



## ALIGNERS & DEVIATORS

PVC ALIGNER POST (Code: AL-PVC-10)	4
PVC ALIGNER POST (Code: AL-PVC-13)	4
FLEXIBLE SHEET ALIGNER	4
PLASTIC FLEXIBLE ALIGNER	4
BICOLOR POST	4
ALIGNER POST (Code: R:1530)	5
ALIGNER POST (Code: R:1145)	5
AMSTERDAM SIGNALING	5
LUMINOUS TWO WAY DEFLECTOR	5

## IMPACTOR ABSORBERS

MULTI-IMPACTOR FOR ROLL DEFENDER	6
MULTI-IMPACTOR 118	6
MULTI-IMPACTOR TCIA 130	6
MULTI-IMPACTOR 7	7
ABSORB 460 TCIA	8
ABSORB 940 TCIA	8
ABSORB 400 TCIA	9
ABSORB 400 TCIA OPERATION	10
ABSORB 190 TCIA ECONOMIC	11
IMPACTOR TCIA I-890	11
MASTER IMPACT ABSORBER	11
TRAILER WITH AIR IMPACT ABSORBER	12
VITEMFLEX® IMPACTOR TRAILER	12
IMPACT REDUCER TRAILER 245	12
ABSORB 130 TCIA	13
HOW ABSORB 130 WORKS?	14

## TRAFFIC BOLLARD BALIZA

BRÍO 105TRAFFIC BOLLARD BALIZA	15
BRÍO 105 PALETTE	15
BRÍO 1000 Y 1000-PLUS TRAFFIC BOLLARD	15

## ROAD SAFETY PLASTIC BARRIERS

BULLDOG BARRIER S70	16
BARRIER S81	16
BABY BARRIER BBS-100	16
TUBULAR BARRIER	17
MULTI-PURPOSE BARRIER	17
CLASSIC BARRIER 110	17
DIAMOND-S BARRIER	18
BARRIER S-2016	18
MADRID BARRIER	18
ROADWEILER -60 BARRIER	19
PERRY 1500 BARRIER	19
ROADWEILER BARRIER	19
GALAXY BARRIER	20
DIAMOND BARRIER	20
SECURE ARROW	20
B-199 BARRIER	20
BLOWED MINI BARRIER	21
SHADOW PALETTE PS-650	21
ANTI-GLARE VIAL	22
ANTI-GLARE PALETTE	22
SIMPLE ROLL DEFENDER	22
DOUBLE ROLL DEFENDER	23
TRIPLE ROLL DEFENDER	23

## BARRICADES

BARRICADE 66	24
BARRICADE 115	24
PROTECTION BARRIER	24
BARRICADE VISTA 150	24
BARRICADE 110	25
LIGHTWEIGHT MESH ROLL	25
FANTAFLEX FAN 147	25
PLASTIC BARRIER	26
MODULAR BARRIER	26
BARRICADE TAPE	26

## NEW BOLLARDS

STAINLESS STEEL ATHENEA BOLLARD	27
KIRA STAINLESS STEEL BOLLARD	27
STAINLESS STEEL TUSCANY BOLLARD	27
ATHENEA STAINLESS STEEL BOLLARD	28
KIRA STAINLESS STEEL BOLLARD	28
TUSCANY STAINLESS STEEL BOLLARD	28
MANUAL CONTROL BOLLARD	29
REMOTE CONTROL BOLLARD	29
CLASSIC BOLLARD	30
PYRAMIDAL BOLLARD	30
EIFFEL BOLLARD	30
BARCELONA BOLLARD	30
METROPOLE BOLLARD	30
BOLLARD ES-300	31
BICYCLE BOLLARD	31
ABSORBER BOLLARD 100	31
BOLLARD HADO	32
BOLLARD A1	32
BOLLARD VIENNA	32
PROSPERITY BOLLARD	32
STATIC BOLLARD	33
GREECE BOLLARD + DOME-SPHERE	33
OBELISQUE BOLLARD	33
STATIC BOLLARD	34
TRIANGULAR BOLLARD	34
ROMAN BOLLARD	35
BOLLARD ELEGANCE 101	35
BOLLARD GEO 101	35
RETRACTABLE BOLLARD 01	36
ROMAN RETRACTABLE BOLLARD 02	36
RETRACTABLE BOLLARD 03	36

## ELECTRONICS - LUMINIC BOLLARDS

LUMINOUS STAINLESS STEEL BOLLARD	37
LUMINOUS BOLLARDS	37
SOLAR BOLLARD GREECE LUX	37

## ROAD BUTTONS

MAXIBUTTON RUMBLER	38
MULTIVISTA ALUMINUM	38
BUTTON	38
MULTIVISTA BUTTON	38
ABS BUTTON	38
STEEL BUTTON	39
STAINLESS STEEL BUTTON	39
ALUMINUM BUTTON	39
ALUMINUM BUTTON	39
BUTTON 100	39
BUTTON 135	39
CERAMIC BUTTON	39

## METAL & PLASTIC SPEED BUOYS

OVAL BUOY-45	40
I-55 POLYETHYLENE BUOY	40
I-68 POLYETHYLENE BUOY	40
MULTIVISTA SPEED BUOY	40
MULTISPHERE SPEED BUOY	40
PVC BUOY	41
STAINLESS STEEL BUOY	41
METAL BUOY	41
ALUMINUM BUOY 200	41
ALUMINUM BUOY 180	41
DROWNED BUOY	41

## SIGNALIZATION STAND

LARGE FORMAT EASEL	42
TWO MESSAGES EASEL	42



## LANE CHANNELIZERS

CATERPILLAR CHANNELER	43
CHANNELER REDUCER 51	43
COUNTERFLOW LUMINOUS CHANNELER	43
CENTRAL REFLECTIVE CHANNELER	44
BUS BOLLARD	44
TRIPARE CHANNELER	44
FOLDING CHANNELER	44
THE 50 CHANNELIZER	45
SPECIAL 25 ROAD STUD	45
CANALIZADOR 81	45
MINITOP 445	46
MINITOP H-65	46
BOOMERANG C-BG-50-10	46
BOOMERANG C-BG-50-14	46

## BICYCLE TRACK SIGNALISE

PALETTE CHANNELING POLIFLEXY® 70	47
PALETTE CHANNELING POLIFLEXY® 80	47
POST CHANNELING	47
BICYCLE PROTECTOR SPEED REDUCER	48
CONFI-BICI BOLLARD	48
CONFI-BICI LUMINIC CHANNELIZER	48
CONFI-BICI-25 BOLLARD	49
CONFI-BICI-40 BOLLARD	49
CHANNELER ATLAS	50
CONFI-BICI LUMINOUS STUD	50
BARRIER CHANNELER	51
CHANNELER 51C-2 WITH POST	51
CHANNELER 51C-3 WITH POST	51
MODULAR BICIPARKING	52
DUAL BICIPARKING	52
PVC BICYCLE FLOOR TILE	52

## TRAFFIC CONES

SUPER FLEX CONE 45	53
SUPER FLEX CONE 60	53
SUPER FLEX CONE 71	53
SUPER FLEX CONE 91	53
TRAFFIC CONE 25	54
TRAFFIC CONE 41	54
TRAFFIC CONE 35	54
TRAFFIC CONE 60	54
TRAFFIC CONE 75	54
TRAFFIC CONE 100 INFORMATIVE	55
CONE 100 B PVC	55
TRAFFIC CONE 100	55
FLEX CONE 45	55
FLEX CONE 45	56
FLEX CONE 45 BP	56
FLEX CONE 71	56
FLEX CONE 71-BP	56
FLEX CONE 91	56
FLEX CONE 91-BP	56

## SIGNALISE FOR DISABLED PERSONS

BLUE MULTIVISTA BUTTON	57
BUTTON GUIDE FOR BLIND PERSONS	57
FOLDING BLUE POST	57
TACTILE PAVING FOR BLIND PERSONS	57

## ELECTRONICS

SMART ROAD STUD	58
ROAD STUD SOLARIS	58
ROAD STUD R2	58
HALF-BURIED ROAD STUD	58
ECONOMIC ROAD STUD	58
FLASHER BALIZA ROAD STUD	59
INOX STEEL ROAD STUD	59
PROGRAMMABLE STUD SEQUENCER	60
INOX SMALL LUMINIC	60
INOX LARGE LUMINIC BUTTON	60
SOLAR LARGE BUTTON	60
SOLAR SMALL BUTTON	61
SOLAR ALUMINUM BUOY	61
SOLAR SUPER BUOY	61
SOLAR ABS BUOY	62
SOLAR BALIZA BRIO 105	62
SOLAR BALIZA BRIO 1000	63
LUMINOUS DIAMOND PALLET	63
POLIFLEXY® SOLAR CONES	64
SUPERFLEXIBLE SOLAR CONES	64
INFORMATIVE CONE	65
FLASH LAMPS	65
WORK LAMP ECONOMIC	66
"SEVEN" FLASH LAMPS	66
POST ALIGNER	67
STROBOSCOPIC BARRICADE	67
BARRICADE LIGHTHOUSE	68
CANDLELIGHT TRAFFIC DRUM	68
ELECTRONIC LIGHT TRAFFIC DRUM	69
LUMINOUS DANGEROUS TURN SIGNALISE (METAL SHEET)	69
LUMINOUS RESTRICTIVE SIGNALISE (METAL SHEET)	69
LUMINOUS PREVENTIVE SIGNALISE (METAL SHEET)	69
LUMINOUS INFORMATIVE SIGNALISE (METAL SHEET)	69
LUMINOUS ARROW BOARDS	70
SMART ARROW LIGHTS TRAILERS	71
LUMINOUS ARROW BOARDS FOR WORK VEHICLES	72
BIDIRECTIONAL LUMINOUS ARROWS	72

## PARKING LOTS (BUMPS & MORE)

21ST CENTURY PARKING BUMP	73
ECONOMIC PARKING LOT BUMP	73
BUMP TPES-P-80	73
THE LEADER 60 BUMP	74
BUMP (Code: TPES-N-55)	74
LARGE BUMP ECONOMIC (Code: PES-180)	74
ECONOMIC BUMP TE-184	75
PARKING BLOCKER	75
CORNER GUARD 80	75

## BOLLARDS AND PALETTES

POLIFLEXY® 76 BOLLARD	76
POLIFLEXY® 51 BOLLARD	76
POLIFLEXY® 66 BOLLARD	76
PLASTIC WASHERS FOR POST BASE	77
"EXTRALARGE" TACK AND "ULTRAFIX" SCREW	77
DELINEATOR POST	77
FLEX-100 POST	77
FOLDING POST	78
EASY PUT & REMOVE POST	78
DEVIATION POST 113-136	79
MAXY DEVIATION POST	79
POST 110 / 85	79
POLIFLEXY® 82 BOLLARD	80
POLIFLEXY® BOLLARDS 88 AND 102	80
POLIFLEXY® FOLDING PALETTE 66	80
FLEXIBLE PALETTE WITH REFLECTIVES	81
FLEXIBLE CHANNELIZER PALETTE	81
SUPER PALLETE 115	81
80 DEFENDER POST	82
80 DEFENDER SOLAR	82
PALETTS UNIX WITH FOLDING BASE	83
PALETTS UNIX WITH TURTLE BASE	83
PALLET UNIX STAINLESS STEEL	83

## LAMPS

LED STICK	84
STROBE LAMP	84
TURRET LAMP	84
FLASHLIGHT WITH STROBE AND TRIPOD	84
LUMINOUS SMALL STICK	84

## IMAGE SIGNS

IMAGE SIGNS	85
LUMINOUS GIANT LETTERING	85

## URBAN LUMINAIRES

LUMINARY STONE	86
SCENIC DECORATION LAMP	86
RACKET LAMP	86

## NOMENCLATURE

NOMENCLATURE	87
URBAN ARROW NOMENCLATURE	87
LUXURY STREET NOMENCLATURE	87

## SPEED REDUCERS

DISSUASIVE SPEED REDUCER 120	88
SPEED REDUCER	88
SPEED BREAKER WITH SPHERES	89
LUMINOUS SPEED REDUCER S-81	89
SCALABLE REDUCER "S" (put & remove)	89
DISSUASIVE RAMP	90
ZEBRA CROSSING WITH LEDS	90
SPEED REDUCER 51	90
DITCH COVER 140	91
SPEED REDUCER REVO	91
ECO-SPEED-REDUCER	92
ECO-DIVISOR	92

## REFLECTIVES

WALL REFLECTIVES M15 Y M16	93
REFLECTIVES (CODES RR-100 AND RA-100)	93
REFLECTIVE BRACKETS FOR BARRIERS	93
REFLECTIVE FOR BARRIERS	93
REFLECTIVE HANGING PALETTE	93

## REFLECTIVE TAPES

ENGINEERING GRADE	94
PRISMATIC ENGINEERING GRADE	94
HIGH INTENSITY GRADE	94
VERY HIGH INTENSITY GRADE	94

## SECURITY CLOTHES

BANDEROLE	95
JACKET	95
CAMISOLE AND PANTS	95
POLYESTER VEST	96
MESH VEST	96
VEST WITH LIGHT	96
TWO PIECES WATERPROOF SLEEVE	97
WATERPROOF SLEEVE	97

## REGULATORY SIGNALISE

DESTINATION INFORMATION- REGULATORY SCT (GREEN)	98
INFORMATIVE RECOMMENDATIONS &	99
IDENTIFICATION REGULATORY SCT-ROAD SIGNS	
RESTRICTIVE-REGULATORY SCT (RED SIGNS)	100
CIRCULAR RESTRICTIVE SCT (RED SIGNS)	100
PREVENTIVE-REGULATORY SCT (YELLOW SIGNS)	101
INFORMATIVE-SCT (BLUE SIGNS)	102
ON-ROAD WORK- REGULATORY SCT (RED ORANGE SIGNS)	103

## PHOTOLUMINESCENCE SIGNALS

PHOTOLUMINOUS SIGNS	104
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## PREMIUM SIGNALISE

PREMIUM SIGNS (WALL)	105
PREMIUM SIGNS (FLAG)	106
PREMIUM SIGNS (ON-DESKTOP)	106
PREMIUM SIGNS (PENDANTS)	107
PREMIUM SIGNS (TOTEM)	107

## WHEEL STOPPERS

BITUMINOUS MARKER ADHESIVE	108
EPOXIC GLUE	108
STRIPING PAINT	108
WHEEL STOPPER IN ABS WITH SPHERES	108
WHEEL STOPP IN ABS	108
WHEEL STOPP ALUMINUM	108
WHEEL STOPPER IN ALUMINUM + 27 REFLECTIVE SPHERES	109
WHEEL STOPPER IN S STEEL+ 27 REFLECTIVE SPHERES	109
WHEEL STOPPER STAINLESS STEEL WITH SPHERES TP-235	109
WHEEL STOPPER STAINLESS STEEL WITH SPHERES TP-30	109
WHEEL STOPPER IN STAINLESS STEEL WITH REFLECTIVE FACE	109

## TRAFFIC DRUMS

TRAFIST 105 ECONOMIC DRUM	110
TRAFISIT 109 DRUM	110
R-TRAFISIT 122 DRUM	110

## ROAD STUDS

TWO FACES STAINLESS STEEL ROAD STUD	111
ROAD STUD IN STAINLESS STEEL +15 REFLECTIVE SPHERES	111
CHIP SEAL STUD	111
CHIP SEAL MARKER	111
ROAD STUD CIU	112
ROAD STUD C-80	112
MEGALUX ROAD STUD IN STAINLESS STEEL	112

## URBAN AND COUNTRY BENCHES

BELMONT CURVE BENCH	113
BELMONT STRAIGHT BENCH	114
TOLEDO BENCH	115
REST BENCH	115
SELVA BENCH	116
BARCELONA BENCH	116

## OUTDOOR GYMS

EXERCISERS FOR DISABLED PERSONS	117
SIMPLE EXERCISERS	117
DOUBLE EXERCISER	117

## CHILDREN PLAYGROUNDS

MODULAR GERMANY	118
MODULAR ANTWERP	118
MODULAR ATHENS	118
MODULAR FRANCE	118
MODULAR REYLAZ CRUISE	119
MODULAR MADRID	119
MODULAR MONACO	119
MODULAR VIENNA	120
MODULAR OCTOPUS	120
MODULAR TOWER EIFFEL	120

## SKATEPARKS AND VELARIAS

SKATEPARK PRO	121
VELARIAS	121



## PVC Aligner Post

**Codes:** AL-PVC-10 y AL-PVC-13

- Simple aligner model, especially to substitute road hard shoulders.
- With 8.52 in<sup>2</sup> of reflective area at the top.
- Rounded corners and edges to avoid injuries when hitting them.
- Made of flexible and resistant plastic material with U.V.

**Measure AL-PVC-10:**

Height: 3 ft 11.24 in.  
Width: 3.93 in.

**Measure AL-PVC-13:**

Height: 3 ft 11.24 in.  
Width: 5.11 in.

**Color:** White. ☐

**Reflective:** Amber. ☒



## Flexible Plastic Sheet Aligner

**Code:** AL-LAM

- Classic aligner for roads or avenues made of flexible sheet. The best option to replace the heavy and risky concrete aligners.
- Large Reflective area with excellent visibility at night.
- Easily installed on ground or pavement.

**Measure:**

Height: 3 ft 1.37 in., and 3 ft 11.24 in..  
Width: 5.11 in.

**Color:** White. ☐

**Reflective:** Amber & Red. ☒ ☒



## Plastic Flexible Aligner

**Code:** AL-PLAS-E

- Plastic version of the classic aligner, adding a modern and functional design that includes two large Reflective areas (21.66 sq in.) increasing visibility at night and through long distances.
- Two models: With base (Code: BAS-AL) that sticks to floor or model to be anchored on land or pavement.
- Made of flexible PVC material with U.V.
- Option to put legends like kilometer or road number.

**Measure:**

Height: 3 ft 3.37 in.  
Width: 5.51 in.

**Color:** White. ☐

**Reflective:** White, Amber, Red. ☐ ☒ ☒



## Bicolor Post

**Code:** P-BC

- Safety post to delimit areas quickly and easily, functional to create rows in restaurants, taxi and bus stops, also used to restrict access in risk areas.
- Refillable base to add weight for more stability against wind or impacts.
- Being modular facilitates its transfer and storage.
- Not include the plastic chain.

**Measure:**

Total Height: 3 ft 4.15 in.  
Length Body: 9.44 in.  
Diameter Body: 1.69 in.  
Diameter Base: 13.38 in.  
Total Height Base: 3.14 in.

**Colors:**

White with Red, White with Yellow, base black. ☐ ☒ ☒



**Plastic chain:**  
Roll 82 ft.



# ALIGNERS & DEVIATORS



## Highway Delineator Post

Codes: R-1530, R-1145

- Special high-rise posts for use in construction sites, accidents, channeling or marked lanes and highways. Also in public crowded events.
- In two presentations: with two or three stripes of reflective prism band.
- Both models include removable circular head and refillable hexagonal base.
- Great stability and wind resistance.
- Made of medium density polyethylene with U.V. protection.

### Measure model R-1530

Post: Diameter: 3.74 in., Height: 5 ft  
Base: Diameter: 15.74 in., Height: 3.14 in.

### Measure model R-1145

Post: Diameter: 3.74 in., Height: 3 ft 8.48 in.  
Base: Diameter: 15.74 in., Height: 3.14 in.

Colors: Orange, black.



Reflective: White, Amber.



## Amsterdam Signaling

Code: D-AMS-63

- Novel design ideal to be placed on accesses and exits of avenues and fast roads.
- Functions as a striking accessory.
- A 24.8 in. circle diameter for signaling or advertising for all types of businesses.
- Option to include electric or solar charged light device for more visibility.
- Made of medium density polyethylene with U.V. protection.

### Measure:

Length: 1 ft 6.11 in., Width: 2 ft 1 in., Height: 5 ft 8.50 in.

Colors: Yellow, White.



Reflective: White, black or amber.



## Luminous Two Way Deflector

Code: D-LUM-61 / D-SOL-61

- Luminous device to divert traffic at accesses and exits on avenues or roads and other.
- In case of impact it can absorb part of the energy.
- In slight impacts it recovers its original form.
- It can include a device of total brightness either electric or solar with automatic ignition at dusk.
- Made of medium density polyethylene with U.V. protection.

### Measure:

Length: 2 ft 2.57 in., Width: 16.53 in., Height: 5 ft

Colors: Blue, White.



Reflective: White.





# IMPACTOR ABSORBERS



## Multi-Impactor Accessory for Roll Defender

Code: MI-RD

- Excellent shock absorber accessory that reinforce the Roll Defender system protection.
- To be placed in dangerous places on roads and avenues.
- Includes auto-solar lamp with 4 flashing modes and reflective bands for better visibility.
- Made with several layers of Vitemflex® of different densities mounted on a strong steel structure.
- Inexpugnable shock absorber.
- Complies with regulatory standard NOM-008-SCT2-2013.

**Measure:** According to the number of rollers.

**Reflective:** White or Amber.



## Multi-Impactor 118

Code: IM-118

- Designed to protect motorists in blades and deviations.
- It supports a lot of impacts.
- Being completely flexible, it creates a cushioning effect due to cushioning at the time of impact, which minimizes damage to vehicles and passengers.
- It is fixed to the floor by means of a strong metal structure.
- Made with several layers of Vitemflex® of different densities.
- Optional: Auto-solar lamp with 4 flashing modes.
- With strips of Reflective.
- Complies with Standard NOM-008-SCT2-2013.
- Shock absorber not transferable.

**Measures:**

Length: 5 ft 4.64 in.

Height: 3 ft, also available in 3 ft 7.30 in. and 4 ft 8.11 in.

**Reflective:** White or Amber.



## Multi-Impactor TCIA 130

Code: IM-130

- Protector for light poles or bridge columns, placed at high speed or heavy traffic track entrances.
- Due to the steel structure strongly anchored to the floor, it has the necessary strength to withstand multiple impacts without maintenance.
- Made with several layers of Vitemflex® of different densities.
- Optional auto-solar lamp with 4 flashing modes.
- With Reflective bands.
- Complies with Standard NOM-008-SCT2-2013.
- Shock absorber not transferable.**

**Measure:**

Length: 5 ft 8.50 in.

Height: 4 ft 8.69 in.

Width: 4 ft 1.21 in.

**Reflective:** White or Amber.



# IMPACTOR ABSORBERS

## Multi-Impactor 7

Code: MI-7

- Retractable shock absorber, with the ability to recover and return to its original form after each impact.
- Solve the problem in a totally innovative controlling impact energy with the sum of its interconnected absorption components.
- It is a damping system that contains no-metal elements such as rails, profiles, plates or supports avoiding damages on people and vehicles.
- Guarantee of safety even with the biggest impacts on roads.
- A perfect life saver.
- Unpenetrable shock absorber.

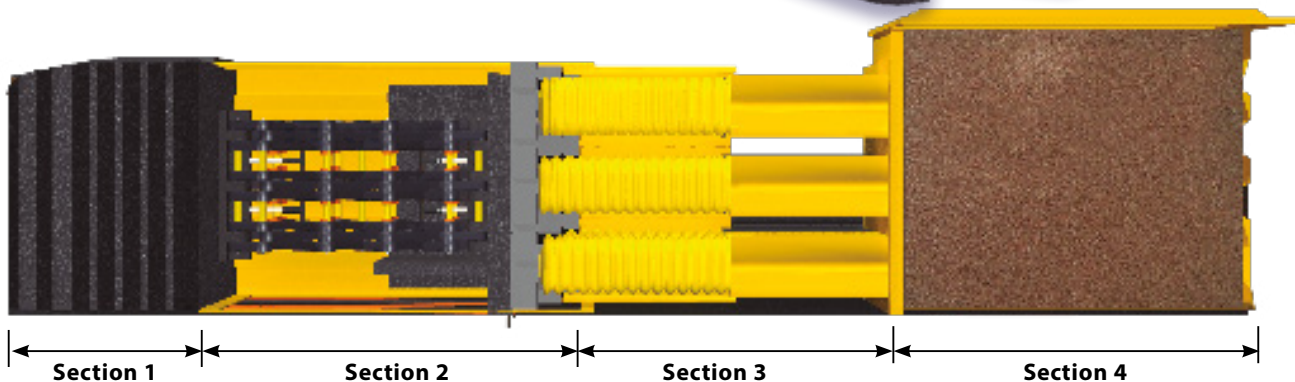


### COMPOSED BY FOUR SECTIONS:

- Section 1:** Absorbs the impact through a flexible cushioning section, built with Vitem-flex® panels. Auto solar light at front with 4 flashing modes and rechargeable batteries.
- Section 2:** System of retractable scissors that continue absorbing energy of impact mechanically through the integral use of all its components.



**VIDEO AVAILABLE - ASK FOR IT**



- Section 3:** Designed to absorb the residual force of the impact pneumatically, consisting of 6 bellows-type air pockets that compress air gradually and deflates in a controlled way.
- Section 4:** Polyethylene container, filled with sand is the final ballast of the entire device.
- Complies with regulatory standard NOM-008-SCT2-2013.
- You can integrate sections of Roll Defender aside to protect device's flanks.

#### Measure:

Length: 21 ft 8.62 in.  
Height: 4 ft 11.05 in.  
Width: 5 ft in.

**Color:** Yellow or Black.



**Reflective:** White or Amber.





# IMPACTOR ABSORBERS

## Absorb 460 TCIA Code: ABSORB-460

- Vehicle protection system on medium speed roads.
- Composed of a set of modules to integrate different lengths and damping capacities.
- The **Triple Container Impact Absorber TCIA** system consists in same number of shock absorbers one inside another and another forming a module.
- The third inner container (flexible) is filled with water up to 80% of its capacity.
- The two inner containers must be filled of water with a safety valve, perfect sealed, leaving just 10 cm free, so the liquid can move in case of impact.
- The safety valve prevents the loss of water by evaporation, when the ambient temperature drops, the steam condenses and the water recovers its original volume, so it is not necessary more water and reduce maintenance.
- The Impactor module has a solar power lamp with 4 flash sequences and rechargeable batteries.
- Complies with regulatory standard NOM-008-SCT2-2013.

### Measure:

Impactor Module  
Length: 2 ft 6.49 in.  
Width: 3 ft 1.40 in.  
Height: 4 ft  
Capacity: 121.69 gal.

(460 liters)

### Measure:


Universal module  
Length: 2 ft 3.16 in.  
Width: 3 ft 1.40 in.  
Height: 2 ft 10.64 in.  
Capacity: 82.01 gal


(310 liters)

## The all new Triple Container Impact Absorber TCIA (Pat. Pending)

### Measure:

Module 1  
Effective Length : 2 ft 3.55 in.  
Width: 3 ft 1.4 in.  
Height: 2 ft 10.64 in.  
Capacity: 89.94 gal (340 liters)

Colors: Yellow or Blue. 

Reflective: White. 



## Absorb 940 TCIA

Code: ABSORB-940

- Device designed for prevention in high-speed and heavy vehicles traffic roads.
- The new **Triple Container Impact Absorber TCIA** technology increases energy absorption power at the very "moment" of impact. First module transmits force to a second one inside the first, and this, to a third, also inside.
- When a vehicle hits the modules, the water travels in the free space that remains in each tank, slowing the vehicle down in a controlled and safe manner. Each deposit requires a precise water level.
- Contents a safety valve (diameter 3.93 in.) for perfect fill and seal.
- Also includes an automatic solar lamp at the front with 4 flash modes and a rechargeable battery pack.
- No maintenance required. No water evaporation losses.
- Complies with regulatory standard NOM-008-SCT2-2013.

### Measure:


Impactor Module  
Length: 3 ft 1.79 in.  
Width: 4 ft 1.21 in.  
Height: 4 ft 7.90 in.  
Capacity: 248.67 gal.

