPARATUS:

- MAX HEIGHT: 13 FT
- MAX LENGTH: 10 FT

AVAILABLE SIZES:

- 5.25" OD 78" overall length w/ 2 eye bolts
- 7.25" OD 110" overall length w/ 3 eye bolts

COMMON USES

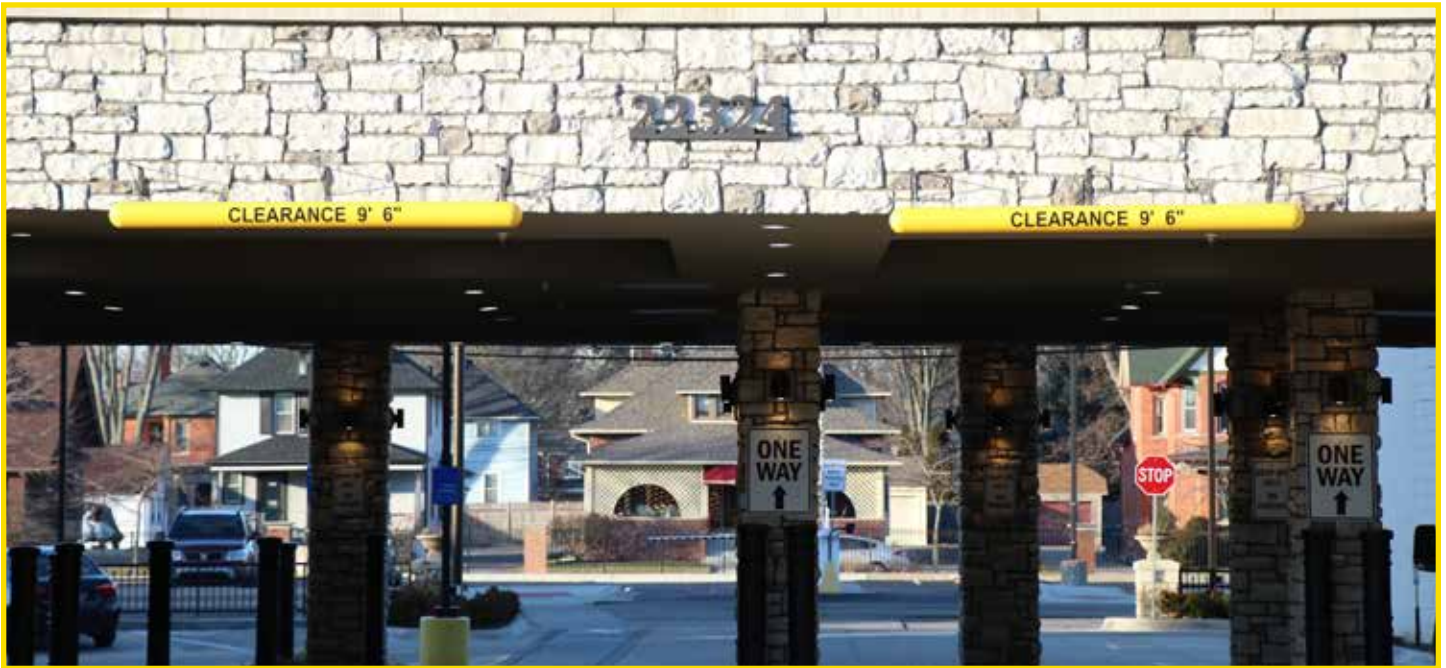
Drive-Thru Lanes
Parking Lots & Garages
Loading Dock Doors
Car Wash Entrances
Auto Shop Garages



CUSTOM DESIGNS



STANDARD CLEARANCE BAR APPARATUS



CLEARANCE BAR OPTIONS

- **TWO-PIECE:** Spliced together; available in Any Color
- **TUBE SYSTEM:** One-Piece Tube with end caps; Only available in Safety Yellow