### Measure:

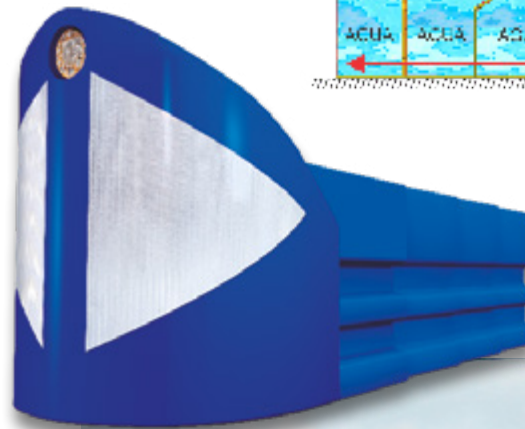
Module 1  
Effective Length: 2 ft 4.52 in.  
Width: 3 ft 2.97 in.  
Height: 4 ft 1.21 in.  
Capacity: 203.7 gal

### Measure:

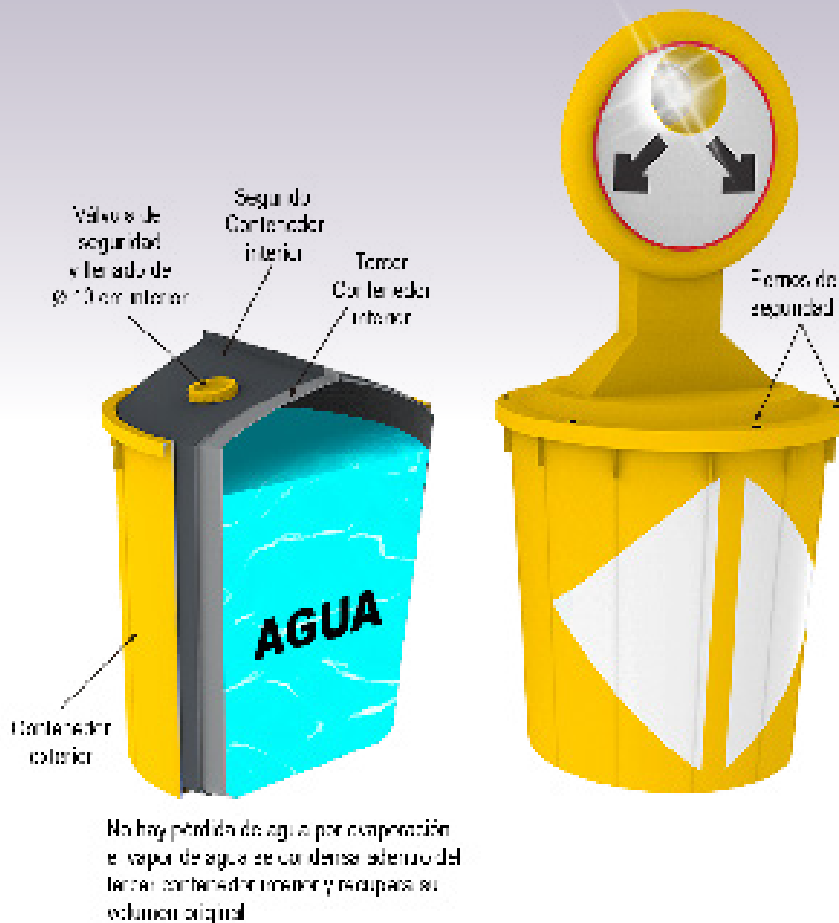
Universal module  
Length: 2 ft 5.52 in.  
Width: 4 ft  
Height: 3 ft 2.97 in.  
Capacity: 177.24 gal.

Colors: Yellow or Blue. 

Reflective: White. 



## The all new Triple Container Impact Absorber TCIA (Pat. Pending)



## Absorb 400 TCIA

Code: ABSORB-400

- The all new **Triple Container Impact Absorber TCIA** is integrated by a main module and a group of universal modules.
- It is used in blades of entry and exit of high-speed roads and roads, mainly to protect structures such as bridges, posts and vertical signs.
- Each module has a container with a capacity of 105.82 gal. Which houses inside the second flexible container which in turn has a third flexible container inside.
- The inner containers are filled with water up to 80% of their capacity leaving 20% of empty space (without water) so that the water can move inside the containers when the module is impacted.
- The protection provided by the outer container with the inner containers creates a barrier that prevents the sun's rays from penetrating, preventing the formation of bacteria in the water, so that the water can be preserved for years without having to change it.
- The inner containers are sealed tightly thanks to a safety and filling valve, in this way, when it is hot the water evaporates inside the third inner container without leaking water vapor, when the temperature drops overnight, the steam it condenses and the water recovers its original volume.
- The outer containers of the Absorb 400 have 12 structural reinforcements that increase the strength of the containers.
- The main module has a lamp with 4 flash sequences, powered by solar cells that is visible at a great distance.
- As a complementary element, it is recommended to integrate a group of flexible milestones that, when hit, do not harm vehicles but generate a strong signal.
- audible warning.
- The main module has space to label the signals with Reflective film.
- The lids of the outer containers are fixed with safety bolts that prevent detachment due to wind or vandalism.
- Based on the space available at each point, a greater number of universal modules can be integrated to reach Containment Level NC-3 in accordance with Standard NOM-008-SCT2-2013.
- Safety valve for fill out and sealed: 3.93 in.



### Measure:

#### Module

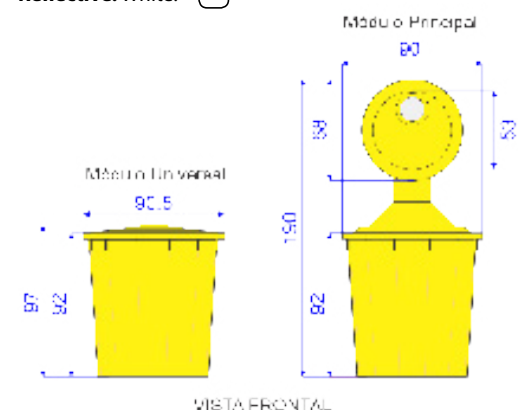
Height: 6 ft 3 in.  
Diameter: 3 ft  
Capacity: 105.82 gal.

#### Universal module

Height: 3 ft 2.18 in.  
Diameter: 3 ft  
Capacity: 105.82 gal

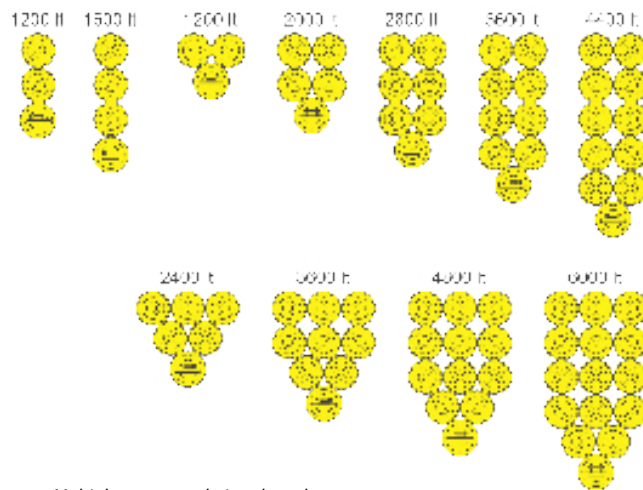
Color: Yellow.

Reflective: White.

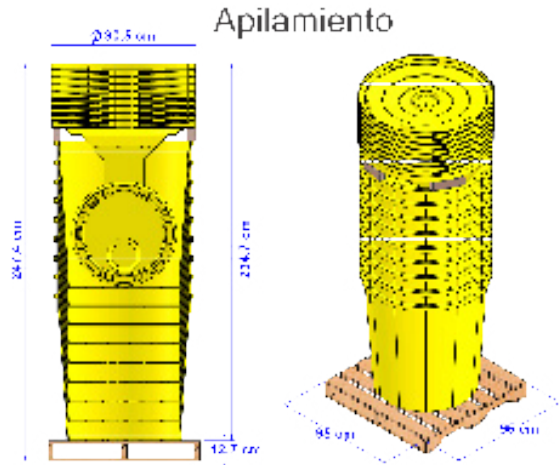




# IMPACTOR ABSORBERS



Multiple accommodations based on space available and at the Containment Level required.

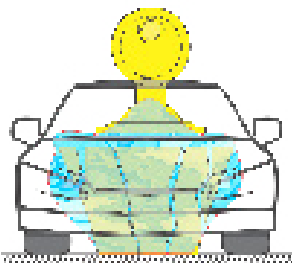


Stacking of 1 Main Module and 8 Universal Modules (952.38 gal) On a plat-form of 37.4 in. x 37.4 in. to be transported by trailer or container.



•The "Absorb 400 TCIA The **Triple Container Impact Absorber TCIA** system consists of modules composed of an external polyethylene container that incorporates the second flexible container and also a third flexible inner container.

•The third container is filled with water up to 80% of its capacity and well sealed thru a safety valve (3.93 in. diameter), leaving 20% of empty space so water can move when module is impacted.



•When a vehicle hits the Absorb 400 TCIA system, the outer container is deformed and crushed or broken by exerting pressure on the two flexible inner containers.

•Water travels in container's empty space increasing the contact surface and absorbing the "momentum" of the vehicle, if the outer container is broken, the interior are molded to the vehicle and continue absorbing impact; at the same time the main module moves in the direction of impact and exerts a push on the universal modules behind them causing the same water displacement effect inside each module, in this way the force of impact dissipates through each module.



•Subsequent modules continue a chain reaction damping effect that slows the vehicle in a controlled and safe way.

•Based on container level required at each point, more universal modules can be added.

# IMPACTOR ABSORBERS

## Absorb 190 TCIA Economic

Code: ABSORB-190



- Protective element to be placed in dangerous points on medium speed roads or used as a warning signal in uncovered sewers.
- With **Triple Container Impact Absorber TCIA** system that uses water container modules as ballast and damping element.
- Each module is integrated by an outer container, with a second and a third flexible container inside.
- With safety valve (diameter 3.93 in.) to fill it with water for once and therefore to keep sealed with no liquid losses by evaporation.
- Great protection at a low cost.
- It has reflective bands for enhanced visibility.
- Transferable shock absorber.
- Complies with regulatory standard NOM-008-SCT2-2013.

**Measure:**

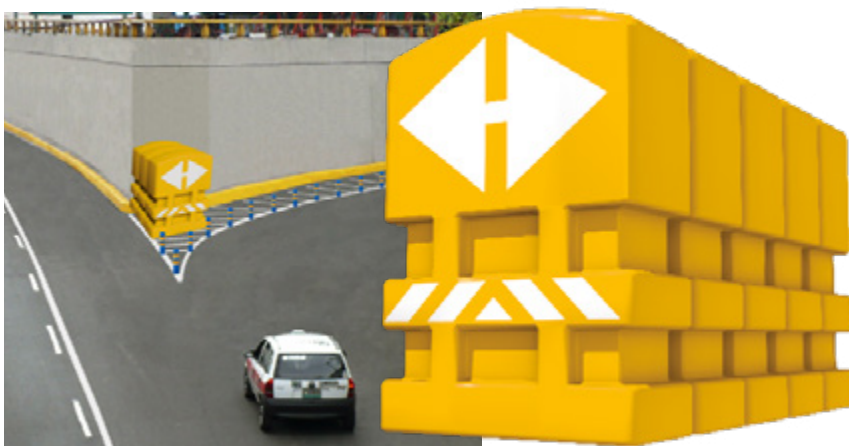
Diameter: 2 ft, Height: 3 ft, Capacity: 404.25 gal

**Colors:** Yellow or Blue. ☒ ☐

**Reflective:** White, Red or Amber ☐ ☒ ☐

## Impactor TCIA I-890

Code: I-890



- Shock absorber with **Triple Container Impact Absorber TCIA** is recommended to be placed in deviations, blades, exits and traffic merges in highways or underpasses, etc.
- They are filled with water up to 80% of their capacity.
- (Optional) arrows and bands of reflective material.
- They are assembled in buffer groups of 3, 6, 9 or up to 12 modules depending on the level of protection required.
- Complies with Standard NOM-008-SCT2-2013.

**Measure:**

Length: 2 ft 10.84 in., Width: 1 ft 2.76 in., Height: 4 ft.

**Color:** Yellow. ☒ **Reflective:** White. ☐

## Master Impact Absorber

Code: DT-144



- Modern shock absorber to be placed in deviations or entrances, formed by modules where increased protection its needed.
- To increase the level of resistance just fill it with water or sand.
- Includes lower cap for drain.
- Option to put photovoltaic cell and sensor for night auto-lighting.
- Transferable shock absorber.
- Complies with regulatory standard NOM-008-SCT2-2013.
- Made out in medium density polyethylene.
- Just fill it once and it will not have water losses therefore.

**Measure:**

**Front Impactor:**

Length: 3 ft, Width: 1 ft 9.25 in., Height: 4 ft 8.69 in.  
Capacity: 31.74 gal

**Universal Module:**

Length: 5 ft 7 in., Width: 1 ft 9.25 in., Height: 2 ft. 8.28 in.  
Capacity: 21.16 gal

**Color:** Yellow. ☒

**Reflectives:** White and black. ☐ ☒



# IMPACTOR ABSORBERS



## Trailer with Air Impact Absorber

**Code: RE-1000**

- Safety trailer for slow utility trucks like sweepers, cranes et al.
- Manufactured in integral Hollow Rod structure of 21/2 "x 21/2".
- Four 31 "x 10.5" all-terrain tires, rin 15.
- Medium density polyethylene bumpers with Reflective and inner bands with flexible padding.
- Air cushions for impacts.
- Special freighter for trailers.
- 1,800 liter container.
- Set of 2 axles to support 7,000 lbs., 2.4 m platform, an 85 "track (wheelbase: 33,250").
- Four spring packages with four 13/4 "blades.
- Coupling connectors for electric brakes.
- (Optional) A 264.55 gal plastic water tank (1000 l.)
- Structural grid reinforcement with plug inlet nozzles, 1 per side and 2 tank discharge outlets.
- Directional traffic lights stop and reverse.
- Telescopic bumper support in PTR Green.
- Spare tire.
- Forged pull, weldable 3 " chassis for 12,500 lb drag ball.

## Vitemflex® Impactor Trailer

**Code: REV-1000**

- Option with bumper made of Vitemflex®, Reflective lines and reinforced inside.



### Measure:

Length: 16 ft 3.66 in.

Height: 7 ft 7 in.

Width: 7 ft 10.48 in.

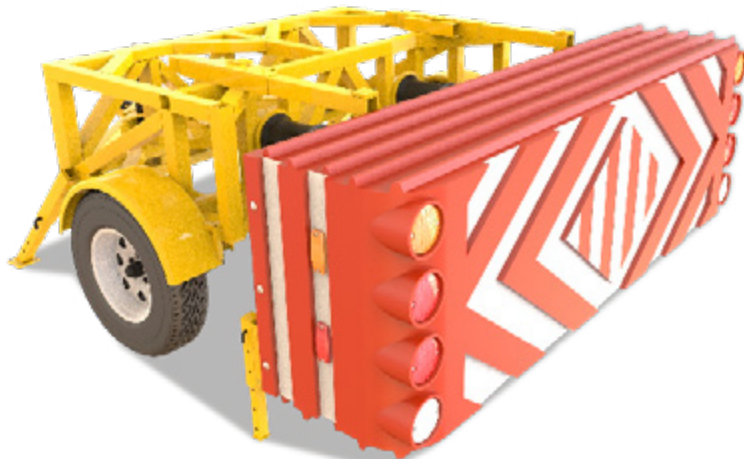
**Color:** Orange.

**Reflective:** White or Amber.

## Impact Reducer Trailer 245

**Code: REM-245**

- Safety trailer manufactured in integral PTR structure of 21/2 "x 21/2" Cal. 10 (3.4 mm).
- Shaft to support 3,500 lbs. (1,587.6 kg).
- Two 15 "wheels of 5 bolts.
- Two wheel rims 15 "700 -15.
- Two 4 leaf springs.
- Medium density polyethylene bumpers and reinforced with polyurethane inside.
- Directional traffic lights, stop and reverse.
- Telescopic bumper support in PTR of 21/2 "x 21/2" Cal. 10 (3.4 mm).
- Forged pull, 25/16 "welded chassis for 5,000 lbs drag ball. (2,268 kg) with safety chains.
- Prepared to feed through the alternating current of the vehicle that towed it.
- It has a mechanical jack for better handling.
- Minimum maintenance to the trailer.
- Option to carry an arrowhead or electronic board.



### Measure:

Length: 11 ft 5.79 in.

Height: 3 ft 7.30 in.

Width: 8 ft

**Color trailer:** Orange.

**Structure:** Yellow.

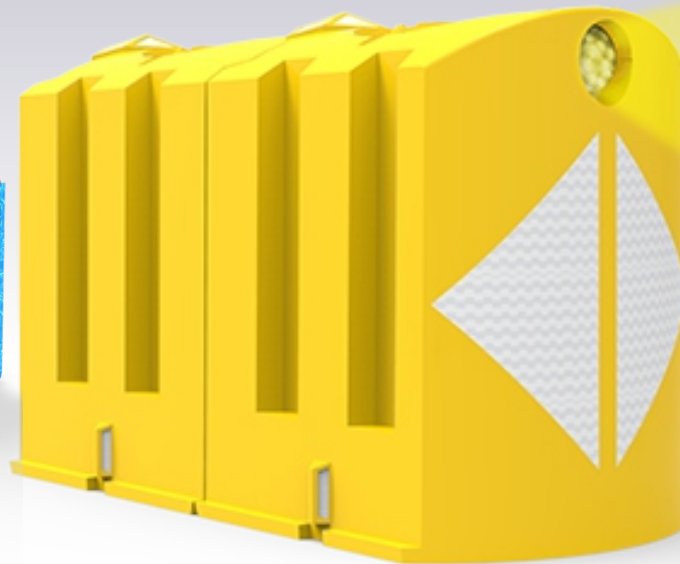
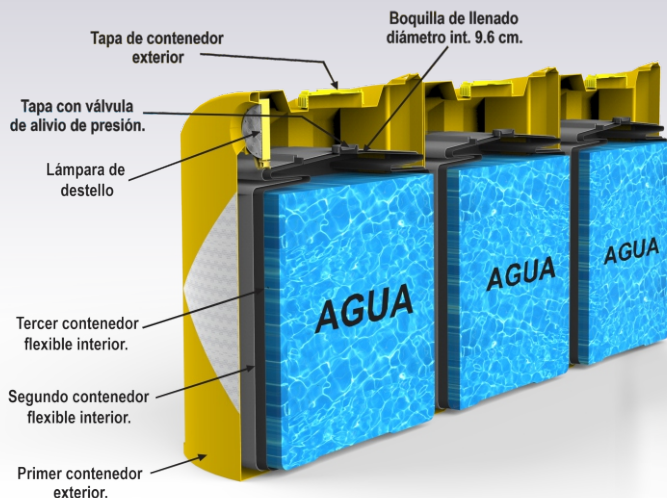
**Reflective:** White or Amber.

## How Absorb 130 works?

### Absorb 130 TCIA

Code: ABSORB-130

## Our new Triple Container Impact Absorber TCIA technology (Pat. Pending)



- **The all new Triple Container Impact Absorber TCIA technology (Pat. Pending)**

- Composed by a main module and a group of universal container modules.
- Non metallic parts inside for enhanced security.
- The triple container modules are:
  - One exterior plastic container (made out by rotomolding).
  - 2 inner flexible plastic containers with high resistance to tear or pinching.

-Hermetic seal top cap with security pressure relief valve.

-No water refill is needed because there is no water losses by evaporation.

In normal scenarios it operates without any maintenance.

-Is recommended to protect the TCIA system with a solid lateral plastic intrusion reinforce.

For better operation it has three optional elements: -

- The Confi-bici luminous Stud (code: BI-COVI-L)
- The Baliza Brio 105 (code : BBRI0-105)
- Poliflexy® 76 Bollard (code ITO-PF-76)

• The Absorb 130 TCIA is composed by a main front container module and two Universal Modules. Adding more universal modules you can reach the regulatory standard Contention Level NC-3 according with NOM-008-SCT2-2013.

• Modules are bonded with a system specifically designed for resist and maintain them together at the impact moment.

- **Also with the new Triple Container Impact Absorber TCIA technology**

Every module is integrated by an exterior container and a two more inside. The exterior module keeps the other two flexible containers inside and its filled with water just at 80% of its capacity.

-The ABSORB 130 TCIA is the first high speed road option because it protects lifes and also infrastructure like bridges, tollboths, posts, trees, etc. Absorbing the "momentum" of the impact force and reducing vehicle speed in a controlled and safe way, also helping in minimizing the gravity of human harms in this kind of accidents.

-The external containers of each module are made out of half density polyethylene with UV protection.

. The main module has in its front a solar powered flash lamp with four operation modes. Very visible at long distance.

•The flexible interior containers has a security valve (3.93 in.) for easy fill of the tank and hermetic seal. Its materials also guaranteed no damages even large solar exposition.

#### Measures:

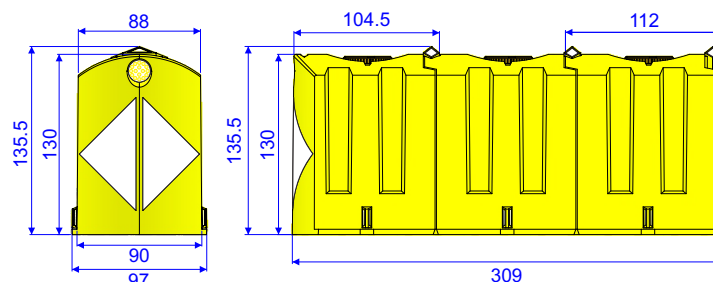
**Main Module**  
Length : 3 ft 5.14 in.  
Width: 3ft 2.18 in.  
Height: 4 ft 5.34 in.

#### Universal Module

Length: 3ft 8.1 in.  
Width: 3ft 2.18 in.  
Height: 4 ft 5.34 in.

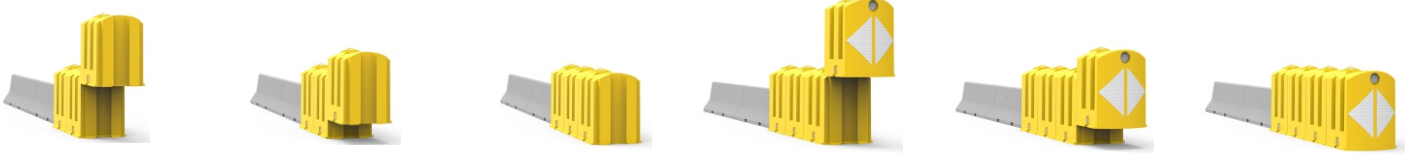
**Body Color:** yellow

**Reflexive:** white

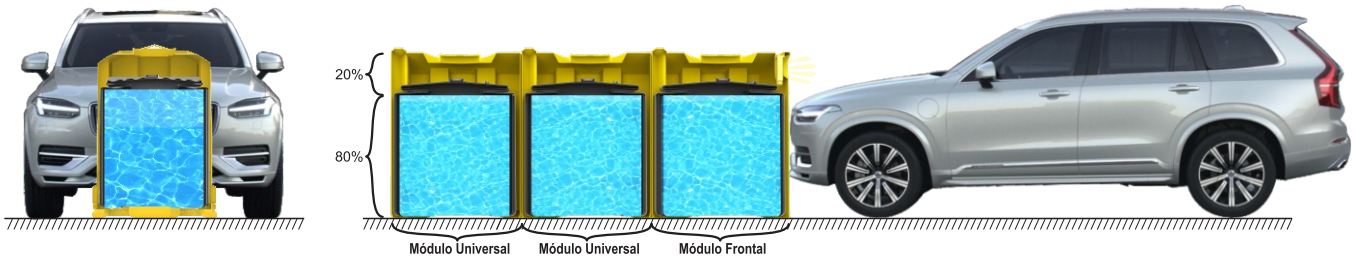




# IMPACTOR ABSORBERS

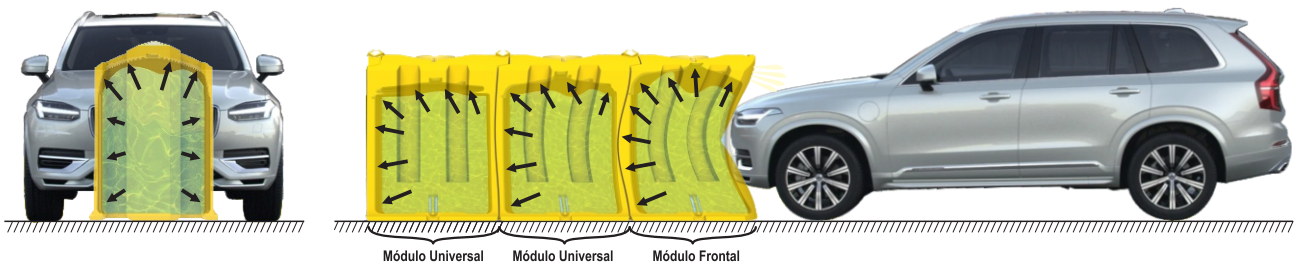


①



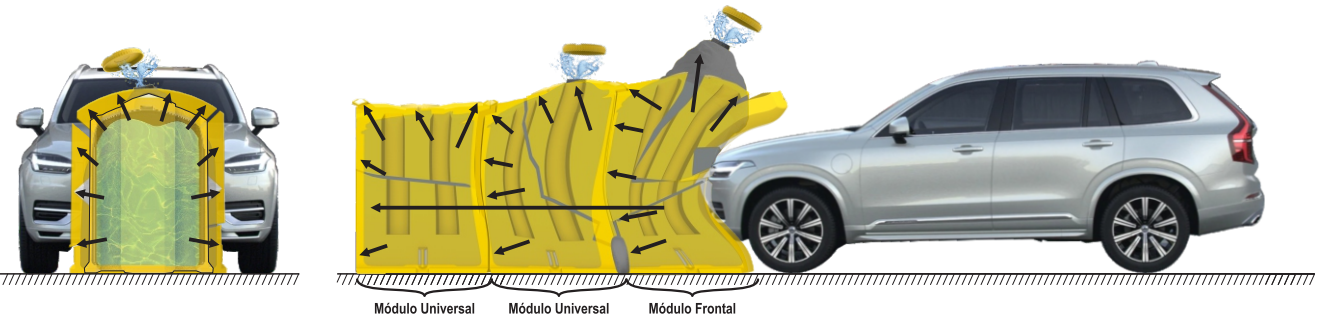
The complete triple module flexible containers (TCIA) arrangement fills with enough water at an 80% of the exterior container capacity. Then the set is tapped. The remanent air is extracted out from each flexible inner container. They modules are filled up with water through a 3.93 inches security valve and well sealed after this operation.

②



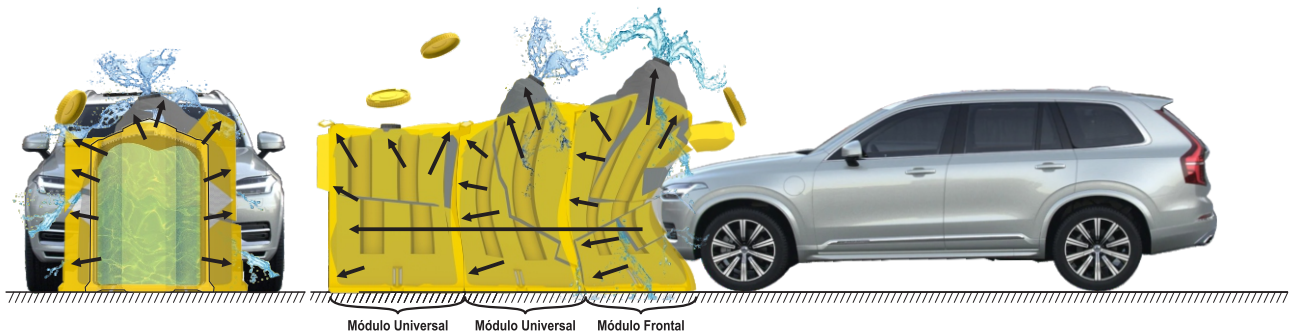
The cushion effect begins from the very first moment when the vehicle crash with the front module. The most exterior container can rip or deforms, while the inners flexible containers collapse and the water inside them moves and causes the containers took the front car shape.

③



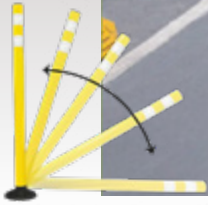
If the impact is big enough and cross a limit, then the relief security valve opens and let the water flow out in a controlled manner, releasing water pressure. The contact time between the vehicle and the TCIA extends (talking in microseconds terms).

④



If the impacted vehicle rips the container arrangement, then the water runs out thru the prepared holes, relieving another part of water pressure, so impact absorption effect is augmented.

# TRAFFIC BOLLARD BALIZA



## Brio 105 Traffic bollard baliza

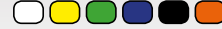
Code: BBRIO-105

- Traffic bollard to channel vehicular flow or to distribute lanes space
- Ideal for signaling high speed track entrances and exits.
- Folding system without metal parts.
- Resist impacts and recover its original form
- Body made of medium density polyethylene.
- Base made of engineering plastic.
- Reflective prismatic engineering grade.

### Measure:

Height: 4 ft 7.53 in.  
Diameter tube: 2.36 in.  
Diameter base: 7.08 in.

**Colors:** White, Yellow, Green, Blue, Black and Orange.



**Reflective:** White. ☐

## Brio 105 Palette

Code: PBRIO-105

- Folding palette with ample space for advertising on one or two sides.
- Folding system that returns to its original form.
- Surface for signs mounted on a Brio 105 baliza

### Measure:

Height: 4 ft 7.53 in.  
Width: 9.84 in.  
Diameter base: 7.08 in.

**Collapsible body colors:** White, Yellow, Green, Blue, Black and Orange.



**Label space:** White. ☐



## Brio 1000 & Brio 1000-Plus Traffic Bollard

Codes: BBRIO-1000, BBRIO-1000-Plus

- The Brio 1000 is a traffic delineator tube with flexible body and high resistance to impacts or run over.
- Designed to channel the flow of vehicles, limit lanes or to signal entrance or exit on high-speed roads.
- Folding system without metal parts that allows it to return to its vertical position after an impact or run over.
- Body of Brio 1000 made of Poliflexy® (several colors).
- Brio 1000-Plus Body made of flexible engineering plastic, highly resistant to wear.
- Base made of high strength engineering plastic.
- With U.V. protection.
- Its conical design at the bottom prevents them from being ripped off with the lower part of the vehicles.

### Measure:

Height: 3 ft 3.37 in.  
Diameter tube: 4.17 in.  
Diameter base: 7.8 in.

**Colors Brio 1000:** White, Yellow, Orange, Green or Blue.



**Color Brio 1000 Plus:** Black. ☒

**Reflective:** White. ☐



BBRIO-1000



## Bulldog Barrier S70

Code: BB-S70

- Innovative road barrier made of high molecular weight polyethylene.
- With 5 chevron arrows at the bottom is useful to communicate road's way.
- With 4 Reflectives bands by side.
- New registered **light-catcher** technology according with the IMPI N° MX / f / 2019/002141.
- A several Bulldog Barrier arrangement can take any form.
- The new assembly system makes it easier to cover larges confinements with less units and capable to support any weather condition.
- Assembly system registered with the IMPI.
- One of the most economical barriers in the market.
- They can be filled with water or sand to increase its wind resistance.

### Measure:

Length: 5 ft 4.96 in.

Height: 2 ft 3.55 in.

Width: 1 ft. 2.17 in.

Color: Orange. ☒

Reflective: White. ☐



## Barrier S81

Code: B-S81

- The new assembly system of the barrier S81 facilitates large chains made of them with special solidness on bonds.
- The triangular shape of the side reflective bands increase their visibility.
- With reflectives arrows to give a sense of direction.
- If you want to increase the weight and strength is filled with water or sand.
- Made of high molecular weight polyethylene.
- Very economical

### Measure:

Length: 5 ft 4.96 in.

Height: 2 ft 7.49 in.

Width: 1 ft 2.17 in.

Color: Orange. ☒

Reflective: White. ☐



## Baby Barrier BBS-100

Code: BBS-100

- On each side you can carry up to 8 Reflective zones (optional): 3 chevrons that indicate the direction of circulation, 1 horizontal strip along the entire top and 4 lateral Reflective surfaces.
- Register number: IMPI N° MX / f / 2019/002141.
- Modular design with crimp system (male - female) allows perfect coupling to join barriers forming straight or curved paths.
- With a lower bridge that impede puddles and also prevent the barriers from being dragged by water in case of heavy rain.
- Lightweight, easy to transport and install.
- One-piece body made out of high molecular weight polyethylene that ensures a long service life.

### Measure:

Total Length: 3 ft 8.88 in.

Length: 3 ft 3.37 in.

Height: 2 ft 5.52 in.

Width: 1 ft 7.68 in

Color: Orange. ☒

Reflective: White. ☐

**Registered number**  
**IMPI MX/f/2019/002141**



# ROAD SAFETY PLASTIC BARRIERS



## Tubular Barrier

Code: BA-TUB-157

- The best and most competitive barrier.
- It is the perfect accessory to isolate or cordon off multitudinarian events, also useful in work areas.
- Its tubular design enhance performance and resistance.
- Perfect assembly system which prevents them from being separated in case of slight impacts. Allows curves or straight lines to be formed if its necessary.
- It has two rotating legs that have the option of being light or filled with sand to give it greater stability.
- The legs turn 90° to save space for storage & transport.
- Made of height molecular weight polyethylene, the most resistant.
- With signage dedicated area or for advertising messages.

### Measure:

Length: 5 ft 1.81 in.

Height: 3 ft 5.73 in.

Width: 1 ft 7.68 in

Colors: Orange, Black, Blue & Yellow.



## Multi-purpose Barrier

Code: BA-MUL-1500



- The multi-purpose barrier its easy to cordon off or isolate zones in a safer way than using heavy metal barriers.
- Is versatil, also can be used in road works or maintenance areas.
- Body free of sharp edges.
- Resists shocks.
- Easy assembly system to form chain curves or straight lines as required with several units.
- It has two legs which can be turned 90° to storage & transport.
- With blank space for advertising.
- With light legs for filled with sand or water.

### Measure:

Length: 5 ft 1.81 in.

Height: 3 ft 3.56 in.

Width: 1 ft 7.68 in.

Colors: Blue, Orange, Black ,Yellow.



Reflective: Yellow & White.



## Classic Barrier 110

Code: B-110

- Minimum maintenance barrier ideal for use in deviations, road works or any repair.
- 4 arrows with reflective in low relief per side to inform direction to drivers.
- You can optionally carry lower Reflectives increase visibility.
- Allows the passage of water through the bottom.
- Made of high molecular weight polyethylene.

### Measure:

Length: 4 ft 1.21 in.

Height: 3 ft 1.79 in.

Width: 2 ft 1.98 in.

Colors: Yellow , Orange.



Reflective: White , Amber.






## Diamond-S Barrier


Code: BDS-174

- Barrier made out of polyethylene of high molecular weight, resistant to impacts and weathering.
- One of the most economical barriers in market.
- Its two side arrows in low relief make it visible from all directions with minimal illumination.
- Measure suitable to create restricted zones in work or maintenance areas.
- Innovative and resistant hook system that facilitates assembly.
- It can be filled with water or sand to increase weight.

### Measure:

Length: 5 ft 8.11 in.  
Height: 2 ft 9.46 in.  
Width: 1 ft 6.89 in.  
Length útil: 5 ft 1.81 in.

Color: Orange. 

Reflective: White or Amber. ☐ 



## Barrier S-2016

Code: S-2016

- Barrier made of polyethylene of high molecular weight, impacts and weathering resistant. Its long life assures cheap replacements.
- It carries a Reflective area per side that is embedded in a trapezoidal shaped cavity oriented in relation to the vision of the drivers, plus four lower areas for optional Reflective placement, ensuring that the barrier is never lost sight of long or short distance.

### Measure:

Length: 5 ft 6.14 in.  
Height: 2 ft 9.85 in.  
Width: 1 ft 10.04 in.

Color: Orange. 

Reflective: White or amber.



## Madrid Barrier


Code: BS-115

- Special barrier for use in road works or repairs on avenues and roads.
- Appropriate dimensions for transport and place it easily.
- With option to carry reflective zones at the bottom to increase visibility.
- Made of high strength molecular weight polyethylene.

### Measure:

Length: 3 ft 9.27 in.  
Height: 2 ft 0.80 in.  
Width: 1 ft 5.71 in.

Color: Orange. 

Reflective: White or Amber. ☐ 



# ROAD SAFETY PLASTIC BARRIERS



## Roadweiler-60 Barrier

Code: BSR-60


- Economical and resistant barrier used as a channeling or lane separator in work areas and roads.
- With assembly system to keep them together that allows to form curves or square fences.
- Refillable with water to give weight and increase protection.
- Option to add a post to increase visibility.
- Made out of the most resistant high molecular weight polyethylene

### Measure:

Length: 4 ft.

Height: 2 ft

Width: 1 ft 3.74 in.

Color: Orange. 

Hito: Yellow. 



The barrier is fully secured preventing them from collapsing.

Security pin to reinforce bonds (optional)



## Perry 1500 Barrier

Code: BA-1500

- Adequate barrier to contain crowds at concerts, demonstrations or for restricted areas.
- Anchoring system that holds them tightly together.
- Because of their height and shape its difficult to jump.
- It can also be used as a central barrier in road works functioning as an excellent anti-glare.
- It has two low relief chevrons visible from three different angles.
- Water added to the level mark make it heavier.
- Made out of medium density polyethylene with U.V.

### Measure:

Length: 4 ft 11.05 in.

Height: 4 ft

Base width: 1 ft 4.92 in.

Colors: Yellow, Orange.  

Reflective: White, Amber.  



## Roadweiler Barrier

Code: BP-130

- Its main quality is to be fully stackable which means up to 90% savings in transportation and storage costs. Easy to install.
- With an assembly system that allows several barriers to join together and form quadrilaterals or circles.
- To increase the weight just add sand to the level marked.
- Made of high density polyethylene with U.V.
- An option for temporal or fixed isolation or or channeling roads & highways. Its recommended to use the ROADWEILER CONVOY configuration from 3 to 5 barriers for better results.

### Measure:

Length: 4 ft 3.18 in.

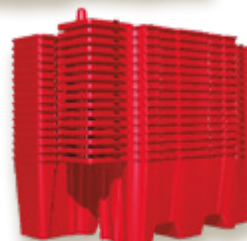
Height: 2 ft 7.88 in.

Width: 1 ft 3.74 in.

Color: Red. 



Convoy Roadweiler  
Code: CO-RW-130



100% Stackable!



# ROAD SAFETY PLASTIC BARRIERS

## Galaxy Barrier

Code: BGP-145

- High-rise barrier used to channel traffic of vehicles and people, create restricted areas and also used as channelizer.
- With lateral shark fin that guarantees the bond and assembly system to form curves or straight.
- It can be ballasted with water or sand to increase weight and stability.
- Made in a single piece of medium density polyethylene with U.V. protection.
- With ample spaces for signs.

### Measure:

Length: 4 ft  
Height: 4ft 9.08 in.  
Width: 1 ft 3.74 in.

### Colors:

Orange , Yellow.



## Diamond Barrier

Code: BD-174

- Barrier designed with the latest hi-tech reflective technology.
- Ideal to limit, signal and protect work areas in cities and roads.
- Reflective system consisting of two low relief chevrons of prismatic geometry which create an incredibly visible reflective effect from all angles wherever its receive light.
- As an additional accessory, it has a reflective arrow plug.
- It has an effective assembly system.

- If you want to increase weight and strength, fill it with water or sand.
- Made of medium density polyethylene with U.V. protection.

### Measure:

Length: 5 ft 0.23 in.  
Height: 2 ft 9.46 in.  
Width: 1 ft 11.03 in.

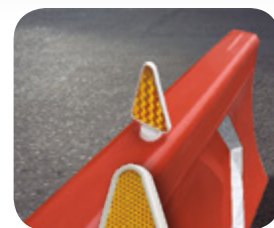
### Colors:

Orange , Yellow.



### Reflective:

White or Amber.



## Secure Arrow

Code: FSB

### Measure:

Length: 4.72 in.  
Height: 8.85 in.  
Base: 2.48 in.

Reflective: White or Amber.



## B-199 Barrier

Code: B-199

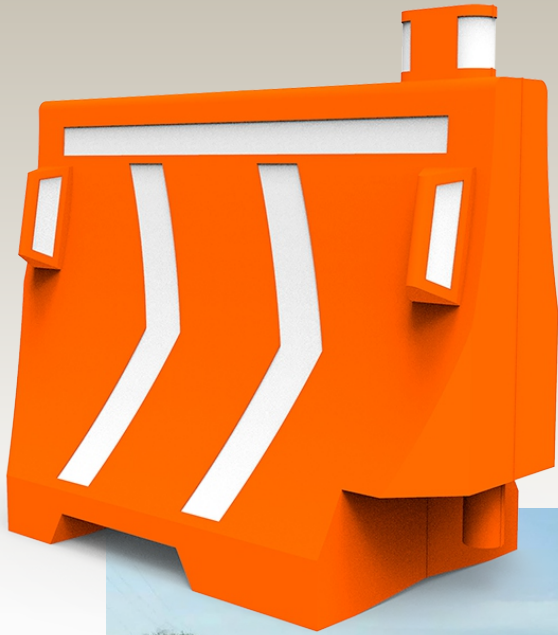
- The barrier that saves transport and storage costs less than others.
- Design for easy stacking.
- Useful as lane separators in deviations, repairs and road works.
- Optional wheels to improve mobility.
- Made of medium density polyethylene with U.V.

### Measure:

Length: 6 ft 6.34 in.  
Height: 3 ft 1.40 in.  
Width: 2 ft 1.98 in.

Color: Orange.





## Baby Barrier 100

Code: BB-100

- This barrier has a special small size.
- Perfect body fits with the requirements to channelize vehicles and people traffic, also for limit any area or for surround safe zones.
- Was designed with 7 reflectives areas for a better a visibility from long distances (optional).
- The light-catcher in the top protuberance made this a unique traffic device to be seen from any angle.
- The perfect bond system avoid separation between them in in case of slight impacts so you can form curves or straight rows as you need.
- Made out in one piece of polyethylene.
- With a bottom bridge for water down pass.
- To increase its weight, stability and contention level it can be fill-in with water or sand.

### Measure:

Functional length: 39.37 in.

Total length: 44.48 in.

Width: 19.68 in.

Height: 29.52 in.

Color: Orange. ☒

Reflective: Yellow or white ☐



## Blowed Mini Barrier

Code: RS-100

- Lightweight barrier that can be ballast with sand or water to mass and stability
- With a perfect body to deviate vehicle and people traffic and also ideal for create restricted zones o limit forbidden areas. Its seven cavities by side admits reflective film to make safer streets or to be put in places with difficult visibility conditions (reflectives are optional).
- Bond system male-female for enhanced resistance with strong crimp make this barrier model one of the better choices to make curves or straight lines with them.
- Made out in one polyethylene piece.  
More easy to transport and install .  
With a bridge at the bottom as a water currents prevention.

### Measure:

Functional length: 40.15 in.

Total lenght: 45.66 in.

Width: 19.68 in.

Height: 29.52 in.

Colors: Orange. ☒

Reflective: White , Yellow ☐





## Shadow Palette PS-650

Code: PS-650

- Anti-glare palette for two-way tracks.
- Available with 2 types of bases: one, for flat crest barriers and other, for curved crest barriers.
- 2 upper reflective bands, plus a lower rectangle placed at an angle of 90 ° in relation to the drivers, which makes it fully visible at night.
- Body made out of high density polyethylene with U.V.

### Measure:

Length: 8.77 in.  
Height: 2 ft 1.59 in.  
Width: 2.55 in.

Color: Green. ☒

Reflective: White or Amber. ☐ ☒



## Anti-glare Vial

Code: PA-132

- Due to its height, effectively fulfills the anti-glare function.
- Effective in curves and dangerous sections.
- Easy installation on central barriers.
- With high intensity type reflective circles.
- Made of medium density polyethylene with U.V. protection.

### Measure:

Height: 4 ft 3.96 in.  
Top width : 8.26 in.  
Inferior width: 11.02 in.

Color: Yellow. ☒

Reflective: White or Amber. ☐ ☒



## Anti-glare Palette

Code: P-ADS-62

- Modular anti-glare palette suitable for placing on concrete barriers.
- Each module consists of two anti-glare palettes, which saves installation time.
- You can wear reflective to increase your visibility at night.

### Measure:

Length: 2 ft 3.95 in.  
Height: 2 ft 0.40 in.  
Width: 5.31 in.

Color: Green. ☒

Reflective: White or Amber. ☐ ☒

## Roll Defender



- Roller system that absorbs the impact force of any vehicle in collision course through the controlled rotation of self-braking rollers that redirect the impact energy reducing deaths rate and/or the severity of injuries in car accidents on every road, high and low speed.
- The anchor posts are buried 4 ft 3 in. to give maximum fixation and resistance.
- 4"x 4" steel side profiles.
- The anchor posts and intermediate posts diameter is 4.5 in.
- All metal parts and hardware are hot-dipped galvanized, in accordance with SCT regulations.
- 2 roller options: PVC rollers mounted on medium density polyethylene wheels or made out of L.P. Flex®
- Upper or lower brakes of medium density polyethylene.
- Medium density polyethylene caps.
- Anchor posts with internal structural steel reinforcement with polymeric concrete.

## Simple Roll Defender

Code: RDS-267





- **Roll Defender Simple** excellent protection in cities and roads with low vehicle flow.
- 1 roller line, ideal for low speed tracks.

### Measure:

Length sections: 2 yds 2 ft 9.11 in. and 5 yds 4 ft 8 in.

Width: 1 ft 3.55 in.

Height: According to the roller lines number

**Reflective:** Amber or Orange.  



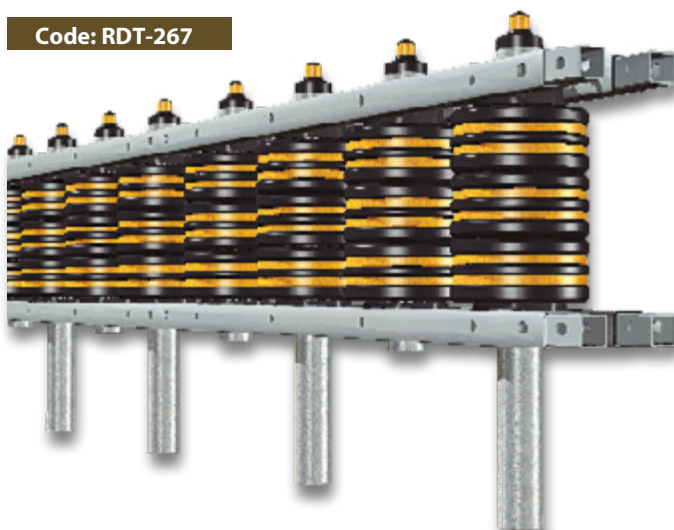
## Double Roll Defender

Code: RDD-267

- The **Double Roll Defender** is recommended for use on roads or highways where high safety standards are required for motorists. Its two roller lines resist impacts at high speed, reducing risks or injury or death considerably.
- Ideal for high speed roads.

## Triple Roll Defender

Code: RDT-267



- On roads with heavy vehicle traffic it is necessary to provide an adequate system to support the weight of large vehicles, so the Triple Roll Defender is the best option.
- With three roller lines that withstand heavy vehicle impacts, providing safety and protection to drivers, suffering minimal damage, but most important, saving lives.





# BARRICADES



## Barricade 66

Code: BA-66

- Product used in work areas or deviations where it is required to restrict access or where there is a greater risk for pedestrians or cars.
- Used to create advertising of all kinds in businesses, shopping malls, etc.
- Large area dedicated to your messages. or it may include reflective bands on one or both sides (optional).
- Made out of medium density polyethylene with U.V.

### Measure:

Length: 35.43 in., Height: 3 ft 11.24 in., Width: 15.74 in.

Color: Orange y Yellow.

Reflective: White, Amber, Red.



## Barricade 115

Code: BA-115

- Comfortable and modern barricade, suitable for use in construction areas.
- It can also be used to isolate lanes or create temporal deviations on roads or avenues.
- The base can fill with sand to make it heavier.
- Can carry 3 to 6 reflective bands.
- Made out of medium density polyethylene with U.V. protection.

### Measure:

Height: 3 ft 9.27 in., Diameter lower segment: 6 in. Diameter base: 13.85 in.

Color: Orange.

Reflective: White, Amber, Red.

## Protection Barrier

Code: B-180

- The most used barrier to confine or channel the traffic of cars or people in areas of risk or work.
- Downtown use to close streets.
- Also for sanitary checkpoints.
- Easy to assemble
- Can include three reflective palettes or LED sign.
- Option to carry the logo of the municipality or city.
- Made of medium density polyethylene with U.V. protection.

### Measure:

Length: 19.29 in., Width: 18.89 in. Height: 5 ft 10.86 in.

Color: Blue.

Reflective: White, Amber, Red.



Con luz opcional



## Barricade Vista 150

Code: BA-VISTA-150

- Multi-message barricade.
- Excellent height and stability to be placed in parking lots, retail stores, taxis and bus stops.
- Also can be used as a warning signal in bicycle lanes.
- Optional light using advanced LED technology.

### Measure:

Palette: Length: 12.0 in., Width: 3.93 in. Height: 3 ft 9.47 in.

Base: Length: 21.06 in., Width: 14.96 in. Height: 10.03 in.

Color: Black (label space in any color).

# BARRICADES

## Barricade 110

Code: BA-110


- Barricade with two basemodels: Decor and Oval. Use to confine or divert traffic. Oval base is lighter and cheaper than Decor.
- The bases can be filled with sand to give them greater weight and stability.
- It can carry reflective bands or various messages.
- Made of medium density polyethylene with U.V.

### Measure Decor: Measure Oval:

Length: 24.01 in. Length: 20.07 in..

Width: 15.74 in. Width: 13.97 in.

Height: 4ft 2 in. Height: 4 ft

**Color:** Orange. 

**Base:** Yellow. 

**Reflective:** White, Amber or Red.



DECOR

OVAL



## Lightweight Mesh Roll

Code: CP-NA

- Mesh made of low density polyethylene.
- Special to confine areas under construction.
- In combination with the alignment post, it increases its tension by extending it.

### Measure:

Roll length: 10ft. Height: 4 ft

Roll weight: 20 lb.

**Color:** Orange. 



## Fantaflex Fan 147



Code: FAN-147

- The best option for replace dye cast sheet metal signs on road
- Made out of high resistant plastic material without sharp edges.
- Easy to maneuver, stack, transport and store.
- Includes refillable base with sand or water to increase weight and stability.
- Reflective bands for better visibility at night.



### Measure:

**Base:** Length: 21.06 in., Width: 14.96 in., Height: 10.03 in.

**Palette:** Length: 11.81 in., Width: 2.24., Height: 4 ft.

**Color:** Orange , Black.  

**Base:** Black 

**Reflective:** White , Amber.  





# BARRICADES



BSP-001

BSP-002

## Plastic Barrier

Code: BSP-001

Code: BSP-002

- Excellent preventive barrier to divert traffic on streets or roads, restrict access in work areas and also used for limit parking spaces.
- Light and easy to assemble.
- Good stability provided by cones with weight that support them.
- Presentations of one or two barriers.
- Made of medium density polyethylene with U.V.

### Measure:

Length: 7 ft 5.37 in.

Height: 3 ft 10.45 in.

Color barrier: Orange.

Barrier support: Yellow.

Traffic Cone: Orange (base black).



BMS-243

BMS-120

## A- frame barricade

Code: BMS-120

Code: BMS-243

- Plastic barrier for protection in road works or used as a warning and control signal in police and military checkpoints or in any type of event where it is required to confine specific areas.
- Easy to assemble, transport and store.
- Option to carry one or two barriers.
- Made out of medium density polyethylene with U.V. protection.

### Measure:

Easel: Length 2 ft 3.95 in. Height 3 ft 6.75 in.

Barrier: Length: 7 ft., Height 7.08 in.,

Thickness: 1.77 in.

Easel Color: Yellow , White.

Barrier Color : White.



## Barricade Tape

Code: CIN-PRE

Code: CIN-PEL

- Printed plastic tape with legend DANGER or CAUTION used to isolate areas in all cases.
- In case of any special legend only upon request.
- Made of low density polyethylene.

### Measure:

Roll: 333 yds 1ft 7.87 in.

Width: 3.14 in

Colors: Red , Yellow.



## Stainless Steel Athenea Bollard

**Codes:** BO-ATE-INOX-A / BO-ATE-INOX-F

- A very elegant stainless steel bollard
- Take elegance to any place.
- Integrated led feed by solar photovoltaic cell Automatic system it charges during day and works during all night.
- We have fixed and bending models (with retracting system in case of impact).

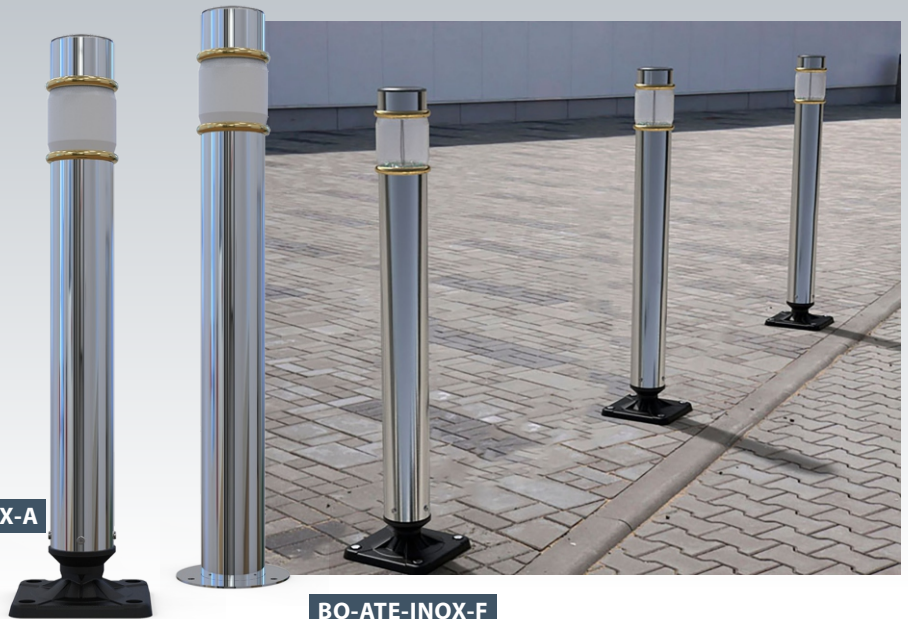
**Measure:**

Diameter: . 3.93 in.  
Height: 35.43 in.

**Color:** Stainless steel ☒

**Led Color:** White ☐

**BO-ATE-INOX-A**



**BO-ATE-INOX-F**

## Kira Stainless Steel Bollard

**Codes:** BO-KI-INOX-A / BO-KI-INOX-F

- Perfect bollard combines excellence and function
- High quality stainless steel
- Ideal to take elegance anywhere.
- Illuminated by high-end leds with photovoltaic solar cell, it charges during all day and turns on during night.
- Fixed and folding models (retractable in case of impact).

**Measure:**

Diameter: . 3.93 in.  
Height: 35.43 in.