CUSTOM DECALS



LETTERING & LOGOS



COLUMN WRAPS



ROUND
OR
SQUARE

NO
SHARP
EDGES

NEVER
PAINT
AGAIN

- Minimize damage to structural columns in warehouses and retail stores from forklift and shopping cart accidents
- Made of 1/4" HDPE plastic
- Available in Yellow, Red or Gray; custom colors available on larger orders
- Maintenance-free design; never paint again
- Easy installation; slide and snap system
- Less expensive than stainless steel options; no sharp corners





STYLES AVAILABLE



ROUND

- Fits 6" or 8" columns
- Standard height is 60"



SQUARE

- 11" x 11" or 18" x 18"
- Standard height is 60"



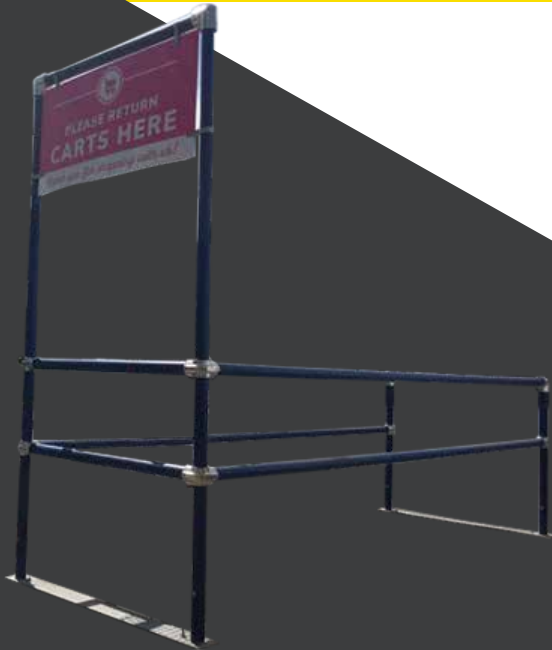
CART CORRALS

MULTIPLE
STYLES
AVAILABLE

MAINTENANCE
FREE

CHOOSE
YOUR
COLOR

- Maintenance-free cart or buggy corrals for your storefronts and parking lots
- Two different finishes available:
 - Steel Pipe & Plastic: 1 1/4" schedule 40 U.S. steel pipe sleeved in HDPE plastic
 - Aluminum: 1 1/2" schedule 40 anodized aluminum
- Includes external or internal magnesium alloy fittings
- Single, Dual, or Back-to-Back access corrals available
- Available in multiple color options; ask for more details







BIKE RACKS

MADE
IN THE
USA

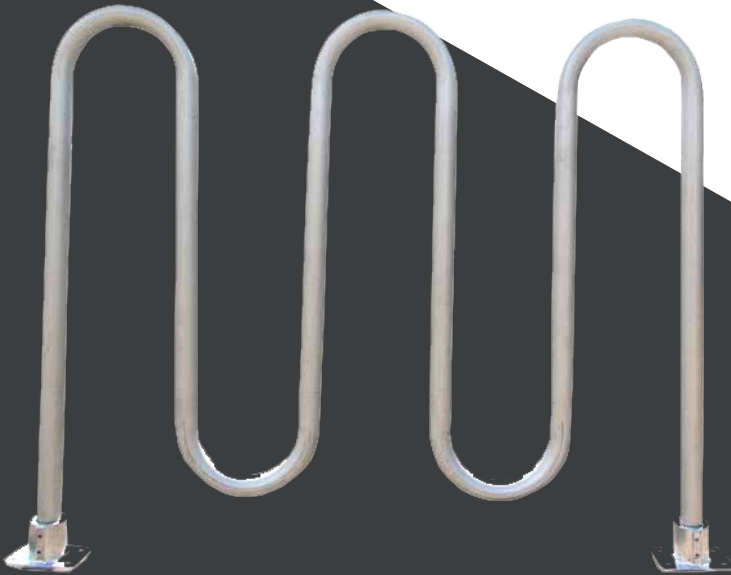
MAINTENANCE
FREE

FITS
3-7
BIKES

- Wave styled bike racks for any location
- Made of anodized aluminum; maintenance-free
- Designed to fit 3-7 bikes; ask for more details