**Color:** Stainless steel ☒

**Color de led:** White ☐

**BO-KI-INOX-A**



**BO-KI-INOX-F**

## Stainless Steel Tuscany Bollard

**Codes:** BO-TO-INOX-A / BO-TO-INOX-F

- Basic designed stainless steel bollard completely functional.
- Finished top in half sphere gives a special touch without sharpen edges potentially harmful .
- Folding and fixed anti-impact models, with retractable base system.

**Measure:**

**Diameter:** 3.93 in.  
**Height:** 35.43 in..

**Color:** Stainless steel ☒

**BO-TO-INOX-A**



**BO-TO-INOX-F**



# NEW BOLLARDS



BO-ATE-A



BO-ATE-F

## Athenea Stainless Steel Bollard

Code: BO-ATE-A / BO-ATE-F

- Elegant Stainless Steel design in this new bollard.
- Change any space with an exclusive touch.
- Each bollard's battery is charged by solar energy during day and turns on by itself in the very moment when natural light its diminishing.
- We have fixed and folding models (are reboundable and recover its original position in case of impact).

### Measure:

Diameter: 3.93 in  
Height: 35.43 in

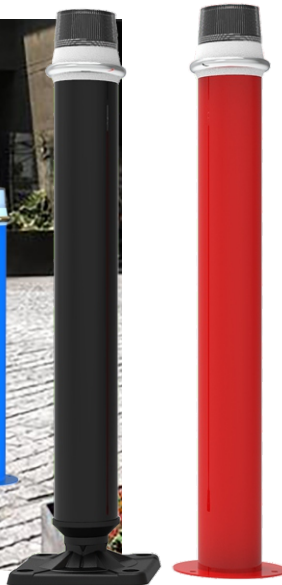
Colors: red, orange, black, green, blue



Led color: White



BO-KI-A



BO-KI-F

## Kira Stainless Steel Bollard

Code: BO-KI-A / BO-KI-F

- Perfection and elegance in this bollard.
- First class stainless steel
- Enhance the importance of any space.
- Highest quality led & solar cell technology. Its charges silently during night and has a reliable turn on when night comes even in case of blackout.
- We have fixed and folding models (are retractable and recover its original position in case of impact).

### Measure:

Diameter: 3.93 in  
Height: 35.43 in

Colors: red, orange, black, green, blue



Led color: White



BO-TO-A



BO-TO-F

## Tuscany Stainless Steel Bollard

Code: BO-TO-A / BO-TO-F

- Basic stainless steel bollard: simplicity and functionality in bright colors.
- Half sphere top form to give a smooth effect with no sharp edges potentially harmful.
- There are the fixed to ground model and the retractable one, with a fold-in system that recovers vertical position in case of any shock.

### Measures:

Diameter: 3.93 in.  
Height: 35.43 in.

Colors: red, orange, black, green, blue



Led Color: No leds in





## Manual Control Bollard

Code: PM-55

- Metallic bollard with safe and high precision manual control mechanism, to be placed for restrict access, close streets or protect entrances of buildings or businesses.
- Just apply gentle pressure with the hand to hide button, then turn the key to secure it.
- Built 100% in stainless steel: luxury and complete resistant to strong impacts.

### Measure bollard:

Diameter: 10.77 in.

Height: 1 ft 9.88 in.

### Measure base:

Width: 2 ft 0.40 in.

Length: 2 ft 0.40 in.

Colors: Black & gray.



## Remote Control Bollard

Code: PR-55

- Useful to protect areas with optimal security such as: parking lots, shopping malls or residential areas.
- Remote control elevator mechanism.
- Requires minimal maintenance.
- Both operating system: electrical current and battery backup in case of blackout.
- High power motor.
- All impact resistant.
- 100% stainless steel made.

### Measure bollard:

Diameter: 10.77 in..

Height: 1 ft 9.88 in.

### Measure base:

Width: 2 ft 0.40 in.

Length: 2 ft 0.40 in.

Colors: Black and gray.





# SECURITY BOLLARDS

## Classic Bollard

Code: PIC-CL-I

Code: PIC-CL-R

- Classic design ideal for public squares, historic centers, etc.
- They prevent vehicles from invading restricted areas.
- They can incorporate a chain between bollards.
- PIC-CL-I: Solid body made of 100% recycled medium density polyethylene.
- PIC-CL-R: Polyethylene body finished with granite concrete filling.
- With inner steel reinforcement.

### Measure:

Height: 3 ft 4.74 in.  
Total Height: 4 ft  
Diameter: 9.84 in.

### Colors:

PIC-CL-I: Black or gray.



PIC-CL-R: Granite, black, gray and green.



PIC-CL-I



PIC-CL-R



## Pyramidal Bollard

Code: PIC-PIR

- The most used to limit areas such as streets, crosswalks, ridges, historic centers and elsewhere.
- Steel core for maximum strength.
- Durable and free maintenance.
- 3 sides reflective.
- Made of medium density polyethylene with U.V. protection.
- 100% recycled material.

### Measure:

Height: 1 ft. 5.71 in.  
Total Height: 2 ft. 2.37 in.  
Width: 13.77 in.

Colors: Sand or black.



Reflective: White, Amber.



## Bollards Eiffel, Barcelona and Metropole

Code: PIC-EI-I

Code: PIC-BA-I

Code: PIC-ME-I

- Three beautiful designs that are elements indispensable in parks, civic centers, shopping centers, schools, etc.
- Its main function is to prevent vehicles from invading restricted areas providing additional protection to pedestrians.
- Solid body with steel core.

### Measure:

PIC-EI-I: Height: 36 ft 5.14 in.

Total Height: 4 ft 1 in.

Width: 7.08 in. Length: 7.08 in.

PIC-BA-I: Height: 3 ft 3.96 in. Total Height: 4 ft.

Diameter: 9.84 in.

PIC-ME-I: Height: 3 ft 5.14 in. Total Height: 4 ft 1 in.

Width: 6.29 in. Length: 6.29 in.

Colors: Black, gray.



Eiffel  
Code: PIC-EI-I



Barcelona  
Code: PIC-BA-I



Metropole  
Code: PIC-ME-I

## Bollard ES-300

Code: ES-300

- Used as protection on sidewalks to isolate pedestrians or dissuade wrong drivers.
- Made of flexible and friendly materials that in case of impact minimize damage to vehicles.
- Inside it has a strong steel soul anchored to the floor that gives total resistance in case of impact.
- Concrete filled body.
- The depth of the anchorage may vary depending on the level of resistance.

### Measure:

Diameter: 1ft

Height: 1 ft 5.71 in.

**Colors:** Sand, granite, antique gold, antique gray, green, black, among others.



## Bicycle Bollard

Code: PIC-BI-R

- Specially designed for urban bicycle parking.
- They are installed in bicycle lanes, public transport stations, parks, etc.
- Made of medium density polyethylene.
- Optional Reflectives.

### Measure:

Height over floor: 1 ft 9.45 in.

Total Height: 2 ft 5.33 in.

Width: 7.87 in.

Length: 1 ft 7.68 in.

### Colors:

Granite, black, gray and green.



## Absorber Bollard 100

Code: ABS-100

- Preventive road impact accessory that provides a touch of modernity in greens, ridges or avenues.
- In case of impact can save lives absorbing and deviating collision's energy.
- With reflective bands on body to improve night visibility.
- Solid structure filled with sand or concrete.
- Material with U.V. protection.

### Measure:

Diameter: 3 ft 1.37 in.

Height: 3 ft

**Colors:** Yellow or granite.



**Reflective:** White or Amber.





# SECURITY BOLLARDS



## Bollard Hado

Code: PIC-HA-I

- They are installed in parking spaces or to delimit security areas in schools, truck stations, airports, etc.
- Minimum maintenance
- Solid body of 100% recycled medium density polyethylene.
- Inner steel reinforcement.

**Measure:** Height: 2 ft 7.49 in.  
Total Height: 3 ft 7.33 in  
Width: 9.01 in.  
Length: 10.43 in.

**Colors:** Black, gray.



**A1**  
Code: PIC-A1-I



**Vienna**  
Code: PIC-VI-I



## Bollards A1 and Vienna

Code: PIC-A1-I

Code: PIC-VI-I

- Two modern bollards designs that harmonize with the architecture of corporate buildings, shopping centers, etc.
- With optional reflective film.
- They require minimal maintenance.

**Measure:**

PIC-A1-I: Height: 2 ft 5.92 in.  
Total Height: 3 ft 1.79 in. Diameter: 10.00 in.  
PIC-VI-I: Height: 3 ft 2.97 in. Total Height: 4 ft

Width: 6.22 in. Length: 12.20 in.

**Colors:** Black or gray.



PIC-PR1-I

PIC-PR2-I

PIC-PR3-I

PIC-PR4-I

PIC-PR5-I

## Prosperity Bollard

Codes: PIC-PR1-I, PIC-PR2-I, PIC-PR3-I, PIC-PR4-I, PIC-PR5-I.

- 5 designs to harmonize with different environments.
- Solid body (medium density polyethylene) with inner steel core that incorporates rings to place chains that limit the passage to restricted areas.
- Low relief surfaces can incorporate Reflective film or paint.

**Measure:**

Height: 3 ft. 2.18 in.  
Total Height: 4 ft.  
Width: 6.49 in.  
Length: 11.81 in.

**Colors:** Black, gray.

# SECURITY BOLLARDS



## Plastic Bollards

Code: P81-A

Code: P81-B

- Classic design ideal for isolate streets, parks, gardens, etc.
- Fully vehicle-friendly: Don't cause significant damage. Has just enough resistance to withstand impacts.
- They combine design and safety in an excellent way.
- Inside they have a strong steel core filled with concrete for dissuade bad driving practices.

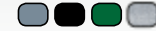
### Measure:

Height: 2 ft 7.49 in.

Width: 5.11 in.

### Colors:

Gray, Black, Green, Granite among others.



P81-A

P81-B



PIC-GC-R

PIC-GE-R

## Greece Bollard + Dome-Sphere

Code: PIC-GC-R

Code: PIC-GE-R

- Beautiful column design, in two models, with dome or top sphere.
- Ideal for historical centers, public squares, parks, etc.
- Body made of medium density polyethylene, filled with concrete and with a structural steel reinforcement.

### Measure:

PIC-GC-R: Diameter bollard: 7.08 in.

Diameter top: 11.65 in.

Height: 3 ft 5.88 in.

Total Height: 4 ft 1.76 in.

PIC-GE-R: Diameter bollard: 7.08 in.

Diameter top: 12.87 in.

Height: 49 in.

Total Height: 4 ft 8.88 in.

Colors: Granite, black, gray and green.



## Obelisque Bollard

Code: PIC-OB-I

Code: PIC-OB-R

- Bollard to limit security areas in schools, parks, crosswalks, etc.
- With steel rings on the top to place a plastic chain to guard vehicles and properties.

• PIC-OB-I: Solid body made of 100% recycled medium density polyethylene.

• PIC-OB-R: Granite polyethylene body filled with concrete.

• With steel inner reinforcement.

### Measure:

Height: 3 ft 3.14 in.

Total Height: 4 ft 1 in.

Width: 6.29 in.

Length: 6.29 in.

### Colors:

PIC-OB-I: Black, gray.



PIC-OB-R: Granite, black, gray and green.



PIC-OB-I



PIC-OB-R



# SECURITY BOLLARDS

## Static Bollard

Code: PF-70 / PF-110

- Traditional bollard suitable to be placed in any place where it is required to limit or protect pedestrian areas, sidewalks, access to streets or businesses, parking lots, etc.
- They do not require maintenance.
- With Reflective bands for greater visibility.
- Two heights depending on the level of security required.
- 100% recycled material.

### Measure:

**Bollard PF-70:** Height: 1 ft 11 in.

Total Height: 2 ft 4 in.



Diameter: 6.10 in.

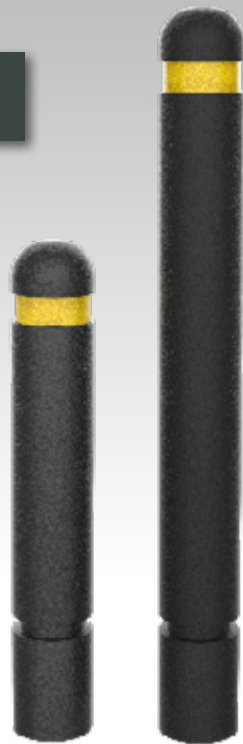
**Bollard PF-110:** Height: 3 ft 1 in.

Total Height: 2 ft 4 in.

Diameter: 6.10 in.

**Color:** Black. 

**Reflective:** White, Amber.  



PF-70

PF-110



## Triangular Bollard

Code: PT-70

- Special bollard to be placed on crosswalks, slopes, underground parking, etc.
- Triangular shape with large Reflective area on each of its sides.
- Visible from different angles making it an excellent delimiter.
- It is installed anchored to the floor.
- Resists impacts.
- 100% recycled material.



### Measure:



Height: 2 ft 4.34 in.

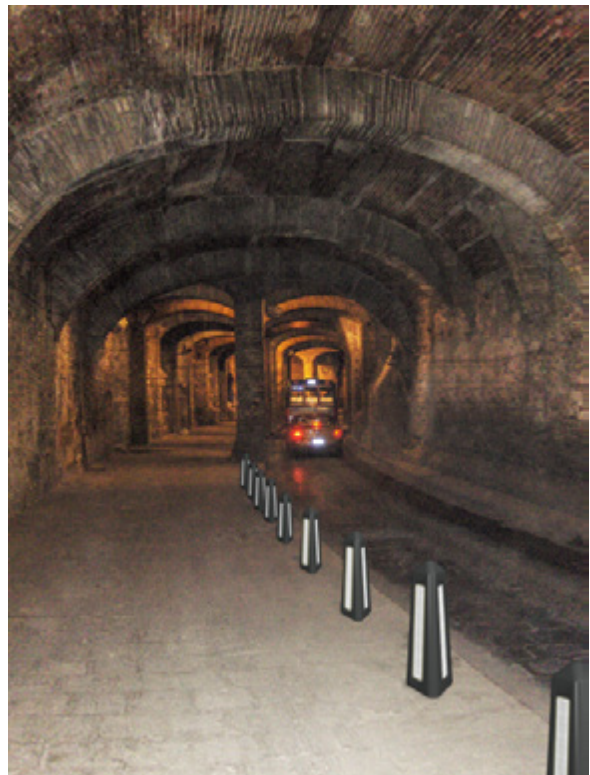
Total Height: 3ft

Width: 9.44 in.

Length: 10.35 in.

**Colors:** Black, gray.  

**Reflective:** White, Amber.  





## Roman Bollard

Code: PIC-RO-1

- Due to its elegant design it is recommended to be placed in historic centers, monuments, buildings, corporate, etc.
- Made of 100% recycled medium density polyethylene.
- With stainless steel soul.
- Reflective band optional.

### Measure:

Height: 4 ft.  
Total Height: 4 ft. 5.14 in.  
Diameter body: 7.28 in.  
Diameter top: 11.73 in.

Colors: Black , gray.



## Bollard Elegance 101

Code: PIC-EL-101

- Modern and elegant bollard made of Poliflexy®, flexible material and resistant to multiple impacts.
- Ideal for access blades to central lanes of high-speed roads, it can also be used as an ornament and protection in pedestrian crossings, restaurants, hotels, shopping malls, etc.
- It is fixed to the floor with two injected aluminum flanges.
- Option for the whole body to be illuminated from the inside by means of a LED lamp located in an

### Measure:

Diameter: 3.54 in.  
Height: 3 ft 3.76 in.

Colors: White, gray & black.



Reflective: White & Amber.



Optional light



Illuminated model



Decorate & dissuade bad driving practices



## Bollard Geo 101

Code: PIC-GE-101

- Bollard with a classic design that will beautify avenues, public squares and historic centers, while preventing vehicles from invading these restricted areas.
- Made out with Poliflexy®.
- Its flexibility allows it to return to its original position after each impact without causing damage to people or vehicles.
- Option to be illuminated with LEDs that do not suffer damage in case of being run over because the lighting system is located below ground level.
- With injected aluminum fittings for anchoring to the floor and to house the lighting system.

### Measure:

Diameter: 3.93 in.  
Height: 3 ft. 3.76 in.

Colors: White, gray & black.



Reflective: White & amber.





## Retractable Bollard 01

Code: PN-01

- Modern design, essential to be placed as a delimiter in streets and avenues, as well as to restrict access in offices or businesses.
- It is installed anchored to the floor and has a self-recovery system after being impacted (optional).
- As an option you can carry two strips of Reflective.
- Made out of medium density polyethylene with U.V.
- 100% recycled material.

### Measure:

Height: 2 ft 5.44 in.  
Total Height: 3 ft 1.32 in.  
Diameter: 6.57 in.  
On ground anchor: 7.87 in

**Colors:** Gray aluminum or Black. ☐ ☒

**Reflective:** White & Amber. ☐ ☒



## Roman Retractable Bollard 02

Code: PN-02

- The roman column type design makes this bollard the perfect protective accessory on streets, residential areas, restaurants or historic buildings.
- With the option to wear accessories in silver color which enhance the elegant design, but it also has strength and resistance to impacts.
- Self recovery system (optional).
- Made of medium density polyethylene with U.V.
- 100% recycled material.

### Measure:

Height: 2 ft 6 in.  
Total Height: 3 ft 1.87 in.  
Diameter: 6.61 in.  
Ground anchor: 7.87 in.

**Colors:** White, black or gray aluminum. ☐ ☒ ☐

☐ ☒ ☐

**Reflective:** White or Amber. ☐ ☒



## Retractable Bollard 03

Code: PN-03

- A contemporary design accessory perfect to be placed in shopping centers or plazas.
- Resistant and with self-recovery system (optional) after impact.
- You can wear a Reflective band to increase your night visibility.
- Made of medium density polyethylene with U.V.
- 100% recycled material.

### Measure:

Height: 2 ft 6.11 in.  
Total Height: 3 ft 2.18 in.  
Diameter top: 7.63 in.  
Ground anchor: 7.87 in.

**Colors:** Gray aluminum & black. ☐ ☒ ☐

**Reflective:** White or Amber. ☐ ☒



## Luminous Stainless Steel Bollard

Code: PIC-AX-SOL

Elegant stainless steel bollard with light, to be placed in business or corporate entrances.

Has a dissuasive function to prevent invasion of confined spaces. With white diamond grade reflective band for bettered visibility.

**Illumination:** Light system based on red or white LED, and auto ON-OFF system.

**Power:** Photovoltaic cell and battery bank encapsulated inside bollard's top.

**Body:** Natural polished stainless steel tubular high gloss finish.

**Base:** Buried or screwable to the floor to provide felony protection.

**Measure:** Height: 2 ft., Diameter: 3.93 in.



## Luminous Bollards

Codes: PIC-LUS-1125, PIC-LUS-C, PIC-LUS-CM

- High resistance signaling with solar power lighting system.
- Made with 100% recycled medium density polyethylene and internal steel reinforcement. No maintenance needed.
- Reflective prismatic that reinforces your visibility.

**Illumination:** High-efficiency flashing LED system protected inside a 7.08 in. diameter polycarbonate top dome (in optional colors: white, amber, red, green or blue).

**Power:** Photovoltaic cell and battery bank encapsulated inside bollard's top.

**Body:** Black or gray color with U.V. treatment with a strip of amber, red or white prismatic reflective band.

**Base:** Buried for excellent anchorage to floor.

### 3 models:

**PIC-LUS-1125** (Smooth body) Measure: Body diameter: 7.08 in., Diameter top: 8.26 in., Height: 3 ft 8.29 in., Total Height: 5 ft 9.60 in.

**PIC-LUS-C** (Column type body) Measure: Body diameter: 7.28 in., Maximum diameter : 7.79 in, Height: 3 ft 9.27 in., Total Height: 4 ft 5.54 in.

**PIC-LUS-CM** (Column type body and micas to integrate a logo or advertising) Measure: Body diameter: 7.28 in., Maximum diameter : 7.79 in., Height: 3 ft 9.27 in., Total Height: 4 ft 5.54 in.



PIC-LUS-1125



PIC-LUS-C



PIC-LUS-CM

## Solar Bollard Greece Lux

Code: PIC-GR-L

• Bollard with beautiful design that integrates a top dome with led lighting system.

• Body made of medium density polyethylene filled with concrete and with internal steel reinforcement.

**Illumination:** High-efficiency flashing LED system protected inside a 7.08 in. diameter polycarbonate top dome (in optional colors: white, amber, red, green or blue).

**Power:** Photovoltaic cell and battery bank encapsulated inside bollard's top.

**Body:** granite, black, gray or green.



**Base:** Buried for excellent anchorage to floor.

**Measure:** Body diameter: 7.08 in., Maximum diameter: 11.65 in., Total Height: 4 ft 1.25 in., Height: 3 ft 5.37 in.





## Maxibutton Rumbler

Code: MX-VR

- Thanks to its perfect height, the Maxibutton Rumble transmit an immediate call to vehicle drivers for a speed reduction.

Recommended use:

- Fix it in difficult known points along the way.
- Also helpful warning for icy and slippery roads.
- 16 Reflective spheres per face (one-sided option).
- Optional bolt for anchor to ground.

### Measure:

Diameter: 5.2 in.

Height: 0.8 in.

Reflective spheres: White, Amber, Red. ☐ ☐ ☐



## Multivista Aluminum Button

Code: BT-MUL-AL

- The Multivista Aluminum Button is specially used as a rumble vibrator or channeller in curves, crosswalks and parking lots.
- One or two faces of high reflectivity spheres.
- ABS bolt
- Usefull to mark dangerous places.

### Measure:

Diameter: 3.93 in.

Height: 0.8 in.

Reflective spheres: White, Amber or Red. ☐ ☐ ☐

## Multivista Button

Code: BT-MUL

- Designed as a channeller or limit on roads, parking lots, streets, avenues, dedicated bicycle lanes, crosswalks and else.
- One or two faces with high reflective spheres.
- Made out of ABS with U.V. protection.
- Optional bolt.

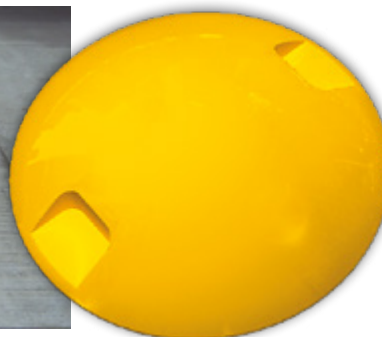
### Measure:

Diameter: 3.93 in.

Height: 0.8 in.

### Reflective spheres:

White, Amber, Red o Blue. ☐ ☐ ☐ ☐



## ABS Button

Code: BT-ABS

- Economical button for multiples uses in roads and parking lots. Mark every perimeter you wish.
- Durability: 10 years.
- Made out of reinforced ABS with U.V. protection.

### Measure:

Diameter: 3.93 in.

Height: 0.7 in.

### Colors:

White, Yellow, Red, Blue. ☐ ☐ ☐ ☐

**No more painting every year.**



## Steel Button

Code: BT-M

- Steel button, manufactured in strong grade 10 gauge die cut sheet.
- Steel bolt included
- High resistant baked polyester paint.
- Excellent as a speed reducer in schools, crosswalks and parking lots.

### Measure:

Diameter: 3.97 in.

Height: .82 in.

Color: Yellow. ☐

## Stainless Steel Button

Code: BOT-INOX-10

- This resistant and elegant road button made out of stainless steel brings a new image to downtown areas, bike tracks and others.
- Optional bolt.

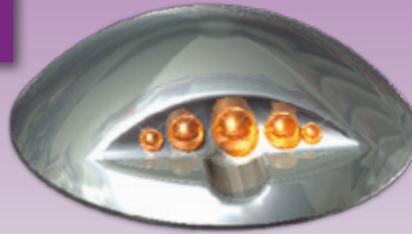
**Measure:**

Diameter: 4.2 in.

Height: 0.9 in.

**Reflective spheres:**

White, Amber o Red.



## Aluminum Button

Code: BOT-AL y BOT-ALR

- The most requested button on the market.
- Extended durability and heavy traffic resistant
- In two versions: a) Smooth type b) Two faces type, both with high intensity reflectant effect.
- Made out of injected aluminum.
- Optional bolt.

**Measure:**

Diameter: 3.9 in.

Height: 0.8 in.

**Reflective:**

White, Amber, Red.



BOT-AL

## Aluminum Button

Code: BOT-AL-IN

- Injected aluminum button.
- High impact resistance.
- A great option as a speed reducer. To indicate crosswalks. For ornamental purposes.
- Optional ABS bolt.

**Measure:**

Diameter: 3.9 in.

Height: 0.8 in.



BOT-ALR



## Button 135

Code: BACI-ES-135

- The first choice in stainless steel button on catalog.
- Regularly used as a channeler in streets, downtown, residential areas and parking lots.
- Its tempered glass sphere is visible from all directions.

**Measure:**

Diameter: 5.5 in.

Height: 1.2 in.



## Button 100

Code: BACI-ES-100

- Stainless steel button with reflectant tempered glass sphere. This luxury road device can mark your parking lot efficiently.

**Measure:**

Diameter: 3.9 in.

Height: 1.2 in.



## Ceramic Button

Code: BT-CER

- Undeformable button, molded in one piece with ceramic and non-metallic components.
- This ceramic button has wide applications marking lanes or indicating crosswalks.

**Measure:**

Diameter: 4 in.

Height: 0.8 in.

**Colors:**

White and Yellow.





## Oval buoy-45

Code: BYO-45

- Made of ABS with U.V. protection. It includes four cat-eye reflective areas, two by side.
- Well anchored to floor with ultrafix screws and expansive plugs. It can include two fastening bolts also.
- First use to channel lanes in avenues or bicycle tracks.

• **Economical and resistant.**

**Measure:**

Length: 7.48 in., Width: 4.72 in., Height: 1.77 in.

**Reflective:** White, Red. ☐ ☒

**Body Color:** Yellow ☒



## I-55 Polyethylene buoy

Code: I-55

- Made out of high density polyethylene with U.V. protection. Two reflective areas.
- The color is permanent. Never rusted.
- Used to limit exclusive lanes, roundabouts, bicycle lanes and else.

• **The most economical and resistant.**

**Measure:**

Width: 6.49 in., Height: 2.16 in.

**Reflective:** White or Amber. ☐ ☒

**Color:** Yellow. ☒



## I-68 Polyethylene buoy

Code: I-68

- With four reflective areas in four directions, this is a very visible from any angle button.
- Recommended to be placed in two way avenues.
- Made out of high-strength polyethylene with
  - U.V. protection
- Choice your button with one or two reflective sides.

**Measure:**

Width: 8.66 in., Height: 2.67 in.

**Reflective:** White or Amber. ☐ ☒

**Color:** Yellow. ☒



## Multivista Speed buoy

Code: ERC-194

- Undeformable body.
- Made out of ABS with U.V. protection.
- With glass sphere inside reflects light to and from every angle.
- Always visible, day and night.

**Measure:**

Length: 7.59 in., Width: 7.59 in., Height: 2.99 in.

**Body:** Yellow. ☒



## Multisphere Speed buoy

Code: BY-ES

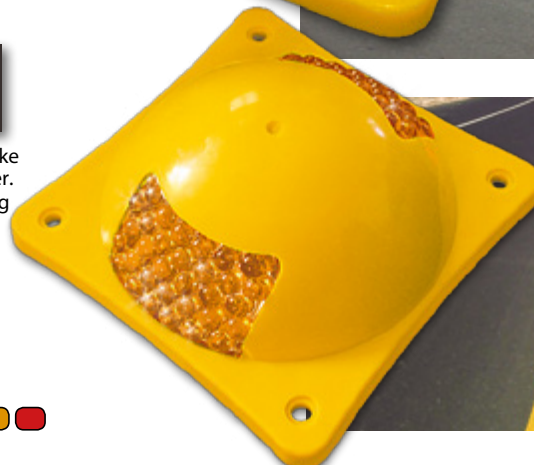
- 32 Reflective spheres in each of its two faces make this button the most visible metal speed reducer.
- Cause low friction with tires while deter on wrong driving and avoid damages.
- Made out of ABS with U.V. protection.
- One or two sides with reflective spheres.

**Measure:**

Length: 7.48 in., Width: 7.48 in., Height: 2.48 in.

**Reflective spheres:** White, Amber or Red. ☐ ☒ ☒

**Body Color:** Yellow ☒



# METAL & PLASTIC BUOYS



## PVC Buoy

**Code:** BPVC-22

- The PVC non-deformable body made this bump ideal for use as a channeler in two-way roads or for limit any area.
- Low friction gradient against car tires.
- Its firm colors don't lose intensity.

**Measure:**

Diameter: 8.7 in. Height: 1.57 in.

**Color:** Black with yellow inserts

## Stainless Steel Buoy

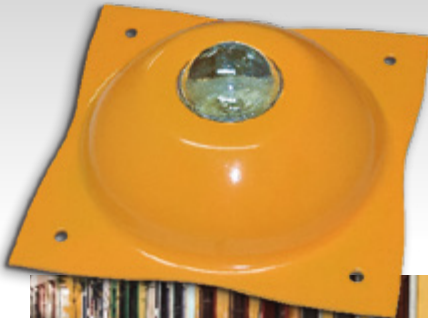
**Code:** BAC-330

- Strong and non-deformable body resistant to friction and abrasion.
- With reflective all angle glass sphere.
- Die cut in stainless steel metal sheet.

**Measure:**

Length: 9.05 in., Width: 9.05 in., Height: 3.34 in.

**Color:** Yellow



## Metal Buoy

**Code:** BY-M

- High demanded heavy traffic resistant bump
- Used to channeling streets, avenues or roads.
- One-piece die-cut steel sheet button. Smooth and without edges.
- Two reflective areas (front & rear).

**Measure:**

Length: 8.26 in., Width: 8.26 in., Height: 2.36 in.

**Reflective:** White, Amber, Red.

**Color:** Yellow

## Aluminum Buoy 200

**Code:** BA-200

- Project modernity in any street or avenue where its placed.
- Multiple arches in yellow maximize its visibility.
- Made out of injected aluminum.

**Measure:**

Diameter: 7.87 in., Height: 1.57 in.



## Aluminum Buoy 180

**Code:** BA-180

- Break standards, bring elegance to any places.

- Includes reflective tempered glass sphere, visible from any point where it receives lighting.
- Made of injected aluminum.

**Measure:**

Diameter: 7.08 in., Height: 2.16 in.



## Drowned Buoy

**Code:** BA-101

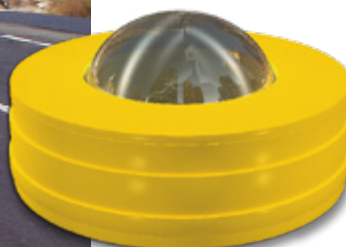
- High reflectivity degree sphere can mark every route.
- Must be installed drowned into concrete or asphalt, to protect central barriers.
- With synthetic coating for impact protection.
- Cover made out of ABS with U.V. protection

**Measure:**

Diameter: 4.40 in., Height: 2.36 in.

**Body Color:**

Yellow







## Large Format Easel

Code: CAB-114-A

- Easel with ample space to display all kind of messages.
- They are used in restaurants, promos, in business messages in streets or work areas.
- Foldable for easy storage & transportation.

### Measure:

Width: 2 ft

Height: 3 ft 8.88 in.

Thickness: 2.95 in.

Colors: White, Yellow.



## Two Messages Easel

Code: CAB-114-B

- Easel used regularly for warning notices. Police and sanitary controls.
- It has two areas that can be used for messages or combined with reflective stripes to get more attention.
- Foldable for easy store & transport.

### Measure:

Width: 24.40 in.

Height: 3 ft 8.88 in.

Thickness: 2.95 in.

Colors: White or Yellow.



# LANE CHANNELIZERS

## Caterpillar Channeler

Code: CN-OG-60


- Channeler designed to provide complete visibility to drivers with 4 reflective area in each side, placed in perfect angle and 2 more reflectives zones at its edges.
- First option channeler on bus lanes or bicycle paths.
- Easy installation
- Made of medium density polyethylene with U.V.
- 100% recycled material.

### Measure:

Length: 23.62 in.

Height: 3.54 in.

Width: 7.08 in.

Colors: Yellow or green. 

Reflective: White, yellow or red.



## THE MOST ECONOMIC !

\*Module pieces to form any length.



## Channeler Reducer 51

Code: CRR-3

- Resistant channeler specially designed to confine the metrobus lane, with adequate height so can't damage vehicles in case of running over it.
- It is easy to clean, does not need special treatments and its components do not harm the environment.
- Formed by 3 assembled modules made of medium density polyethylene with U.V.
- 100% recycled material.

### Measure:

Length: 4 ft 3.18 in.

Height: 1.96 in.

Width: 5.90 in.

Colors: Yellow or black. 



## Counterflow Luminous Channeler

Code: CN-CF-L120

- To channel lanes where it is required to reverse the circulation of vehicles at different times.
- With LED lighting at ends programmed by an cell phone app to select green for open lane to circulation and red, to close lane. Colors can reversed when vehicles direction flow changes.
- The first channel is programmed via a Bluetooth® app and the others, are automatically synchronized also by Bluetooth® communication. No wiring between channels is required.
- Solar powered with rechargeable battery, turns on when light conditions change.
- Body made of medium density polyethylene with U.V. protection, 100% recycled material.
- Reflectives aside are optional.

### Measure:

Length: 4 ft

Height: 3.07 in.

Width: 10.23 in.

Led : Green and Red. 

Colors: Yellow or black. 





# LANE CHANNELIZERS



## Central Reflective Channer

Code: CCR-183

- Channel with 6 Reflective glass spheres which make it visible from any angle where it is observed.
- Special to confine lane bus or counterflow tracks.
- Resistant and with curved designed to avoid damages on vehicles.
- Made out in medium density polyethylene with U.V.
- 100% recycled material.

**Measure:** Length: 7 ft, Width: 11.02 in., Height: 2 in.

**Color:** Yellow.

## Bus Bollard

Code: CMT-180

- Modern channer designed to confine bus or trolley-bus lanes with space to place your logo in low relief (optional).
- 2 large areas of reflective on one side and on the ends to increase protection and visibility levels.
- Made out in medium density polyethylene with U.V.
- 100% recycled material.

**Measure:**  
Length: 6 ft 10.86 in., Height: 4.33 in., Width: 5.90 in.

**Color:** Yellow.

**Reflective:** White or amber.

## Tripare Channer

Code: CAN-TRI-894

- Modern and resistant channer, special to be placed in all roads.
- It consists of three assembled parts plus a flexible pallet made out in Poliflexy® resistant to more than 100 accidental run-ins.
- Reflectives bands are optional.

**Base Measure:**

Length: 3 ft  
Width: 11.81 in.  
Height: 1.77 in.

**Palette Measure:**

Length: 8.77 in.  
Height: 25.59 in.  
Width: 2.55 in.

**Base Color:** Black & Yellow.

**Palette:** Orange, green or yellow.

**Reflectives:** White or amber.



## Folding Channer

Code: PAC-66

- Channer with flexible vane and impact self-recovery system.
- It is used to channel lanes in restricted access areas or deviations.
- It can carry all kinds of advertising or warning messages.
- Palette made out in Poliflexy®, no harming material for vehicles.

**Measure:**

**Channer:** Length: 2 ft 3.55 in., Height: 3.54 in., Width: 6.49 in.  
**Palette:** Height: 2 ft 6.31 in., Width: 6.69 in.

**Color:** Yellow.

**Reflective:** White or amber.



# BUS CHANNELIZERS



## The 50 Channelizer

Code: VIA-50

- Channelizer for limit special lanes for bus, trolleybus, metrobus or cyclist.
  - Two reflective faces on both extremes and special height for enhance visibility on any road or track.
- Made out in medium intensity polyethylene for a better resistance, performance, and material expansion due to thermal changes for long durability, yellow integrated color with U.V. protection.
- It has two bolts for better fix on any type of road.
  - Option to exhibit your logo on top in low relief as it shows on picture.

**Measure:**

**Length:** 19.68 in

**Width:** 5.9 in.

**Height:** 0.77 in.

**Color:** Yellow 

**Reflectives:** White, Red  



## Special 25 Road Stud

Code: VIA-25

- Special lanes bigger road stud channelizer.
- Double reflective faces device made out in medium density polyethylene with UV protection and more bigger and higher for enhance visibility everywhere it needs.

Commonly used to limit bus or heavytruck special lanes on restricted or working areas.

Its basic yellow body color and its material composition offer a better performance, resistance and a desirable thermal expansion coefficient for a long service life.

- Includes 4 strong bolts to fix it on asphalt or concrete
- You can choice the option of a logo on its superior face.



**Measure:**

**Length:** 9.84 in..

**Width:** 7.87 in.

**Height:** 1.96 in.

**Color:** Yellow 

**Reflectives:** White or Red.  



## The 81 channelizer

Code: CAN-81

- Demarcator used for channelizer lanes on restricted zones, make deviations or protect a bicycles track. Device with two reflective faces on both extremes. You can chose the solar lighted button option embedded on it. This increase visibility from long distance.

- As you can see on photo, with the Poliflexy® 66 Bollard (code: ITO-PF-66) option get better results.

- Includes two auger for fix it on any ground.

The solar light button has 2 ultrabright leds (6500 candles) with a 100,000 hours medium life.




**Power:** Solar photovoltaic cell with a rechargeable NK-MTH 1.2 v. battery.



**Measure:**

**Length:** 31.88 in.

**Width:** 6.29 in.

**Height :** 3.54 in.

**Color:** Yellow, Green or Black.   

**Reflectives:** White or Red.  



# WHEEL STOPS FOR BUS LANE

## Minitop 445 / Minitop H-65

Codes: MINITOP-445, MINITOP-H-65

- Two-piece assembled channeler with elegant design, creating a pleasing sight.
- It is used to divide vehicle lanes inside shopping centers zones, usefull as well in cycle paths or temporary counterflows.
- Optionally it can include a Poliflexy® 66 Bollard (code: ITO-PF-66).
- Not require maintenance.
- Firm colors that do not fade.
- Made of high density polyethylene with U.V.

### Measure Minitop 445:

Length: 17.71 in.  
Width: 11.81 in.  
Height: 1.77 in.

### Measure Minitop H-65 with bollard:

Length: 17.71 in.  
Width: 11.81 in.  
Height: 1.77 in.

Colors: Black & yellow.



Bollard: Orange, Yellow or Green.



Reflective: White or amber.



## Boomerangs 10 & 14

Codes: C-BG-50-10, C-BG-50-14

- Modern and innovative design that integrates all the security required in the channeling of streets and avenues.
- It includes 5 large Reflective areas so as not to go unnoticed by drivers.
- C-BG-50-10, 3.93 in. high, with 4 holes for anchoring.
- C-BG-50-14 with a 5.51 in. height, with 7 holes for anchoring.
- Resists without breaking the run over.
- Used in two-way lanes, metrobus, cycle paths, etc.
- Can be combined with a Poliflexy® 66 Bollard (code: ITO-PF-66) to increase your visibility.
- Made out of medium density polyethylene with U.V.
- 100% recycled material.

### Measure C-BG-50-10:

Length: 14.56 in.  
Width: 19.68 in.  
Height: 3.93 in.  
Height with bollard: 30.11 in.

### Measure C-BG-50-14:

Length: 14.56 in.  
Width: 19.68 in.  
Height: 5.51 in.  
Height with bollard: 31.69 in.

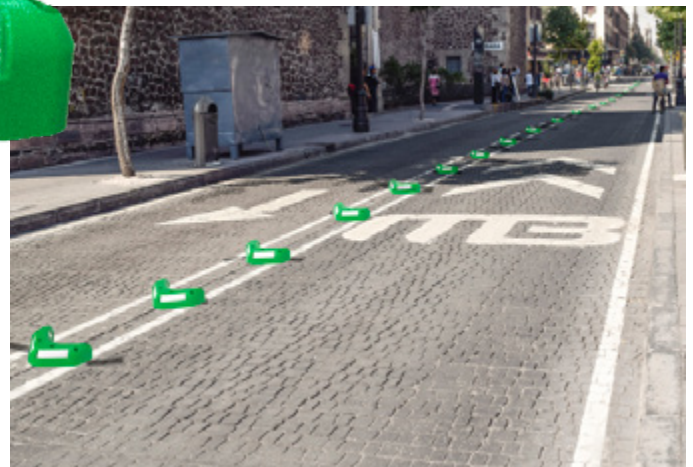
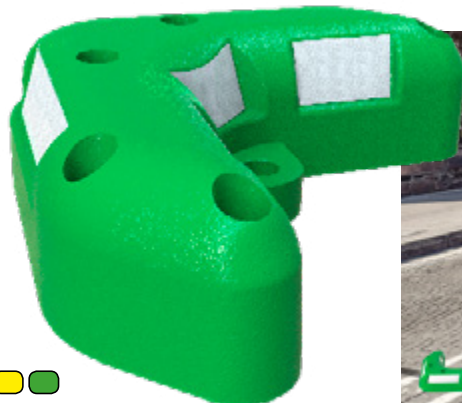
Color: Yellow o Green.



Bollard: Orange, Yellow or Green.



Reflective: White or red.





## Palette Channeling Poliflexy® 70

Code: PCP-70

- Channeler with pallet, to be placed in counterflows, detours or bicycles tracks.
- Made of high molecular weight polyethylene.
- Palette made of Poliflexy® soft material that does not damage vehicles or people.
- Each pallet carries 3 circles of Reflectives on each side.

### Measure:



Height: 15.74 in.

Width: 6.29 in.

Length: 2 ft 3.16 in.

**Color canalizador:** Yellow. 

**Color paleta:** Orange. 

**Reflective:** White or amber.  



## Palette Channeling Poliflexy® 80

Code: PCP-80

- Channeler specially designed to be placed in counterflows, two-way avenues or cycle paths.
- Flexible Poliflexy® tongue with three Reflective circles on each side that prevents motorists from invading the confined lane.
- Made of high molecular weight polyethylene.
- Each pallet carries 3 circles of Reflectives on each side.

### Measure:



Height: 1 ft 3.74 in.

Width: 6.29 in.

Length: 2 ft 7.88 in.

**Color canalizador:** Yellow. 

**Color paleta:** Orange. 

**Reflective:** White or Amber.  



## Post Channeling

Code: ICV-81

- In places where greater safety is required to channel the use of the channeling bollard is recommended, due to its height and the two Reflective bands is fully visible from any angle.
- For use on two-way roads or metrobus lanes.
- Made out in high molecular weight polyethylene and the post is a Poliflexy® 66 Bollard (code: ITO-PF-66).

### Measure:



Height: 2 ft 5.33 in.

Width: 6.29 in.

Length: 2 ft 7.88 in.

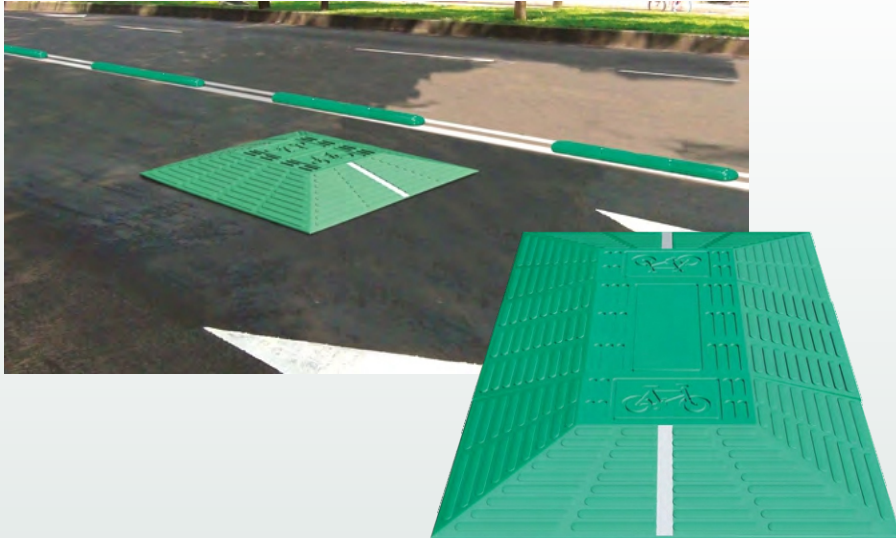
**Color tope:** Yellow. 

**Color paleta:** Orange. 

**Reflective:** White or Amber.  







## Bicycle Protector Speed Reducer

Code: MOD-120

- Ideal to mark bicycle lane, urban bus rail or traffic counterflow.
- Due to its large size, it ensures speed reduction protecting cyclists and pedestrians.
- Lines in high relief produce a vibration alert.
- Reflective bands are optional.
- Form by assembled modules to achieve a planned length.
- Optimum height (lower than a normal chassis height of vehicles).
- Made of medium density polyethylene with U.V.
- 100% recycled material.

### Measure:

Width (central module): 23.62 in.

Width (end module): 23.62 in.

Length (all modules): 47.24 in.

Height (all modules): 3.93 in.

**Reflexives:** White or amber



**Color:** Green or yellow



## Confi-Bici Luminic Channelizer

Codes: B-COBI-180 / B-COBI-180 LUZ

- Specially designed to confine only-bicycle lanes as a major lifesavers.
- With rounded edges and large reflective areas. Both two models, -basic and solar- has low friction
- reliefs on surface and ramp form to avoid or minimize any damages in case of impact.
- Perfect channelizer in main avenues or in two way streets.
- Made out in one piece medium density 100% reused polyethylene
- Six holes for fastening bolts.
- Completely solid.
- **Optional hi-tech solar light powered for enhance nighttime visibility.**

### Measure:

Length: 70.86 in.

Height: 15.11 in.

Width: 15.72 in.

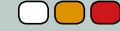
**Colors:** Yellow, Black and Green



**Reflexives:** White, Amber, Red.



**Led color:** White, Amber and Red



## Confí-Bici-25 Bollard

Code: B-COBI-25

- One of the easiest and reliable way to confine a bicycle track on difficult narrow streets is this special designated bollard to make new safe spaces for cyclists in dense populated cities.
- The edges ramp form with relief marks save cyclists from falls in case of run over it.
- Made out in a completely solid one piece 100% recycled medium density polyethylene.
- Eight lateral reflective zones at each side are specially angled to favour visibility from driver's point of view.
- In the same way, reflective paint on edges is protected by the same texture of the relieved surface.

• The 4 anchoring dedicated oval holes were designed to absorb and resist thermal expansion of bollard on daytime weather and also resist the consequent contraction of material when colder night comes.

### Measure:

Length: 70.86 in.

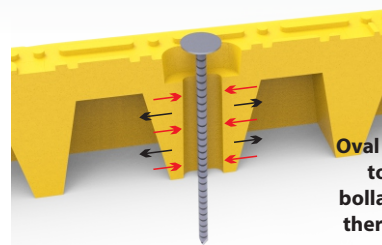
Width: 9.84 in.

Height: 5.11 in.

Colors: Yellow, green and black



Reflective: White, amber and red



Oval auger was specially designed to keep in the anchor, resisting bollard dilatation and contraction thermal changes throughout day and night.



## Confí-Bici-40 Bollard

Code: B-COBI-40

- Another piece of our applied engineering to delineate today's bicycle tracks.
- The texturized surface edges and the bollard's ramp shape prevents cyclist to fall down in case of a wheel tumbles against it.

- Made out in medium density polyethylene 100% recycled, completely solid.
- Eight lateral reflectives has the best angle for be seen by drivers.

- Reflectives at its ends also brings great visibility thanks to high relief texture that at same time protects the reflective film.
- The seven anchoring ovals are designed to absorb and resist the changes in bollard dimensions caused by weather thermal fluctuation.

### Measure:

Length: 70.86 in.

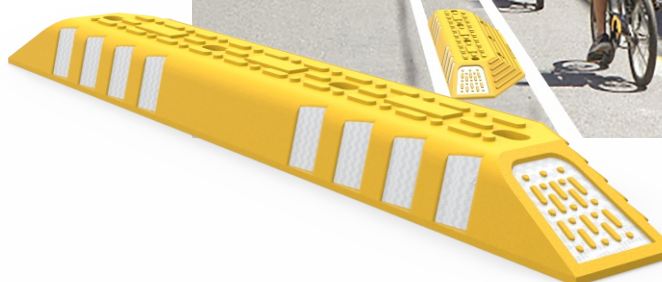
Width: 15.74 in.

Height: 5.11 in.

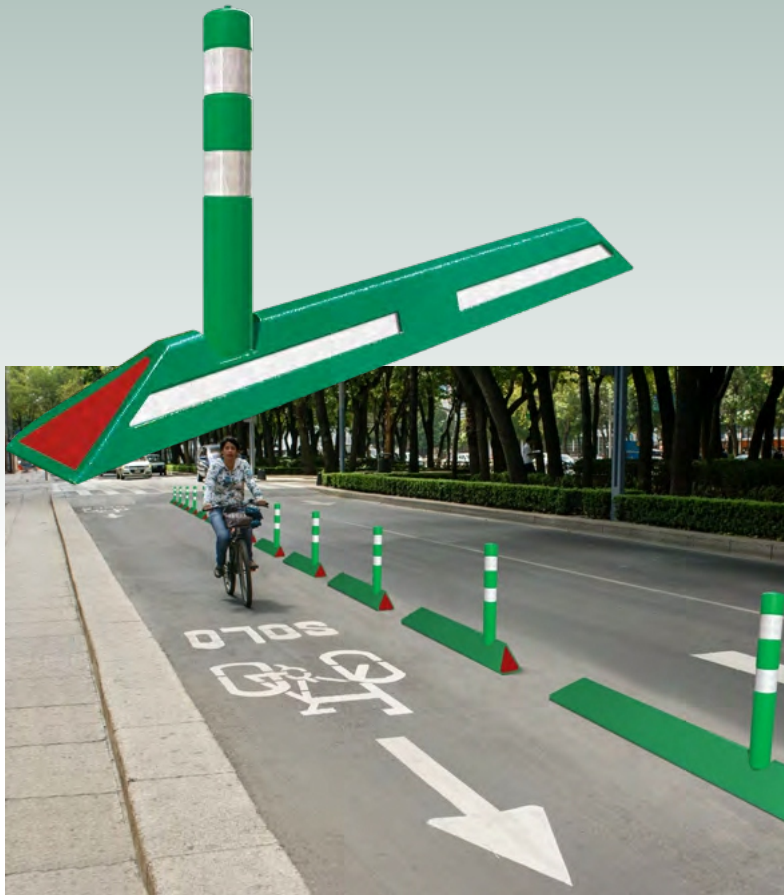
Colors: Yellow, Green and Black



Reflective: White, Amber and Red







## Atlas Bicycle Channelizer

**Code:** CAT-200-C

- Triangled type channelizer with rounded finished to avoid any harm to cyclist in case of impact.
- Reflectives on both extreme faces and two more reflective areas aside, bringing security and total visibility.
- Optional it can carry a Poliflexy® bollard.
- The Atlas is a one piece workmanship in medium density polyethylene 100% recycled.

**Measure:**

Length: 78.74 in.

Height: 6.69 in.

Width: 7.28 in.

**Colors:** Yellow, Green and Black



**Reflective:** White, amber and red.



## Confi-Bici luminous stud

**Code:** VI-COBI-L

- Special bicycle track marker with led illumination.
- Rounded finished to avoid any harm on cyclist or car tires.
- With aside relief arrows marking the street way.
- Made out in one piece body of 100% recycled medium density polyethylene
- Each stud with 4 holes for fastening on ground.
  - Completely solid
- **Optional:** Solar & leds advanced technology fully automatic illuminated.

**Measure:**

Length: 15.55 in.

Width: 9.25 in.

Height: 3.34 in. x 2.16 in.

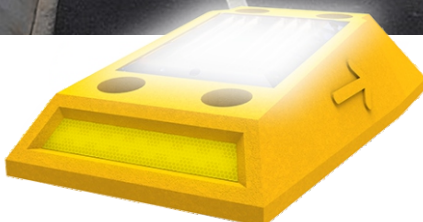
**Colors:** Yellow, Green and Black



**Reflective:** White, amber and red



**Led Color:** White, amber or red



# BICYCLE TRACK SIGNALISE

## Barrier Channeler

Code: B-150

- Three-piece assembled channeler for bicycle lanes, bus and else.
- Resist direct impacts and run-ins
- Reflective bands high intensity type in the heads that make it visible at night, providing greater protection to the cyclist, driver.
- With option to carry Poliflexy® flexible IPO-66 post.
- Made of medium density polyethylene with U.V.
- 100% recycled material.

### Measure:


Length: 7 ft 8.51 in.

Height: 4.76 in.

Width: 8.46 in.

Height with post: 30.90 in.

Colors: Yellow or Green. 

Reflective: White or Amber. 



## Channeler 51C-2 with Post

Code: C51C-2

- Modern and elegant assembled channel.
- A perfect option to install on any type of bicycle track.
- Rounded tips specially designed not to cause damage to cyclists or vehicles in case of running over them.
- May include the IPO-66 post (optional) manufactured in Poliflexy® to create greater visibility.
- Made of medium density polyethylene with U.V. protection.
- Economic.


### Measure:


Length: 2 ft 6.90 in.

Height: 1.97 in.

Width: 5.90 in.

Height with post: 2 ft 6.90 in.

Colors: Yellow, Green or Black. 

Reflective: White or Amber. 



## Channelizer 51C-3 with post

Code: C51C-3

- Assembled channeler recommended to be placed on cycle paths, or metrobus lanes.
- Rounded shape that prevents damage to cyclists.
- It is easily installed with reinforced studs and screws that ensures its durability.
- With the option to carry Poliflexy® IPO-66 post with reflective bands.
- Made of medium density polyethylene with U.V. protection.
- Economic.
- 100% recycled material.

### Measure:


Length: 4 ft 5 3/8 in.

Height: 1.96 in.

Width: 5.90 in.

Height with post: 2 ft 4.14 in.

Colors: Yellow, Green or Black. 

Reflective: White or Amber. 







## Modular Biciparking

Code: B-2x2

- Modern urban equipment to park bicycles
- Made out in steel & polyethylene
- Free choice in colors combination

Modules are bicycle port bays armed in-between posts lines forming one or two faces: rear or front.

### Measure:

Length: Depends on module number

Width: 58.26 in.

Height: 46.45 in.

Color post: Black



Color modules: red, blue, green and yellow



## Dual Biciparking

Code: VIC-2

- Modern simple bicycle park lot for two bicycles.
- For allow various modules in a minimal space.

- Made out in steel & polyethylene
- Body can carry your institution logo
- Bicycles are fastened with steel rings

### Measure:

Length: 27.55 in.

Width: 24.40 in.

Height: 7.87 in.

Color post: Black



## PVC Bicycle Floor Tile

Code: BL-90

- Textured special floor tile ideal for bicycle tracks.
- On-cross perceptible with anti-slippery bezel.
- Do not cause any uncomfortable sensation on pedestrians

Easy install on asphalt, concrete or else.

- Its color contrast with any normal road ground.

### Measure:

Length: 35.43 in.

Width: 15.74 in.

Height: .19 in.

Color: white



# TRAFFIC CONES

## Super Flex Cone 60

Code: CNSF-60

- Perfect size for channeling lanes on streets and avenues.

**Measure:**

Base: 10.19 in. per side.  
Height: 23.62 in.

**Colors:**

Orange, Yellow, Green, Blue.



## Super Flex Cone 45

Code: CNSF-45

- These cones are effective temporal marks during public works on streets

**Measure:**

Base: 10.19 in. per side.  
Height: 17.71 in.

**Colors:**

Orange, Yellow, Green, Blue.



## Super Flex Cone 71

Code: CNSF-71

- Used to warn or limit during on-road works or in case of vehicle repairs.