COMMON USES

Schools
Banks
Grocery Stores
Public Spaces







DELINEATOR POST

PERMANENT
OPTION

WITHSTANDS REPEATED
VEHICLE IMPACTS

MAINTENANCE
FREE



- 36" - 48" tall HDPE plastic posts
- Available in Safety Yellow, white, and orange
- **Tape color options:** Yellow, Red, and Silver
- Flexible base provides resistance to impact and minimal vehicle damage
- Permanent, maintenance-free solution for better driver awareness







CURB GUARD

MADE
IN USA

QUICK
PROTECTION

EASY
INSTALL

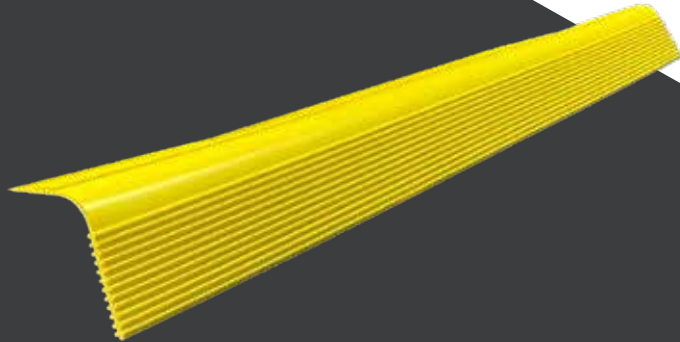
- Prevents curb damage and scratches & scrape on wheel rims
- Lengths up to 7.5'
- Available in yellow and black
- Perfect for parking spots, entrance gates, ATMs, drive-thru lanes, and more.
- Special formulated impact resistant plastic with five year no fade warranty
- Alternative to painting curbs

EASY INSTALLATION

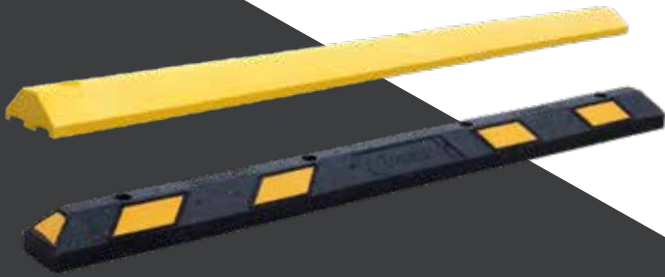
- Use Concrete Wedge Anchor 1/4" x 2-3/4" bolts for installation- not included with product



- Pre-drilled mounting holes







PARKING BLOCKS

LIGHTWEIGHT
FOR REDUCED
SHIPPING COSTS

STANDARD &
HEAVY DUTY
OPTIONS

AVAILABLE
IN MULTIPLE
COLORS

STANDARD PLASTIC BLOCK

- Weather & UV resistant recycled plastic material
- Available in Yellow, Blue, Gray or Green
- 3 1/4" x 6" x 4' or 6'
- 4" x 6" x 4' or 6'
- Weight: 10-19 lbs

HEAVY DUTY PLASTIC TRUCK BLOCK

- Weather & UV resistant recycled plastic material
- Available in Safety Yellow
- 7" x 10" x 96"
- Weight: 89 lbs

RUBBER REFLECTIVE BLOCK

- 100% compound recycled rubber
- Available in Black with Yellow
- 6' Block - 36 lbs.