**Measure:**

Base: 12.20 in. per side.  
Height: 27.95 in.

**Colors:**

Orange, Yellow, Green, Blue.



## Super Flex Cone 91

Code: CNSF-91

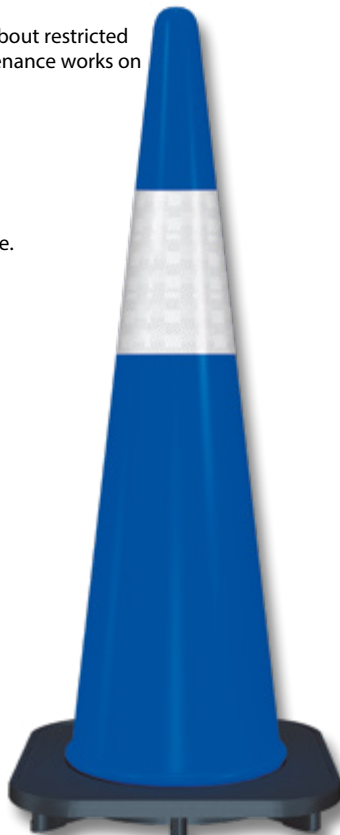
- The best cone in market.
- Commonly used to warn about restricted areas like temporal maintenance works on road.

**Measure:**

Base: 12.20 in. per side.  
Height: 35.82 in.

**Colors:**

Orange, Yellow, Green or Blue.





# TRAFFIC CONES

## Traffic Cone 25

Code: CN-25

- Therecommended cone for schools and sports fields.

**Measure:**

Base: 14.1 cm. (5.55 in) per side.  
Height: 22.86 cm. (9 in).

**Color:**

Orange. 



- Cones are made out of Poliflexy® in one piece and in flourescent orange color.

- Day & night visibility for any time use.
- U.V. protection.



## Traffic Cone 41


Code: CN-41

- Size recommended for industries, emergency situations and schools.

**Measure:**

Base: 20.0 cm.(7.87 in) per side.  
Height: 38.10 cm. (15 in).

**Color:**

Orange. 



## Traffic Cone 35


Code: CN-35

- Economic cone for multipurpose use.
- Hexagonal base with additional weight for more stability in all weather conditions.
- Made out in polyethylene with U.V. protection.

**Measure:**

Hexagonal Base: 11.0 cm.( 4.33 in) per side.  
Diameter: 22.5 cm. (8.85 in).  
Height: 35.0 cm. (13.78 in).

**Color:**

Orange. 



## Traffic Cone 60

Code: CN-60

- Designed for use in parking lots, factories or industries.
- It has a base with extra weight that provides excellent stability

**Measure:**

Hexagonal base: 7.08 in. per side.  
Diameter: 14.17 in.  
Height: 23.62 in.

**Colors:**

Orange with black base.



## Traffic Cone 75

Code: CN-75

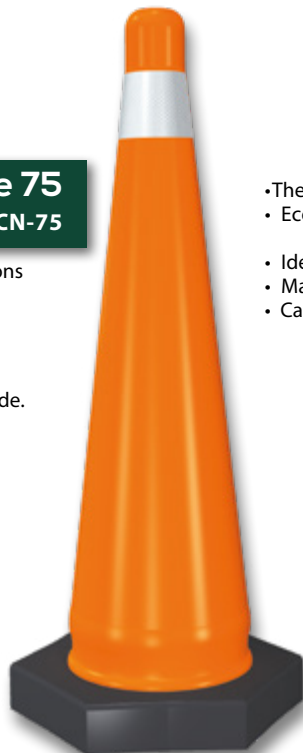
- Very useful in road works, road deviations and accidents.
- With heavy ballast in base.

**Measure:**

Hexagonal Base: 19.5 cm. (7.67 in) per side.  
Diameter: 39.0 cm. (15.35 in).  
Height: 75.0 cm. (29.52 in).

**Colors:**

Orange with black base.



- The hexagonal base filled with sand makes these cones the strongest on market.
- Economical and impact resistant, easy to clean and all weather stable.

- Ideal for use in areas with high winds.
- Made out of medium density polyethylene with U.V.
- Can include reflective tape to increase visibility at night.



## Cone 100 Informative


Code: CN-INF

- Cone specially designed to create a strong attention call in drivers with your message at perfect height to be seen from a coming vehicle and also for pedestrians. Also used to create warning signs along on-road works, accidents or natural disasters. To mark taxi or bus stops, restaurants, parking lots. For control access points in crowded squares or streets.
- A very stable cone you can fill it with sand to increase its weight according your needs.
- (Optional) Make it more visible putting reflectives bands or flash lights with led technology.
- Manufactured in medium density polyethylene with UV protection.

### Measure :

Hexagonal base: 7.67 in. by side  
Diameter: 15.35 in.  
Height: 58.26 in.

### Colors:

Orange with black base. 




con Luz



- Great height , totally visible, fit perfect to mark deviations, road works or accidents.
- Cuadrangular heavy base more stability against wind, water currents, rain, impacts and else
- (Optional) reflective band to increase visibility during nights.

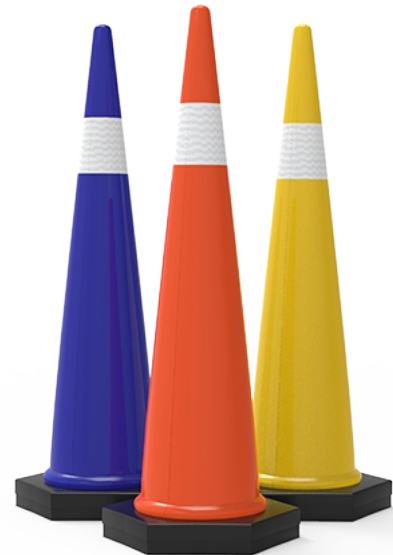
### Measure:

Base: 12.20 in. by side.  
Height: 38 in.

Color: Orange   
Base: Black

## Cone 100 B PVC

Code: CN100-BPVC



## Cone 100

Code: CN-100

- Great height , totally visible, fit perfect to mark deviations, road works or accidents.
- Base fillable with sand to increase weight.




- You can put reflective bands.

### • The best heavy cone in market

### Measure:

Base hexagonal: 7.67 in. by side.  
Diameter: 15.35 in.  
Height: 39.37 in.

### Colors:

Orange, blue, yellow   

## Cone 45

Code: CNY-45

- Semi-flexible cone.
- High impact resistance.
- Manufactured in one piece

### Measure.

Base: 10.23 in. by side.  
Height: 17.71 in.

Colors: Orange , Yellow





## Flex Cone 45

Code: CNFI-45


- Effective to place temporal warning.
- Made in one injected piece

**Measure:**

Base: 10.82 in. x 10.82 in.  
Height: 18 "



- Highly flexible cones that recover easily after being hit or run over.
- Made out with our Poliflexy® material with U.V. protection.
- with reflective tape engineering grade to increase its visibility at night (optional).
- Also there is an optional flash lamp attachable to this model.

**Colors:** Orange, Yellow, Green , Blue. 

**Reflective:** White. 

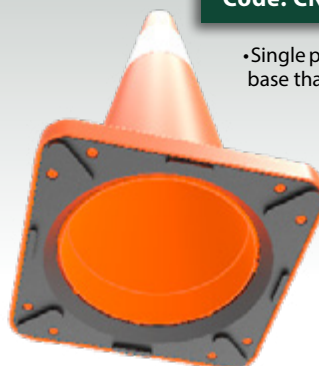
## Flex Cone 45-BP

Code: CNFI-45-BP

- Single piece injected body integrates a heavy base that provides greater stability.

**Measure:**

Base: 10.82 in. x 10.82 in.  
Height: 18 "



## Flex Cone 71

Code: CNFI-71

- Ideal for parking lots, signposting, road works or constructions.
- One piece injected plastic body

**Measure:**

Base: 14.56 in. x 14.56 in.  
Height: 28 "



## Flex Cone 71-BP

Code: CNFI-71-BP

- One piece injected body.
- Heavy base cone for greater stability.

**Measure:**

Base: 14.56 in. x 14.56 in.  
Height: 28 "



## Flex Cone 91

Code: CNFI-91

- Due to their size and high visibility, they are mainly used to limit work areas or temporal maintenance zones.
- One piece injected plastic body

**Measure:**

Base: 14.56 in. x 14.56 in.  
Height: 36 "



## Flex Cone 91-BP

Code: CNFI-91-BP

- Special to signal in areas with rainy or windy weather conditions.
- One piece injected plastic body.

**Measure:**

Base: 14.56 in. x 14.56 in.  
Height: 36 "



# SIGNALIZATION FOR DISABLED PERSONS


## Blue Multivista Button

Code: BT-MUL

- Special button to indicate exclusive spaces and walks for blind people.
- Placed in parking lots of shopping centers, government offices and elsewhere.
- Made in ABS with reflective spheres in one or two faces.

**Measure:**

Diameter: 3.93 in.  
Height: 0.78 in.

**Color:** Blue. 

**Reflective spheres:** Blue. 



## Button Guide for Blind Persons

Codes: BT-G-IN-AL & BT-G-IN-AB

- Sticky buttons designed to create guide paths for blind people and thus assist them in daily activities.
- Made in ABS or aluminium

**Measure:**

Diameter: 1.18 in.  
Height: 0.15 in.

**Colors:** Yellow , metallic.



## Folding Blue Post



Code: IT-AB-01, IT-AB-02 & IT-AB-03

- Special collapsible folding blue post indicates areas for disabled persons like park lots and else.
- In case of shock the post folds and recover its original position causing not harm at all.
- Montable pieces offer different heights.
- With reflective zones for more visibility.
- Made in high density polyethylene with U.V. protection

**Measure:**

Post modules, high: 10.43 in.  
Diameter: 5.19 in.

**Color:** Blue. 

**Reflective:** White , Amber.  



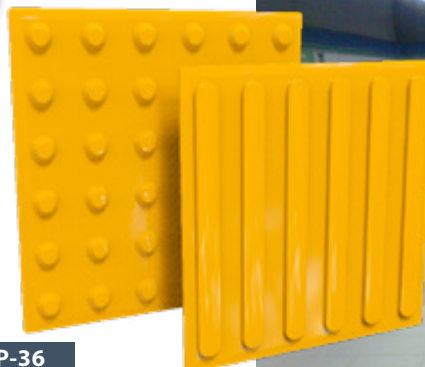
## Tactile paving for blind persons

Codes: LTR-6, LTP-36

- Texturized tiles that warn blind or visually impaired people of the main risks posed by crossing a street, access public transport, entering shopping centers, parking lots or climbing stairs or ramps.
- To be installed in schools, hotels, hospitals, and public places.
- Easily placed on any surface.

**Measure:** 11.81 in. x 11.81 in.

**Colors:** yellow, green, black or gray.



LTP-36

LTR-6





## Characteristics of electronic solar studs:

- Intelligent regulatory signaling.
- Designed and manufactured under law standards.
- Solar power system guarantees 24 hours of operation with full load.
- Unidirectional or bidirectional for central or side rails.
- From 2 to 6 LEDs of high brightness in all basic colors.
- Optionally with or without bolt for installation on asphalt or in concrete.
- Fixed or blinking lighting.
- Intelligent ON-OFF system sensitive to ambient light.

## Road Stud Solaris

Code: G-S12

**Sides:** 1 to 2.

**Leds:** 2 to 5.

**Color Led:** Amber or Red.



**Light:** Fixed or blinking.

**Body:** Polycarbonate amber.

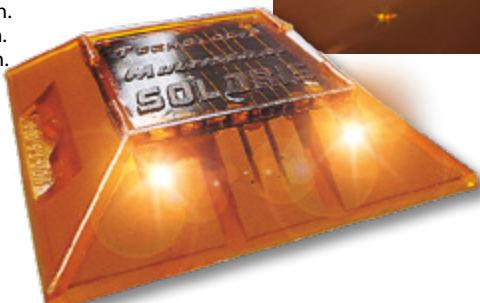
**Installation:** It is fixed to the floor with 2 component epoxic glue.

**Measure:**

Length: 4.64 in.

Width: 4.64 in.

Height: 0.93 in.



## Half-Buried Road Stud

Code: VSRA

Solar road stud

Power supply optional (controller required).

**Sides:** 2.

**Leds:** 6.

**Color Led:** Amber.

**Light:** Flasher.



**Body:** Aluminum

**Installation:** underground It is fixed to the floor with 2 component epoxy glue.

**Measure:** Diameter: 4.72 in.,

Height: 1.96 in.



## Smart Road Stud

Code: VIAL-12

**Sides:** 1 to 2.

**Leds:** 2 to 6.

**Color Led:** Amber, Red, White, Green or Blue.

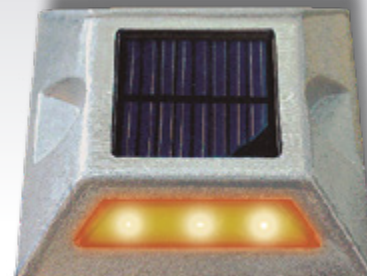


**Light:** Fixed or blinking.

**Body:** Aluminum

**Installation:** It is fixed to the floor with 2 component epoxic glue.

**Measure:** Length: 4.72 in., Width: 4.72 in., Height: 1.06 in.



## Road Stud R2

Code: VRFLX-Z

**Sides:** 1.

**Leds:** 2.

**Color Led:** Amber, Red, White, Green or Blue.



**Light:** Fix light or flasher.

**Body:** Aluminum

**Installation:** It is fixed to the floor with 2 component epoxy glue.

**Measure:** Length: 4.33 in., Width: 4.33 in., Height: 0.86 in.



## Economic Road Stud

Code: VIAL-804D

**Sides:** 1, 2.

**Leds:** from 3 to 6.

**Color Led:** Amber, Red, White, Green or Blue.



**Light:** Flasher.

**Body:** Polished natural aluminium

**Installation:** It is fixed to the floor with 2 component epoxic glue.

**Measure:** Length: 4.13 in., Width: 4.13 in., Height: 0.90 in.



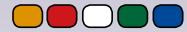
## Inox Steel Road Stud

Code: VIE-ACINO

**Sides:** 1.

**Leds:** 4.

**Color:** Led: Amber, Red, White, Green or Blue.

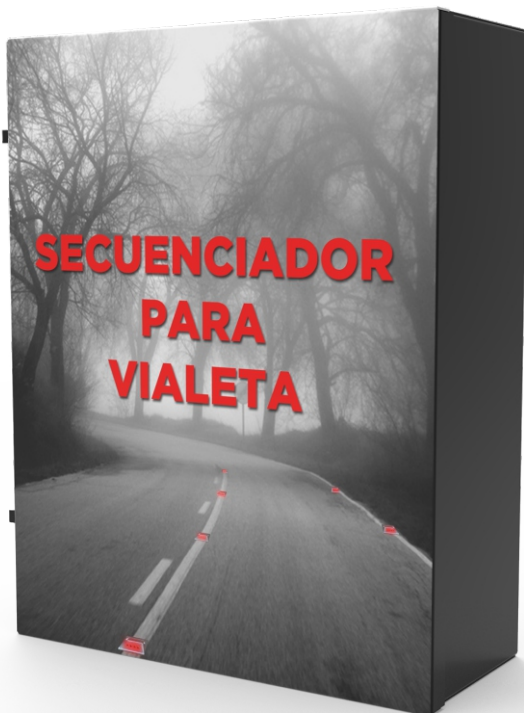
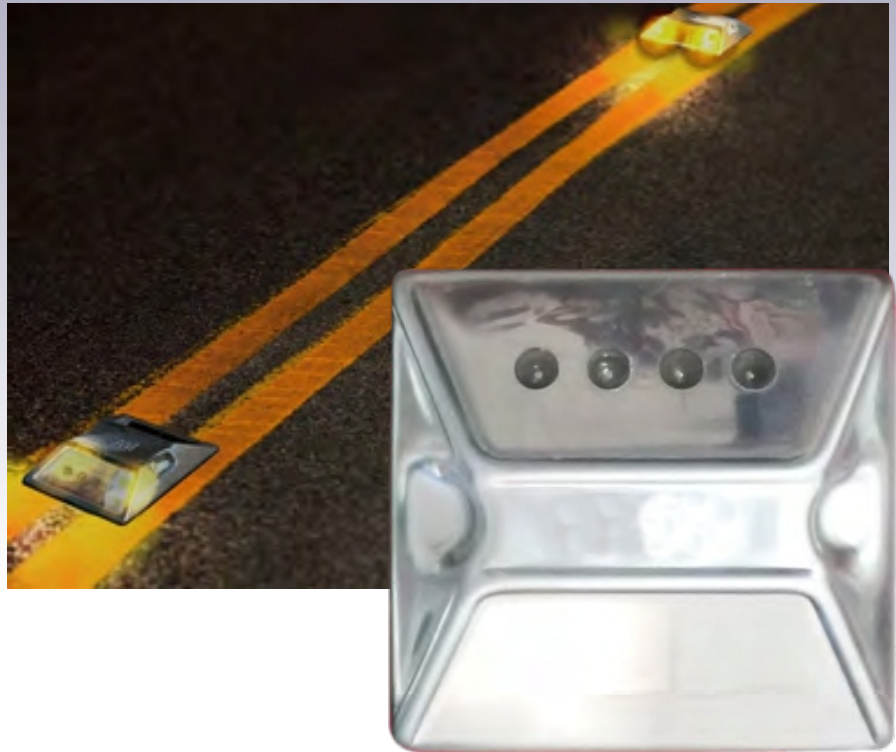


**Light:** Fixed, blinking, flashing or strobe.

**Body:** Polished stainless steel at height shine.

**Installation:** It is fixed to the floor with 2 component epoxic glue, underground electrical wiring.

**Measure:** Length: 4.72 in. , Width: 4.72 in. , Height: 0.86 in.



## Programmable Stud Sequencer

Code: SE-100-ME

- Integrated feeder and sequencer for road stud and electric buttons.
- Output at 24VDC 4.5 Amp.
- IP68 protection.
- Power supply 110/220V.
- For 2 or 3 functions
- To work until 100 or 200 lighten road studs



## General features:

- Buttons for channeling lanes, defining spaces or mark a rumble low speed zone.
- With lateral or superior lighting that adapts to any need. Diversity of materials for finishing that allows choosing the best presentation for each project.
- Designed and manufactured under SCT standards.
- Solar power system using high-quality photovoltaic cell and rechargeable battery guarantees operation more than 24 hours at full charge.
- Unidirectional or bidirectional for central or side rails.
- Fixed or blinking lighting with ON-OFF system sensitive to ambient light.
- In some cases, with cat eyes that allow the best light diffusion through tempered glass.

## Inox Small Luminic Button

Code: BACI-100-SOL

**Sides:** 1.

**Leds:** 2.

**Color Led:** Amber, Red, White, Green o Blue.



**Light:** Fixed or blinking with cat's eye in tempered glass.

**Body:** High brilliant polished stainless steel.

**Installation:** Fixed to floor with 2 component epoxic glue.

**Measure:** Diameter: 3.93 in. , Height: 1.18 in.

## Inox Large Luminic Button

Code: BACI-135-SOL

**Sides:** 1.

**Leds:** 4.

**Color Led:** Amber, Red, White, Green o Blue.

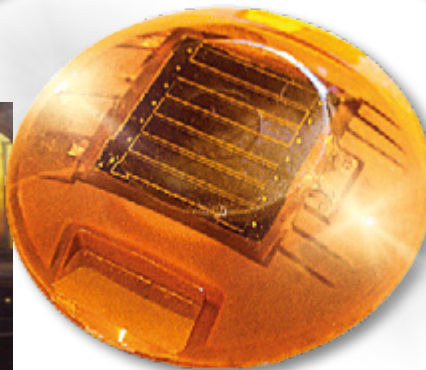
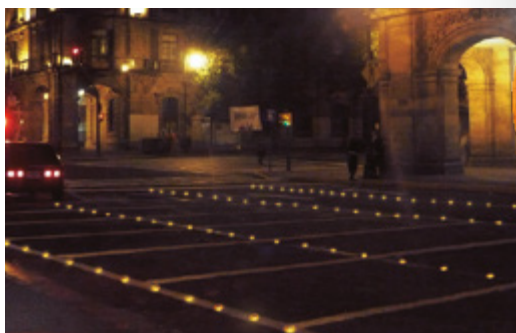
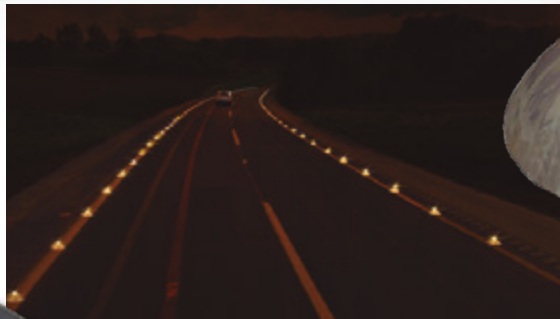


**Light:** Fixed or blinking cat's eye in tempered glass.

**Body:** High brilliant polished stainless steel.

**Installation:** Fixed to floor with 2 component epoxic glue.

**Measure:** Diameter: 5.31 in., Height: 1.57 in.



## Solar Large Button

Code: BT-1300-SOL

**Sides:** 1 o 2.

**Leds:** from 2 to 5

**Color Led:** Amber or Red.



**Light:** Fixed or blinking.

**Body:** Amber polycarbonate.

**Installation:** It is fixed to the floor with 2 component epoxy glue.

**Measure:** Diameter 5.11 in. , Height: 0.78 in.

## Solar Small Button

Code: BT-1000-SOL

**Sides:** 1.

**Leds:** 1.

**Color Led:** Amber o Red.

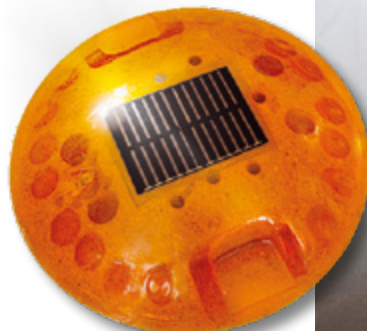


**Light:** Fixed or blinking.

**Body:** Amber polycarbonate.

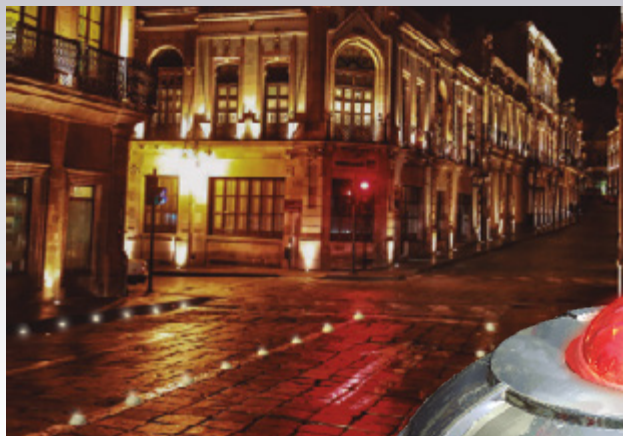
**Installation:** It is fixed to the floor with 2 component epoxy glue.

**Measure:** Diameter: 3.93 in, Height: 0.78 in.



## General features:

- To channel lanes, delimit spaces or conform zone of night vibrators for heavy vehicles.
- With superior lighting that adapts to any need. Diversity of materials for finishing that allows choosing the best presentation for each project.
- Designed and manufactured under SCT standards.
- Solar power system using high-quality photovoltaic cell and rechargeable battery bank that guarantee its operation up to 24 hours with full charge.
- Fixed or blinking lighting with ON-OFF system sensitive to ambient light.
- With cat eyes that allow the best light diffusion through the tempered glass from which they are manufactured.



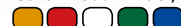
## Solar Aluminum Buoy

Code: BA-180-SOL

**Sides:** 1.

**Leds:** 6.

**Color Led:** Amber, Red, White, Green or Blue.



**Light:** Fixed or blinking with cat's eye in tempered glass.

**Body:** Aluminum polished to the high brightness.

**Installation:** It is fixed to the floor with 2 component epoxy glue.

**Measure:** Diameter: 7.08 in. , Height: 1.77 in.

## Solar Super Buoy

Code: TP-45-SOL

**Sides:** 1.

**Leds:** SMD.

**Color Led:** Red or White.

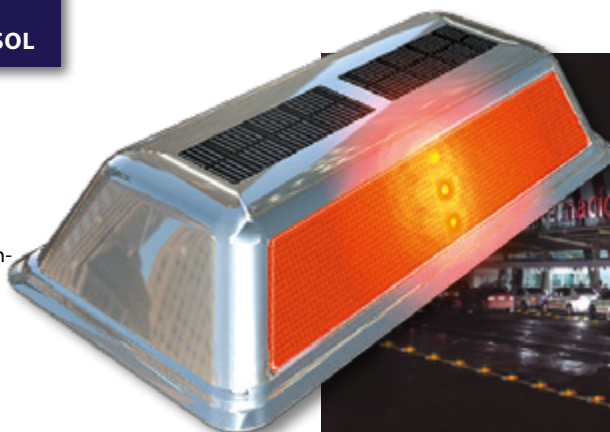


**Light:** Fixed or blinking.

**Body:** Natural anodized stainless steel.

**Installation:** It is fixed to the floor with 2 component epoxy glue.

**Measure:** Length: 9.64 in. , Width: 4.48 in. , Height: 1.96 in.



## Solar ABS Buoy

Code: ERC-194-SOL

**Sides:** 1.

**Leds:** 6.

**Color Led:** Amber, Red, White, Green or Blue.

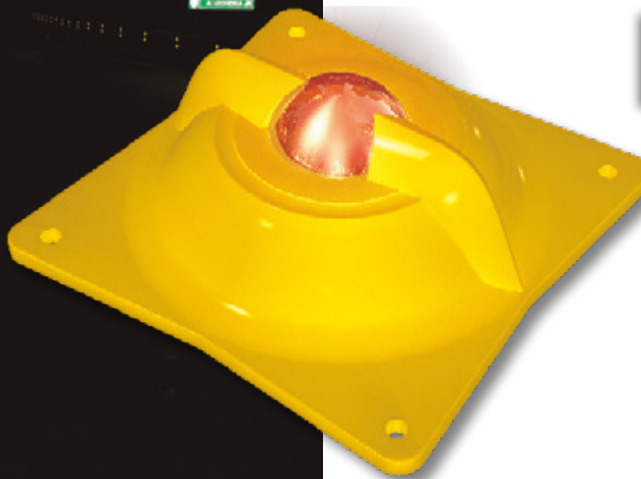
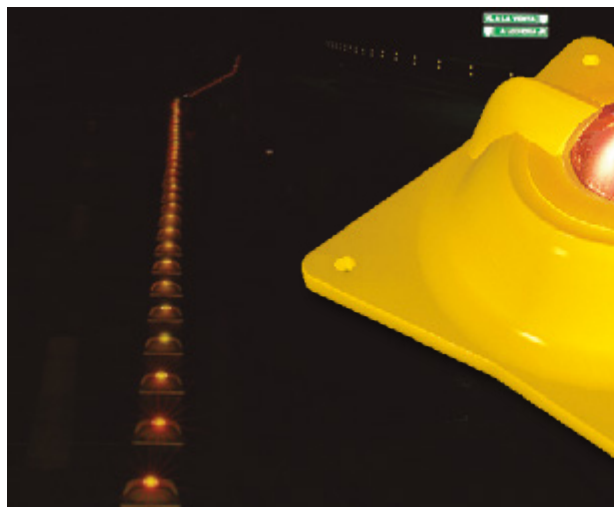


**Light:** Fixed or blinking with cat's eye in tempered glass.

**Body:** ABS.

**Installation:** Fixed to floor with 2 component epoxic glue.

**Measure:** Length: 7.63 in. , Width: 7.63 in. , Height: 2.87 in.





## Solar Baliza Brio 105

Code: BBRIO-105S

- Folding solar lighting baliza for channeling vehicle flow and limit lanes.
- The best option to signalize merges in crossings of incoming high speed traffic roads.
- Folding system without (potentially harming) metallic parts.
- Made out in impact resistant medium density polyethylene .
- Special base in engineering plastic.
- Reflective elements are Prismatic (Engineering Grade).

**Light technology:** Light Emitter Diode 5x Cluster (fix or flash).

**Power:** Solar photovoltaic cell

**Reflexive bands:** White (ask for optional colors).

### Measure:

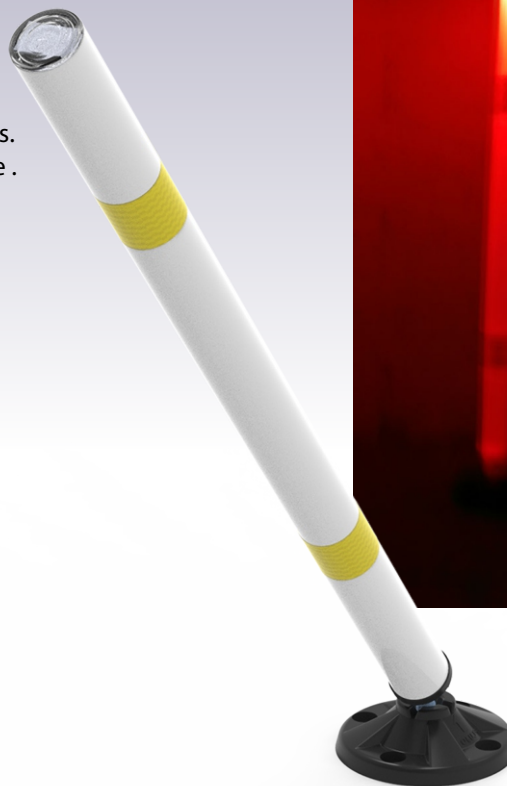
Height: 3 ft 5.33 in.

Body Diameter: 2.36 in

Base Diameter: 7.08 in

**Colors:** White ☐

**Reflexive:** Amber. ☒



## Solar Baliza Brio 1000

Code: BBRIO-1000S

- Folding solar lighting baliza for channeling and/or limit lanes and to make any alert along the road.
- The best for signalize two or more traffic crossings, merges or sharp turns.
- Impacts and run-overs resistant.
- Body made out in medium density polyethylene.
- Base made out in ABS with integrated folding system
- Two reflective rings of Prismatic (Engineering Grade).

**Light technology:** Light Emitter Diode 12x Cluster (fix or flash).

**Power:** Solar photovoltaic with rechargeables AAA batteries 1.5 Volts-1.1 mAh.

Battery cycle: 5hrs. charge x 60 hrs. operation.

**Reflexive:** amber (ask for optional colors).

### Measure:

Height: 3 ft 5.33 in.

Body Diameter: 4.56 in

Base Diameter: 7.08 in

**Colors:** White ☐

**Reflexive:** Amber. ☒



## Luminous Diamond Palette

Code: PDIA-15

- Palette for traffic alerts with LED and solar powered technology.
- Its main function is to illuminate, signalise and guide vehicles on restricted traffic areas and work zones as a reliable security vial.
- Body made out in clarified polypropylene, creating a resistant product with translucent features for best performance.
- First option accessory to put on top of barriers or cones.

**Illumination:** Two ultra-brilliant leds in fixed or flasher modes.

**Power:** Enhanced energy caption through daylight time with two solar photovoltaic cells to feed 2 AAA 1.2 v. rechargeable battery pack.

**Measure:**

**Length:** 5.9 in.

**Diameter:** 2.95 in.

**Functional height:** 9.05 in.

**Colors:** White, orange and yellow ☐ ☒ ☒

**Reflexives:** Amber or white ☒ ☐



## Poliflexy® Solar Cones

Codes: CNFI-71S, CNFI-91S

- Excellent signalise system for work areas, road mishaps and elsewhere.
- Led technology candlelight style with automatic turn on/off sensitive to environmental luminosity changes.
- Single body made out Poliflexy® with UV protection.

**Illumination:** Leds with fixed or blinking modes.

**Power:** Solar photovoltaic cell

**Measure:** Heights: 2ft 3.95 in. and 2 ft 11.82 in.

**Cuadrangular Base:** 14.56 in. by side

**Colors:** Orange or Yellow ☒ ☒

**Reflective:** White (optional). ☐





## Superflexible Solar Cones

**Codes:** CNSF-71L, CNSF-91L



- Economical, light and efficient signaling cone for work areas, road mi-shaps, sports areas, social events, emergencies, etc.
- Internal light and automatic ON-OFF system sensitive to ambient lighting.
- UV protection and light base that guarantees prompt application and easy handling.


**Illumination:** SMD flashing Leds.

**Power:** Solar with cell and battery bank.

**Measure:** Height: 2 ft 4 in. y 2ft 12 in.

Cuadrangular Bases:12.02 sq in. per side.

**Colors:** Yellow, Green, Blue or Orange,  with base black 

**Reflective:** White (opcional). 



## Informative Cone

**Codes:** CN-INF-LUZ

- Effective advertising and signaling assistant.
- Essential as an announcement or warning in works and detours, as well as in businesses, taxi sites and bus terminals.
- Luminous palette with crystalline mica that flickers.
- Two sides with Reflective applications or printing according to the user's needs.
- Top sphere-shaped top.

**Illumination:** Ultra bright red LED flashing.

**Power:** Interchangeable alkaline batteries.

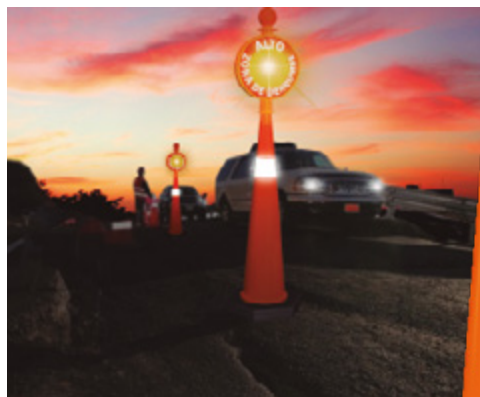
2-sided graphic art palette.

**Measure:** Total Height: 4 ft 11 in., Palette diameter :11.08 in.

Hexagonal Base: 7.08 in. per side.

**Colors:** Orange  base black 

**Reflective:** White (opcional). 



## Flash Lamps

**Codes: LD, LD2, LDS, LD2S, LD2-CH**

- Resistant lamps for road, pedestrian and road signs.
- Resistant body and internal light with methacrylate reflectant mica.
- Intelligent shutdown system, sensitive to the intensity of light in the environment.
- It has a holder in the back for installation in barricades, traffic drums and CandlelightTraffic Drums.

**Lighting:** Ultra-bright flashing red LED (60 f / m).

**Electronic power:** Alkaline battery pack.

**Solar power:** Photovoltaic cell and rechargeable battery bank.

**Measure:** Height: 11.81 in. , Base: 4.72 in. x 2.36 in. , Mica: 7.48 in.

**Body Color:** Yellow

**Translucent Mica Color:** Amber



**LD:** 1-sided lamp - electronics.

**LD2:** 2-sided lamp - electronics.

**LDS:** 1 side lamp - solar.

**LD2S:** 2-sided lamp - solar.



**LD2-CH**

**Measure:**

Length: 6.49 in.

Height: 10.43 in.

Width: 3.14 in.

## Work Lamp (economic)

**Code: LD2S-ECO**

- Economic lamp for signaling work.
- High strength polypropylene body and polycarbonate mica.
- Intelligent shutdown system, sensitive to the intensity of light in the environment.
- It has a metal holder in the back for installation in cones, barriers, barricades, trafisits, trafitampos, stairs, etc.

**Illumination:** Ultra bright Amber Led, intermittent blinking (65f / m).

**Solar power:** Photovoltaic cell and rechargeable battery bank.

**Presentation:** LD2S-ECO Solar 2-sided lamp.

**Measure:** Height: 13.11 in., Base: 7.97 x 3.77 in.,

Mica diameter: 8.1 in.

**Body Color:** o Yellow  **Translucent Mica Color:**  Amber







Code: LM



Code: LMB



Code: LS



Code: LSB

## "Seven" Flash Lamps

Codes: LM, LMB, LS, LSB

- Emergency lamps with intelligent flashing system.
- 7 flashes - recess 3 seconds - 7 flashes (up to a total of 140 flashes in 1 minute) with strobe effect.
- Excellent warning for daily work, emergencies and other uses.
- Translucent mica optimizes each light beam.

- Auto on/off photosensor system.

**Illumination:** Red Ultra-Bright stroboscopic LED

**Electronic power:** Battery Pack of integrated non-interchangeable alkaline batteries.

**Solar power:** Photovoltaic cell and rechargeable battery bank.

**Measure:** Mica: 4.92 in. Diameter, Handle: 3.93 in. Length and 1.57 in. Diameter, Base: 4.92 in. x 2.63 in. and 3.93 in. height.

**Body Color:** Yellow

**Translucent Mica:** Amb

**LM:** Lamp with handle - electronics.

**LMB:** Lamp with base - electronics.

**LS:** Lamp with handle - solar.

**LSB:** Lamp with base - solar.

## Post Aligner

Code: R-1145-LUZ



- Day & night warning signal for pedestrians and low traffic.
- Heavy base all weather resistant.


**Illumination:** External superior by means of 4, 5 or 6 LEDs  
Reds or Whites blinking. Auto on/off photosensor system.

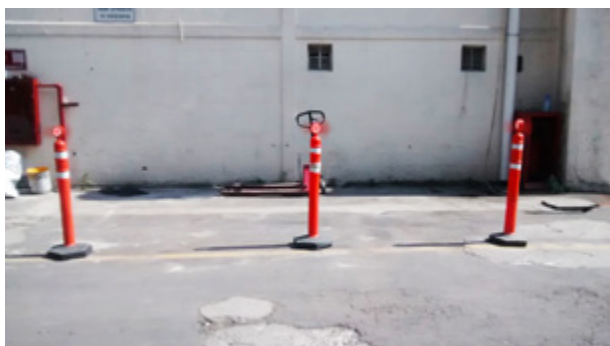
**Power supply:** Alkaline "D" batteries.

**Measure:** Height: 49.97 in., Diameter: 4.40 in.,

**Hexagonal Base** 8.39 in. per side.

**Colors:** Body Orange  base black 

**Reflective:** White. 



## Stroboscopic Barricade

Code: BA-110-LUZ



- Day & night warning signs for work areas and road mishaps.
- Unique police strobe light system, now solar powered.
- Heavy base that provides stability with protection against U.V rays.

**Illumination:** Internal led system with 17 functions controlling primary color combinations (Basic Blue-Red RGB) placed in top frontal protected with Translucent Acrylic

**Power supply:** 4 disposable alkaline "D" batteries.

**Power supply (optional):** Solar with external cell and hidden battery bank. It has an automatic on / off system sensitive to environmental light conditions.

**Bases:** Oval or decor model bases can be sand filled.

**Measure:** Height: 4 ft , Width: 15.15 in. , Length: 2 ft.

**Colors:** Body: Orange



Base: Yellow



**Reflectives:** White.



## Barricade Lighthouse

Code: BAFA-120-SOL

- Comfortable and modern barricade fits with construction work zones and else.
- Can be used to mark lanes in case of a temporary traffic counterflow on streets and avenues.
- For a better stability its base can be filled with sand.
- Can carry 3 or 6 reflective bands (optional).

Made out in medium density polyethylene with U.V. protection.

**Light Source:** Illumination system based on 12 ultrabright led cluster.

**Energy Supply:** Solar cell with natural light sensor and a very large capacity battery bank with fully automatic turn-on.

### Measure:

Height: 3.54 in., Top Diameter: 6.33 in.

Base Diameter: 13.85 in.

**Colors:** Body: Orange



Base: Black



**Reflective:** White





## Candlelight Traffic Drum

Code: TPS-120-LUZ



- Signaling for day and night works with internal light using high brightness LEDs.
- Heavy base that complements its functionality.
- With 2, 3 or 5 reflective bands.

**Illumination:** Internal lighten system with red flashing LEDs and automatic turn ON-OFF sensitive to environmental luminosity conditions.

**Power supply:** 4 Alkaline "D" disposable batteries.

**Base:** Heavy stuffed with sand for more stability.

**Measure:** Height: 4 ft, Top diameter: 1 ft 6.68 in.,

**Base diameter:** 23.01 in.

**Colors:** Body Orange ■ Base black ■

**Reflective:** White.  

## Electronic Light Traffic Drum

Code: TPS-117-LUZ

- Signaling for day and night work candlelighting using high brightness LEDs.
- Heavy base that complements its functionality.
- With 2, 3 or 5 reflective bands.

**Illumination:** Internal lighten system based on LED technology with automatic turn on/off.

**Energy Power:** 4 Alkaline "D" batteries.

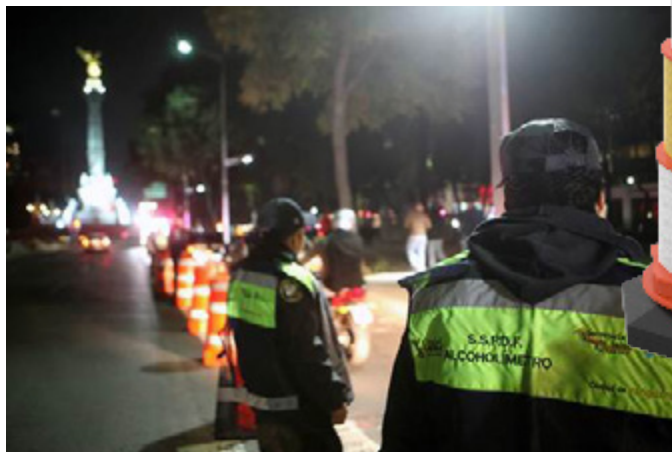
**Base:** Heavy stuffed with sand for enhanced stability.

**Measure:** Height: 4 ft. , Top diameter: 7.67 in.,

**Hexagonal base diameter:** 20.07 in.

**Body Color:** Orange ■ **Base:** black ■

**Reflective:** White  



**Signalizing with light**

**Codes: OD-12L, SR-L, SP-L, SPP-L, SIS-L, SIT-L, SR-O6-L.**

**General characteristics:**

- Signs in galvanized dye metal sheet cal.16 with attached solar-cell led system well sealed with polyurethane silicone.
- Electronic technology of sequential flashes in two and three planes.
- Reflective engineering grade and vinyl finished according regulatory SCT standards.

**Illumination:** Ultrabright diffusion LED optics with programmable sequences and intensity levels.

**Power supply:** Input (110-220 v)

**Solar:** : Cell powered system -integrated in the proper sign metal structure - guarantees luminous operation with plain battery charge during dark hours.

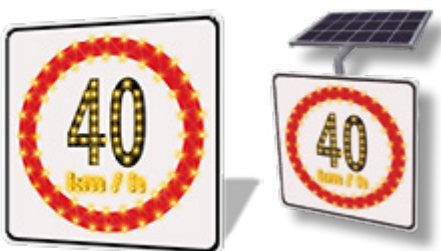
**Reflective:** According to regulatory SCT standards with engineering grade reflectives vinyl protected. Any other reflective material can be added on demand.

Dangerous Curve Signs (OD).



OD-12L "chevron"	35.43	x	29.92	in.	Solar power.
OD-12L "chevron"	35.43	x	29.92	in.	Electrical power supply.
OD-12L "chevron"	29.92	x	23.62	in.	Solar power.
OD-12L "chevron"	29.92	x	23.62	in.	Electrical power supply.

Restrictive signs (SR).



SR-L "restrictive"	46.06	in.	Solar power.
SR-L "restrictive"	46.06	in.	Electrical power supply.
SR-L "restrictive"	33.85	in.	Solar power.
SR-L "restrictive"	33.85	in.	Electrical power supply.
SR-L "restrictive"	27.95	in.	Solar power.
SR-L "restrictive"	27.95	in.	Electrical power supply.

Preventive signs (SP-SPP).



SP-L / SPP-L "preventive"	46.06	in.	Solar power.
SP-L / SPP-L "preventive"	46.06	in.	Electrical power supply.
SP-L / SPP-L "preventive"	33.85	in.	Solar power.
SP-L / SPP-L "preventive"	33.85	in.	Electrical power supply.
SP-L / SPP-L "preventive"	27.95	in.	Solar power.
SP-L / SPP-L "preventive"	27.95	in.	Electrical power supply.

Informative signs (SIS-SIT).



SIS-L / SIT -L "informative"	46.06	in.	Solar power.
SIS-L / SIT -L "informative"	46.06	in.	Electrical power supply.
SIS-L / SIT -L "informative"	33.85	in.	Solar power.
SIS-L / SIT -L "informative"	33.85	in.	Electrical power supply.
SIS-L / SIT -L "informative"	27.95	in.	Solar power.
SIS-L / SIT -L "informative"	27.95	in.	Electrical power supply.

Stop signs(SR).



SR-O6-L "Stop"	33.85	in. (13.77 in. per side)	Solar power.
SR-O6-L "Stop"	33.85	in. (13.77 in. per side)	Electrical power supply.
SR-O6-L "Stop"	27.95	in. (13.77 in. per side)	Solar power.
SR-O6-L "Stop"	27.95	in. (13.77 in. per side)	Electrical power supply.



## Luminous Arrows

Codes: FLE-14, FLE-15, FLE-18, FLE-25.

### General characteristics:

•Special flashing light signals for road and works signage, essential in road, industrial, school areas, etc. where cars and pedestrians circulate.

**Illumination:** Reds or Amber ultra-bright LED clusters with independent programming with 360 ° optical mica.

**Power supply:** Electric (110-220V), electronic (12-24V), solar (10-24 hours) or special hybrid for two or three loads with or without external backup.

**Support:** Metallic cal. 18 cart type Yellow traffic, fixed or dismountable with wheels for rough use.

**Cabinet:** Metallic cal. 18 closed box type or with rear doors, gloss black.

**Protection:** IP65 with phosphatized anticorrosive finish, primary in zinc chromate and catalyzed alkyd which allows us to guarantee an anti-salt and anticorrosive protection for work in tropical environment according to the SCT standard.

**Programming:** Sequential system (to display up to 8 sequences in 4 speeds).

**Measure:** Cart (47.24 x 70.86 in. x 57.08 in.) Cabinet (35.82 x 59.05 in.) Total armed (47.24 x 70.86 x 74.80 in.).

### Presentations:

**FLE-14:** Flechero with 14 led clusters.

**FLE-15:** Flechero with 15 led clusters.

**FLE-18:** Flechero with 18 led clusters.

**FLE-25:** Flechero with 25 led clusters.



FLE-25



FLE-18



FLE-15



FLE-14

## Smart Lights Trailer

Codes: RE-FLE, RE-LL09, RE-MINI, RE-MUL.

### General characteristics:

•For road signalizing and construction zones warning. Has multiple functions to show different alert messages.  
Useful in areas where pedestrians are mixed with vehicles traffic.  
The best in accidents prevention.

**Support:** PTR metal 4 "x 2" conditioned with lifting winch, shock absorbers, all-terrain R14 "pneumatic tires, reinforced axles, mechanical jack for balance, retractable leveling feet with brake, and anchor ball. Protection boxes for systems with vandal-proof lock and preventive skulls (night navigation lights), directional and intermittent with connection harness.

**Cabinet:** Metallic cal. 18 closed box type or with rear doors, Black glossy according to each project.

**Protection:** IP65 phosphatized anticorrosive finish, primary in zinc and catalyzed alkyd alkaline chromate that allows us to guarantee an anti-saline and anticorrosive protection for work on tropical environments according to the regulatory SCT standard.

**Trailer:** Metallic in PTR card 14 with boxes for systems;  
Yellow traffic, according to each project.

### Presentations:

**RE-FLE:** Trailer with 25 led clusters.

**RE-LL09:** Trailer with variable message board monochromatic

**RE-MINI:** Mini trailer with variable message board monochromatic

**RE-MUL:** Trailer with variable message board Monochromatic and shock absorber.



RE-FLE

**Signaling:** 25 led clusters (red or amber color) to display up to 8 different sequences in 4 speeds.

**Programming:** Preconfigured sequential card.

**Communication:** Button panel of the banister in vandal-proof control box.

**Power:** Electric (110-220V) or solar (12-24 hrs).

**Specialty:** Sequential light signaling.

**Measure:** Arrowhead (57.08 x 84.64 x 5.9 in.)

Trailer (22.47 x 102.36 x 82.67 in.).

Total deployed (94.48 x 1.02.36 x 139.76 in.)



RE-LL09

**Signaling:** Amber or White LED board that displays up to 25 preconfigured sequential variable messages.

**Programming:** Software in Spanish windows platform with its own user license.

**Communication:** Local USB-WIFI via connection in vandal-proof control box.

**Power:** Electric (110-220V) or solar (12-24 hrs).

**Specialty:** Signaling of variable messages.

**Measure:** Board (21504 pixels) (46.06 x 77.55 x 3.93 in.).

Trailer (22.47 x 102.36 x 82.67 in.).

Total deployed (94.48 x 1.02.36 x 139.76 in.)



RE-MUL

**Signaling:** Amber or White LED board that displays up to 25 preconfigured sequential variable messages.

**Programming:** Software in Spanish windows platform with its own user license.

**Communication:** Local USB-WIFI via connection in vandal-proof control box.

**Power:** Electric (110-220V) or solar (12-24 hrs).

**Specialty:** Variable message signaling with Vitemflex® shock absorber.

**Measure:** Board (21504 pixels) (46.06 x 77.55 x 3.93 in.).

Trailer (22.47 x 102.36 x 82.67 in.).

Shock absorber (33.07 x 95.27 x 29.52 in.).

Total deployed (94.48 x 137.79 x 139.76 in.)

**Signaling:** Amber or White LED board that displays up to 25 preconfigured sequential variable messages.

**Programming:** Software in Spanish windows platform with its own user license.

**Communication:** Local USB-WIFI via connection in vandal-proof control box.

**Power:** Electric (110-220V), electronic (12-24V), solar (12-24 hrs) or hybrid (on request) for 2 or 3 loads with or without external backup.

**Specialty:** Signaling of variable messages for long routes.

**Measure:** Board (12800 pixels) (31.49 x 62.99 x 3.93 in.).

Trailer (70.86 x 51.18 x 70.86 in.).

Total deployed (70.86 x 51.18 x 100.39 in.).



RE-MINI





## Luminous Arrows for Work Vehicles

Code: FLE-09-CD

### General characteristics:

- Special blinking lighten arrows for any cargo and on-road works vehicles. The best warning luminous system for your team. Portable and functional.
- The luminous arrow system is mounted in a metal frame for easy installation in front or rear faces of any vehicle.
- Highly recommended for highway maintenance teams.

**Illumination:** Programmable ultra-bright 9-LED clusters with red or orange translucent mica visible from all directions.

**Power supply:** 12-24 VDC from the vehicle battery (integrated start protection).

**Cabinet:** Metallic cal. 18 type closed felony-protected box. Bright black or yellow traffic color. It has hook-type metal brackets on its back side.

**Protection:** IP65 with phosphatized anticorrosive finish, primary in zinc chromate and catalyzed alkyd which guarantee anti-saline and anti-corrosive protection for operation in tropical environments according regulatory SCT standard.

**Programming:** Flashing system (displays 3 different sequences in 4 speeds).

**Measure:** 3ft x 4 ft 2 in. x 1 ft 7.68 in., Weight: 33.33 lb.

## Bidirectional Luminous Arrows

Code: FLE-02-CD.

**Illumination:** Ultra-bright amber color 16-LED clusters with synchro programming and optical mica for enhancing visibility from all points of view.

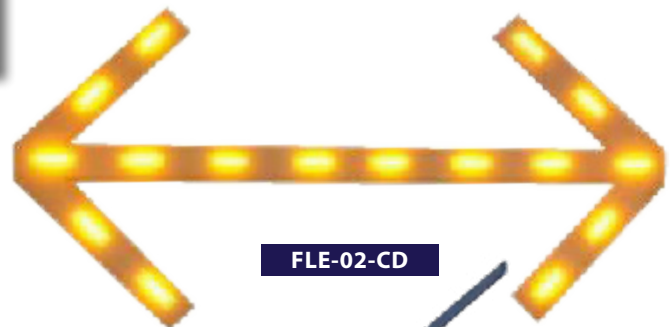
**Power supply:** 12-24 VDC from the vehicle battery (integrated start protection).

**Cabinet:** Metal structure cal.18 arrow type. Bright black or yellow traffic color. Can carry metal supports type g-width on reverse side according your needs.

**Protection:** IP65 with phosphatized anticorrosive finish: first in zinc chromate and second in catalyzed alkyd process to guarantee an anti-salt and anticorrosive protection for work in tropical environments according to regulatory SCT standard.

**Programming:** Flashing system (displays 3 different sequences in 4 speeds).

**Measure:** 2 ft 6.49 in. x 5 ft 6.92 in. x 3.14 in., Weight: 19.44 lb.



## 21st Century Parkin Lot Stopper

Code: TPES-S21

- The 21st century Parkin Lot Stopper design incorporates reflector area with viselated edges and beautiful rounded contours.
- Made of strong polyethylene (high molecular weight) with U.V. protection.
- Light and economic.

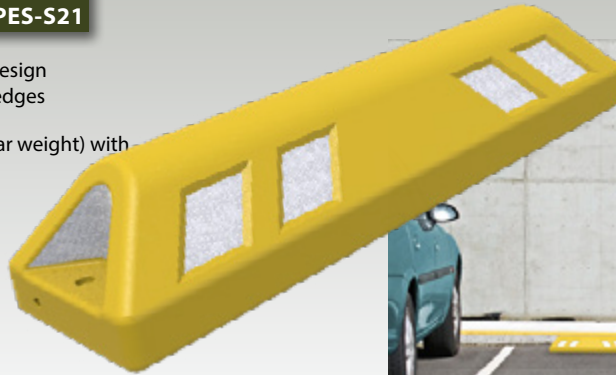
### Measure:

Length: 21.85 in.  
Height: 4.13 in.  
Width: 5.90 in.

Colors: Yellow or Black.



Reflective: White, Amber or Blue.



## Economic Parkin Lot bump Code: TPES-S-70

- It works perfectly as a channeler in avenues of low vehicular flow or as a parking stop.
- The installation requires the use of reinforced screws and plugs.
- Made of strong polyethylene (high molecular weight) with U.V. protection
- Economic.

### Measure:

Length: 27.55 in.  
Height: 3.14 in.  
Width: 6.29 in.

Colors: Yellow or black.



## Bump

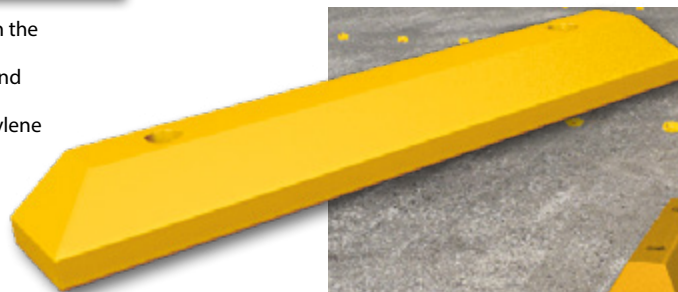
Code: TPES-S-80

- Due to its size, it improves the security in the isolation of parking spaces.
- It is fixed to the pavement with screws and dowels.
- Made of high molecular weight polyethylene with U.V.
- Economic.

### Measure:

Length: 31.49 in.  
Height: 3.14 in.  
Width: 6.29 in.

Colors: Yellow or black.







## Leader 60 parkin stopper

Code: TPES-L-60

- Parking stop with modern and attractive design.
- Made of Polymer Fusion, 100% recycled material with U.V. protection.
- Its high strength provides a long service life without falling apart or deforming like rubber bumpers.
- Easy to install
- They can also be used as confiners of bicycle lanes on streets and avenues with little vehicle flow.