STANDARD PLASTIC BLOCK



HEAVY DUTY PLASTIC TRUCK BLOCK



RUBBER REFLECTIVE BLOCK





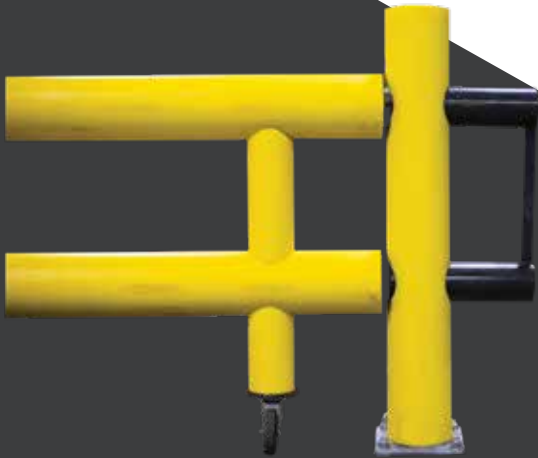
CUSTOM PRODUCTS

- Handrail and Guardrail Gates • Branding





CUSTOM GATES



MADE
IN THE
U.S.A

MULTIPLE
STYLES
AVAILABLE

SWING
OR
LOCKING GATES



DOUBLE LOCKING PIN SWING GATE



SELF CLOSING HANDRAIL GATE

- Swing gates and custom protective railing designed off of our industry leading industrial guardrail system

HANDRAIL GATES:

- Options include self closing gates, gates with latches, aluminum gates, steel pipe and plastic gates

GUARDRAIL GATES:

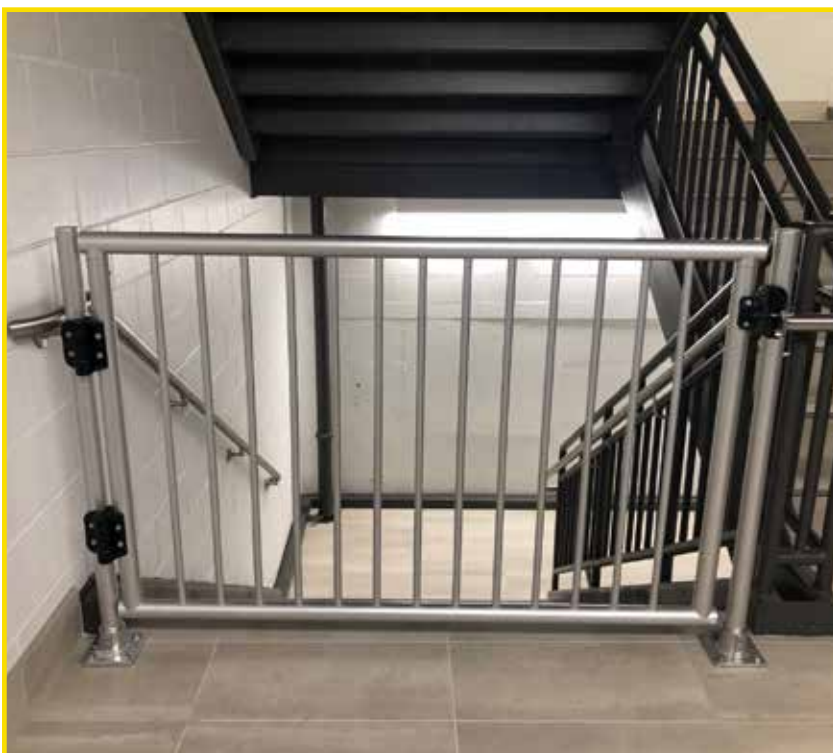
- Made of U.S. Steel and sleeved in HDPE plastic
- Swing gate includes Side Slide Locking Pin for increased security and strength

CUSTOM OPTIONS INCLUDE:

- Stackable Guardrail
- Multi-Line Guardrail
- Removable Guardrail
- Custom guardrail designs



HEAVY DUTY LOCKING GUARDRAIL GATE



ALUMINUM LOCKING HANDRAIL GATE



PIVOT BASEPLATE



CUSTOM BRANDING

MULTIPLE
DECAL
OPTIONS

AVAILABLE
IN ANY
COLOR

CUSTOM
INFILL
OPTIONS





Bollard Covers • Sign Bases • Handrail Infill Panels • Custom Steel Cutting





The Bollard, Handrail and Guardrail Company

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