### Measure:

Length: 23.62 in.

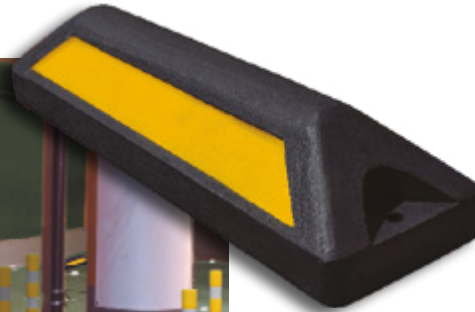
Height: 3.54 in.

Width: 5.51 in.

Colors: yellow or black.



Reflective: amber or blue.



## Parkin lot stopper

Code: TPES-N-55

- Long-term stop.
- It is recommended to divide drawers into parking lots.
- High quality finishes and much stronger than rubber bumpers.
- Practical and easy installation.
- With rounded edges.
- Option to wear Reflective or paint.
- Manufactured in Polymer Fusion, 100% recycled material.

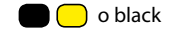
### Measure:

Length: 21.65 in.

Height: 3.93 in.

Width: 5.90 in.

Colors: black with yellow or black with blue.



Reflective: amber or blue.



## Large parkin stopper economic

Code: TPES-N-180

- Large and economical top of fine finishes.
- Perfect for dividing drawers into parking lots.
- Its construction fits perfectly on any surface.
- Do not paint peeling.
- Much stronger than rubber bumpers.
- With rounded edges.
- Option to wear Reflective or paint.
- Manufactured in Polymer Fusion, 100% recycled material.

### Measure:

Length: 5 ft 10.86 in.

Height: 3.93 in.

Width: 5.90 in.

Colors: black with yellow or black with blue.



Reflective: amber or blue.



## Parkin lot stopper economic Code:

TE-184

- Large and economical double purpose cap.
- Perfect for dividing parking drawers and creating advertising.
- Its construction fits perfectly on any surface.
- Reflectives (optional).
- I don't know about Color.
- Made of medium density polyethylene with U.V.
- Economic.

### Measure:

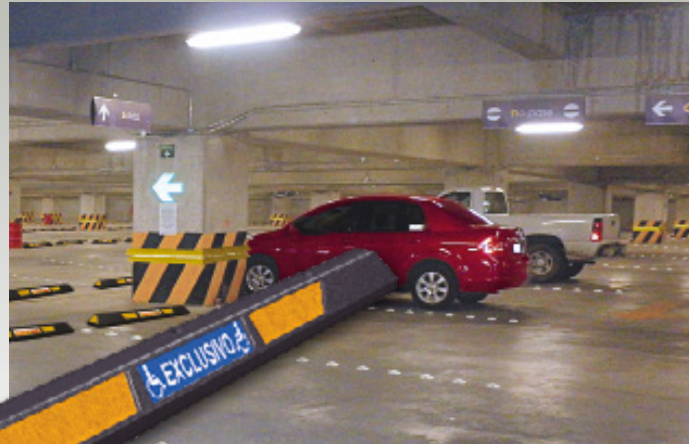
Length: 6 pies 0.44 in.

Height: 3.14 in.

Width: 5.90 in.

Color: Black ☒

Reflective: White or amber. ☐ ☐



## Parking Blocker

Code: BE-400

- To block parking places.
- Activation by remote control.
- In an upright position it becomes a warning signal that prevents vehicles from parking.
- With the arm folded horizontally, it has the appropriate height for the vehicle to park in place without hitting the device.
- Use 4 "D" type batteries.

**Measure:** Dejected height: 2.95 in.

Activated mode height: 15.74 in.

Width: 17.71 in.

Length: 17.71 in.

Color: Base black. ☒ Arm yellow. ☐



## Corner guard 80

Code: ESQ-CAU-80

- Rubber corner back.
- Special to protect corners of walls and columns in parking lots.
- They also protect vehicles from bumps and scratches.
- With Reflective stripes to increase your visibility.

### Measure:

Height: 2 ft 7.49 in.

Width: 3.54 in.

Length: 3.54 in.

Color: Black. ☒

Reflective: Amber. ☐





# REBOUNDABLE BOLLARDS AND PALETTES

## Poliflexy® 76 Bollard

Code: ITO-PF-76

- Ideal for creating entrances or exits on high-speed roads and highways.
- Made of highly flexible and resistant plastic material Poliflexy®.
- It supports multiple run-ins without suffering considerable damage saving lives and money.
- They are installed anchored to the floor with washer, screw and reinforced plug.
- Hexagonal base optional.

**Measure:** Height: 30.15 in.  
Diameter: 7.63 in.

**Colors:**

Orange, Yellow and White. ☒ ☒ ☐

**Reflective:**

White, Amber. ☐ ☒



## Poliflexy® 51 Bollard

Code: ITO-PF-51

- Because of their size, they can be placed on a wide variety of lane confiners, increasing the visibility of the device.
- Made of highly flexible and resistant plastic material Poliflexy®.
- It supports multiple run-ins without suffering considerable damage, saving lives and replacements.

- They are installed anchored to the floor with washer, screw and reinforced plug.

**Measure:**  
Height: 20.07 in.  
Diameter: 3.81 in.

**Colors:**

Orange, Yellow and White. ☒ ☒ ☐

**Reflective:**

White, Amber. ☐ ☒



## Poliflexy® 66 Bollard

Code: ITO-PF-66

- They are a good option to create special areas in parking lots or isolate specific areas, they are also used to create entries in roads that have less space.
- Made of highly flexible and resistant plastic material Poliflexy®.
- It supports multiple run-ins without suffering considerable damage which is reflected in savings from replacements.
- They are installed anchored to the floor with washer, screw and reinforced plug.
- Optional base

**Measure:**  
Height: 26.22 in.  
Diameter: 3.81 in.

**Colors:**

Orange, Yellow and White. ☒ ☒ ☐

**Reflective:**

White, Amber. ☐ ☒

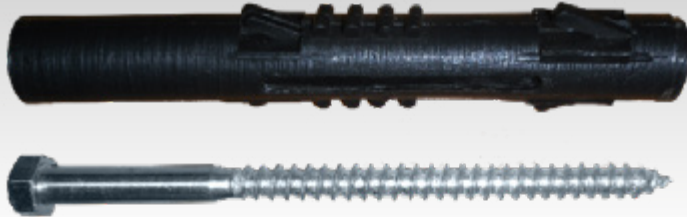


# REBOUNDBABLE BOLLARDS AND PALETTES



## Plastic Washers for post base

- Small: Diameter 3.14 in. Height 0.66 in.
- Medium: Diameter 3.93 in. Height 0.66 in.
- Large: Diameter 6.10 in. Height 0.66 in.



## "Extralarge" tack and "Ultrafix" screw

Code: JGO-TAQ-PIJ

- "Extralarge" polypropylene tack designed by experts to give strong anchoring to posts and pallets.
- "Ultrafix" screw expands the hole.



- Enough screw turns and the tack get its maximum expansion providing a super anchor.

- LargeTack: Length: 5.9 in., External Diameter: 0.74 in.
- Screw: 29v 3/8" x 6.14 in.
- flat sheave: 3/8".



## Highway Delineator Post

Code: ITO-B-75

Flexible plastic deviation post with rebound system which forces to get back to its original position after being hit.

- Post rounded base don't damage vehicle tires in case of impact.

Its fixed to floor with screw and reinforced plug.

- Includes three reflective bands.

### Measure:

Diameter: 3.34 in., Height: 29.52 in.  
Diameter base: 9.56 in.

**Colors:** Orange , Yellow.



**Reflective:** White , Amber.



## Flex-100 Post

Code: IT-FLE-100-1R/ 2R / 3R / 4R

- Very flexible post with 1, 2, 3 or 4 reflective bands and text or logo for a large number of applications. For limit bicycle lanes, channeling traffic or for signalise in two-way roads.

Also used as a warning sign in crosswalks and schoolchildren or sign for a total stop in alcohol test point and other police uses.

- Base made of Poliflexy® with U.V. protection
- Resist impacts and run-in recovering its form.

- Reflective areas depending on model.

### Measure:

Length: 5.9 in.  
Height: 3 ft 3.37 in.  
Width: 4.72 in.

**Colors:** White, Blue, Red, Green.



**Reflective:** White, Amber , Red.





# REBOUNDBABLE BOLLARDS AND PALETTES

## Folding Post

Codes: IT-AB-01/02/03

- Folding posts with recovery system that allows them to return to their original position after being impacted.
- Modular pieces made out in high density polyethylene.
- Good option to create special areas, parking lots or isolate zones, they are also used to limit lanes on two-way roads.
- Circular base floor anchored.
- Heavy base for temporal signaling.

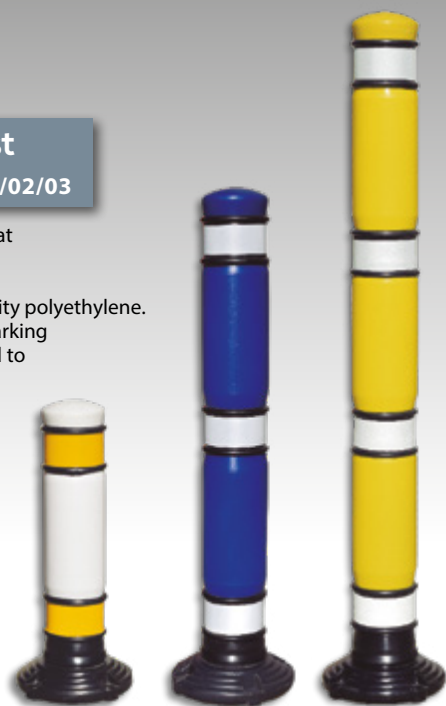
**IT-AB-01:** Height: 1 ft. 8.07 in.  
**IT-AB-02:** Height: 2 ft 8.67 in.  
**IT-AB-03:** Height: 3 ft 7.30 in.  
 Diameter: 4.29 in.

**Base:**  
 Diameter: 8.26 in., Height: 2 in.

**Colors:**  
 Orange, Yellow, Blue and White.



**Reflective:**  
 White , Amber.



IT-AB-01

IT-AB-02

IT-AB-03



- Any model can include heavier base for temporary signaling (weight more than 11.02 lbs).



IT-AB-02 heavy base

IT-AB-03 heavy base

## Easy Put & Remove Post

Code: IT-QP-01    Code: IT-QP-02  
 Code: IT-QP-03

- Special assembly post its best option to restrict access at specific times.
- Perfect for use in school entry and exit time, in parking lots or on streets and avenues.
- Recovery system: the post returns to its original position.
- Put & Remove system requires a previous hole in the ground, one by post.
- With round base for greater stability.

**IT-QP-01:** Height: 1 ft 8.07 in.  
**IT-QP-02:** Height: 2 ft 8.67 in.  
**IT-QP-03:** Height: 3 ft 7.30 in.  
 Diameter: 4.29 in.

**Base:**  
 Diameter: 8.26 in., Height: 1.96 in.

**For anchored in floor:** 7.87 in.

**Colors:**  
 Orange, Yellow, Blue and White.



**Reflective:** White , Amber.



IT-QP-03

IT-QP-02

IT-QP-01



# REBOUNDABLE BOLLARDS AND PALETTES



## Maxy Deviation Post

Codes: IT-MA-02 - IT-MA-03

The largest of our folding posts. Due to its size, it is suitable for channeling bicycle lanes, parking spaces, access to shopping centers and else. With recovery system that returns the post to its original position after being hit. Anchor to the floor or sustained by its base weight. Commonly used for temporary signaling.

**IT-MA-02:** Height: 3 ft 1 in.

**IT-MA-03:** Height: 4 ft 3.18 in.  
Diameter: 5.55 in.

**Base:**  
Diameter: 8.26 in. Height: 2.95 in.

**Colors:** Orange, Yellow, White, Blue.



**Reflective:** White, Amber.



IT-85



IT-110

## Deviation Post 113 / 136

Codes: IT-113 / IT-136

- Two deviation post models for temporary on-road marking.
- Also used to channelizing parking lots. Very useful to close streets or limit areas.
- Easy grip handle and heavy base for a strong stability.
- With three Reflective bands.
- The IT-113 also has space for two rectangular areas at the top that make it fully visible.
- Made of high density polyethylene.

### IT-113:

Height: 3 ft 6 in.

Diameter lower: 8.66 in.

Diameter top: 3.93 in.

### IT-136:

Height: 4 ft 3.18 in.

Diameter lower: 8.85 in.

Diameter top: 4.13 in.

**Colors:** Orange, Blue o Yellow.



**Reflective:** White o Amber.



IT-113

IT-136

## Post 110 / 85

Codes: IT-110 / IT-85

- Ideal signal in case of counterflow traffic.
- Post with heavy base (more than 176.36 lb.)
- Total stability.
- The option post when you need to isolate or signal areas easily and quickly. Closing streets, dividing lanes, signaling potholes or uncovered logs, manifestations or various events.

• It has a grip handle on top to facilitate placement and collection without lowering the construction vehicle.

• Presentation in two versions:

• The 110 post with more height includes slots to place boundary strips.

• The 85 post model is medium height.

• Both has flexible body made out of Poliflexy® that resists direct impacts without breaking and recover vertical position.

**IT-85:** Height: 2 ft 9.46 in.

**IT-110:** Height: 3 ft 7.30 in.

Diameter: 4.13 in.

**Base:** Diameter: 9.05 in.

Height: 5.51 in.

**Color:** Orange, Yellow.



**Reflectives:** White, Amber.





# REBOUNDBABLE BOLLARDS AND PALETTES

## Poliflexy® 82 Bollard

Code: ITO-PF-82

- New generation bollards are made out of highly flexible and resistant plastic material: Poliflexy®.
- Tests carried out show that the Poliflexy® bollard supports multiple run-ins without suffering considerable damage, saving more lives and money.
- It is recommended to install it to limit or channel on high-speed roads or highways.
- They are installed anchored to the floor with washer, screw and reinforced plug.

### Measure:

Height: 2 ft 8.28 in.  
Diameter: 6.29 in.

### Colors:

**Body:** Orange, Yellow, White. ☒ ☒ ☐

**Reflective:** White, Amber. ☐ ☒



## Poliflexy® Bollards 88 and 102

Code: IPT-88 / IPT-102

- The post made of highly flexible and resistant plastic material Poliflexy®.
- U.V. protection.
- It supports multiple run-ins without suffering considerable damage which is reflected in savings from replacements.
- It is recommended to install it to delimit or channel highways or high-speed roads, it can be used as a temporary signal by placing a heavy base.
- They are installed anchored to the floor with washer, screw and reinforced plug.
- Base for temporary signaling (optional).

### Measure IPT-88 without base:

Height: 2 ft 10.64 in.  
Diameter: 6.29 in.

### Measure IPT-102 with base:

Height with base: 3 ft 4.15 in.

### Colors:

**Body:** Orange, Yellow, White. ☒ ☒ ☐

**Reflective:** White, Amber. ☐ ☒



IPT-88



IPT-102

Optional Heavy base

## Poliflexy® Folding Palette

66 Code: PAP-66

- Folding palette made out of Poliflexy®, designed to withstand heavy blows and multiple run-offs, especially for channeling in two way roads, deviation points, access to parking lots and else.
- With two reflective bands, plus a rectangle at the bottom.
- Recommended to place it oriented at an angle of 8° against vehicular flow for best operation.
- Anchored to the floor with screw and reinforced plug.

**Measure:** Length: 8.77 in., Height: 2 ft 1.78 in.

### More details:

Height with base: 2 ft 8.28 in.  
Top width: 2.46 in.  
Lower width: 5.43 in.

**Colors:** Yellow, Orange. ☒ ☒

**Reflective:** White Amber. ☐ ☒



# REBOUNDABLE BOLLARDS AND PALETTES



## Flexible Palette with reflectives

Code: VF-31


- Accessory placed in parking lots, shopping centers, and as a channelizer in two way deviations, turnouts, roads and highways.
- Road stud base with prismatic acrylic reflective. Palette with three reflective circles to give excellent visibility during night.
- Made out of Vitemflex®.
- Recovers vertical position in any case.


### Measure:

Length: 4.92 in.

Width: 5.03 in.

Height: 1 ft 0.48 in.

**Color:** Orange. 

**Reflectives:** White, Amber. 



PC-40

PC-50

## Flexible Channelizer Palette


Code: PC-40 Code: PC-50


- Two pallets models for various channeling needs.
- Regularly installed as a warning signal on turnouts, access to high-speed roads or protected bike lanes.
- With three or four reflective circles.
- Base made out of soft material that can't cause any damage to vehicles.
- Palette made out of Poliflexy® U.V. protected

### Measure:

Height PC-40: 1 ft 3.74 in.

Height PC-50: 1 ft 7.68 in.

**Colors:** Orange, base black. 

**Reflectives:** White, Amber. 

## Super Palette 115

Code: VF-115


- It is placed on high-risk points, fast roads and highways. Its an important warning sign.
- Rigid or flexible models.
- If you want to increase your visibility you can integrate internal, external light or both.
- With 5 circles of high intensity that increase night visibility.
- Made of high density polyethylene with U.V.
- With option to carry heavy base for temporary signaling.


### Measure:

Length: 1 ft 7.9 in.

Width: 18.5 in.

Height with Base: 4 ft 1.21 in

**Color:** Orange, Black and White. 

**Reflectives:** White, Amber. 





## 80 Defender Post

Code: HI-80

- New generation 80 Defender Post made out in our high flexible resistant material Poliflexy®.
- Different tests confirms its resistance to various run-ins without suffering important damages, that means important savings to take in account about replacement time.
- To install on speed highways or as a help on traffic intersections and else.
- Three reflective bands for enhanced visibility.
- Installation on road with three screws and extralarge tacks.

### Measure

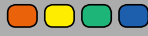
Height: 31.49 in.

Superior Diameter: 3.18 in.

Inferior Diameter: 7.87 in.

### Color:

Body: Orange, Yellow, Green and Blue



Reflexives: Black & White



## Solar 80 Defender Post

Code: HI-80S

- New generation Defender-post type made out in Poliflexy® our exclusive high flexible resistant material.
- Different tests confirms its resistance to various run-ins without suffering important damages, that means important savings to take in account about replacement time.
- To install on speed highways or as a help on traffic intersections, high risk zones. Are ideal equipment as a preventive signal.
- Solar lighted through high technology leds

Three reflective bands for enhanced visibility.  
Installation with three screws and extralarge tacks.

### Measure:

Height: 31.49 in.

Superior Diameter: 3.18 in.

Inferior Diameter: 7.87 in.

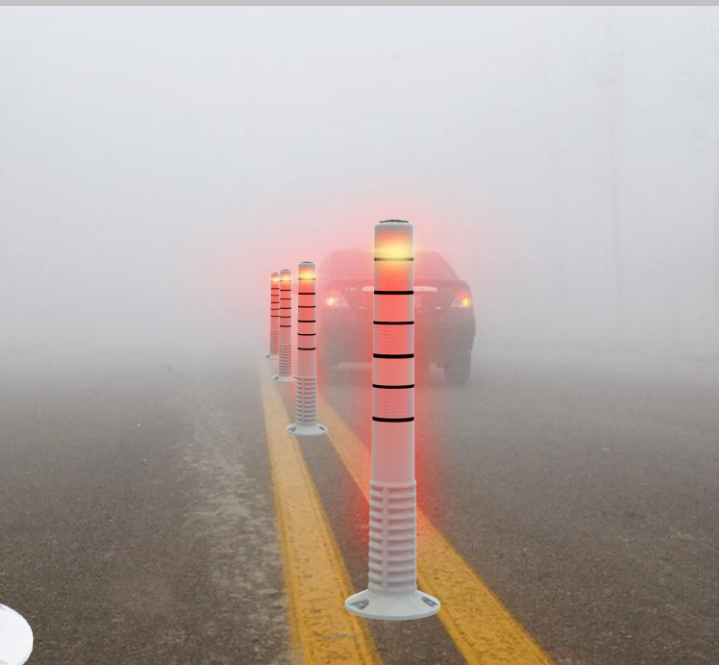
Color: White body



Reflective: Black & White



Color led: amber or red



# REBOUNDABLE BOLLARDS AND PALETTES

## Palettes Unix with Folding Base

Codes: PIX-120B-CL PIX-120B-IL PIX-120B-1C/2C



- Palettes for traffic signaling manufactured in polyethylene.
- Three UNIX models and combinations:
  - ABS base : Folding and resistant.
  - Heavy ballast base: Helps sustain device vertical and is also a portable option.
  - With PTR 2" post: The stronger fixed solution.

Unix Palettes are ideal to delineate road limits, transmit security alerts to motorists, pedestrian and cyclist, making safer environments. All models has its corresponding fully automatic solar choice.

### Options:

- Your logo label in front or rear faces or both.
- Circular illuminated sign (LED).
- Complete lighten body (LED) .
- The irradiated models use 4 solar cells.

### Measure:

Signs height and width: 15.74 in. x 3.11 in.  
Palettes height: 47.24 in.  
Total height with bonette: 47.83 in.  
Base: 8.77 in. x 8.77 in.

**Color:** Black

**Reflective:** white, yellow, blue, orange or digital press printings.



## Palettes Unix with Turtle Base

Codes: PIX-120BT-CL, PIX-120BT-IL, PIX-120BT-1C/2C



### Measure:

Signs height and width: 15.74 in. x 3.11 in.  
Palettes height: 51.37 in.  
Total height with bonette: 51.96 in.  
Base: 21.65 in. x 14.96 in.

**Color:** Black

Reflective: white, yellow, blue, orange or digital press printings.



## Palettes Unix with Steel Post

Codes: PIX-120PA-CL PIX-120PA-IL PIX-120PA-1C/2C



### Measure:

Signs height and width: 15.74 in. x 3.11 in.  
Height: 59.05 in.  
Total height with bonette: 59.64 in.  
Post: PTR 2"x2".

**Color:** Black

**Reflective:** white, yellow, blue, orange or digital press printings.





# LAMPS

## LED Stick

Code: LS-003

- Cane used in road works or repairs to warn and divert vehicle traffic.
- Red LED light with two functions: fixed or flasher
- Clip to attach to the belt and wrist strap.

**Measure:**

Diameter: 1.61 in.  
Height: 1 ft 8.47 in



## Strobe Lamp

Code: L-ES

- Lamp with red strobe warning light visible up to a distance of 500 meters.
- Base (battery pack) interchangeable with 4 "D" type batteries that makes it heavy to keep it stable or can be used embedded in the post.
- To turn on it is only necessary to turn the upper part.

**Measure:**

Diameter: 3.93 in.  
Height: 6.69 in.



## Turret Lamp

Code: GST-16

- Fabulous lamp with magnetic base that allows it to be placed in any position on metal surfaces, suitable for trailers or roadside assistance cars.
- 4 types of flashers.
- Powered by interchangeable batteries.

**Measure:**

Diameter: 4.13 in.  
Height: 5.11 in.

**Colors:** Blue, Green, Amber or Red. ■ ■ ■ ■



## Flashlight with Strobe and Tripod

Code: LS-002

- 3-in-1 accessory for roadside assistance, ideal for carriage.
- Constant white light in a classic hand lamp.
- Flashing red light emitting 70/90 flashes per min., Visible into a range of 50 meters by day and 100 meters by night.
- Functional as a warning light in case of repairs or accidents.

**Measure:**

Height: 12.59 in.  
Total Diameter: 2.55 in.



## Luminous Small Stick

Code: 250RG-AA

- Small stick lamp with three modes: fixed light white or red and flasher.
- It has a ribbon to hang on wrist.
- Magnetic handle to place on metal surfaces.
- Use 3 "AA" type batteries included.

**Measure:**

Diameter: 1.57 in.  
Height: 6.29 in.





## Image Signs

Code: L-IMA-1

- Signs and shields to announce - for example- cities name or state limits, exhibitions, commemorations, holidays, etc.
- Economical & easy to install.
- Made of medium density polyethylene with U.V.

**Measure and Colors:** According to customer needs.



## Luminous Giant Lettering

Code: L-IMA-2

Large letters with adequate internal light excellent as municipality or city welcome messages, as well as to announce large businesses, commercial plazas or offices.

- With LED-based lighting.
- Completely hermetic which prevents insects, dust or moisture from entering them.
- Made of medium density polyethylene with U.V.

**Measure:**

Words: Height 3 ft 3.76 in.

Width: 6.29 in.

Thickness: 6.10 in.

**Colors:** According to customer needs.



## Luminaire Stone

**Code:** L-ST

- The original design of the Luminaire Stone makes it an authentic, attractive and perfect piece to be placed in all kinds of parks, gardens, recreational centers, etc.
- Energy Saver
- Made out in security plastic material.
- Stainless steel post.

**Measure:**

**Luminary:** Diameter 15.74 in. ,

Height: 2 ft 4.74 in.

**Post:** Height: 9 ft 10.11 in.



## Scenic Decoration Lamp

**Code:** A-DECO

- A striking luminaire to armonize lighting in parks, gardens, boardwalks, avenues, etc.
- It can be installed on a pole or base near the ground.
- It is a beautiful ornament in restaurants, hotels, shopping malls, etc.
- Made out in security plastic material.
- Stainless steel post.

**Measure:**

**Luminary:** Height: 58.26 in.

**Post:** Height: 13 ft 1.48 in.



## Racket Lamp

**Codes:** L-RQ-2 , L-RQ-3

- Modern avant-garde lamp with excellent lighting provided by its powerful low energy consumption LEDs.
- To be located in parks, shopping centers, squares, streets, avenues, industrial buildings, etc.
- The design of 3d vents dissipate heat and extend life's lamp.
- In versions of 2 or 3 leds, available from 40 to 120W.
- Made out in ecological copper-magnesium-aluminum alloy.

**Measure:**

Length: 3 ft 1.40 in. , Width: 1 ft 1.38 in.

**Colors:** Grey, Yellow, White or Red.



**3 LEDs**



**2 LEDs**

# NOMENCLATURES

## Nomenclature


Code: NOM-91

- Easy handle model of classical street nomenclature. Shock resistant.
- Easy installation on any post or three.
- Message can be printed by screen process or by digital press.
- Optional Reflectives.
- Made in high density polyethylene with UV protection.

### Measure:

Length: 3 ft 5.14 in

Height: 8.46 in.

Color: Black. 



*We can produce all your urban signs with specific regulatory measures, colors, shapes, lights or materials requirements.*

*Check out our factory prices !*



## Urban Arrow Nomenclature


Code: NOM-104

- Arrow shape urban nomenclature gives the address and the traffic road way orientation.
- Can have two arrows shape on both extremes.
- Made in high density polyethylene with UV protection.
- Message can be printed by screen process or by digital press.
- Reflective bands or reflective paint are optional.

### Measure:

**1 Arrow:** Length: 3 ft 9.27 in., Height: 1ft., Width: 3.93 in.

**2 Arrows:** Length: 4 ft 3.18 in., Height: 1ft., Width: 3.93 in.

Colors: Black, other colors. 






## Luxury Street Nomenclature

Code: NOM-LU

- Big size luxury nomenclature for easy reading.
- The model on photo can be arrow shape. Its the best option for use in shopping centers, offices, parks, gardens and else.
- Can carry advertising or special decoration for enhanced impact.
- Made in high density polyethylene with UV protection.

### Measure:

Length: 3 ft 10.92 in. and 4 ft 10.66 in., Height: 1ft., Width: 6.49 in.

Colors: Black, yellow and gray aluminium   





## Dissuasive Speed Reducer 120

Code: TRD-120-CE, TRD-120-RE-IZ, TRD-120-RE-DE



- Large speed reducer, recommended to be placed in school zones or crosswalks, adequate height that does not touch the lower part of the vehicles.
- High relief lines that create a slight vibration, and Reflectives in each module increasing its visibility.
- Formed by assembled modules for different Lengths.
- With the option of putting end-cap modules (Codes: TRD-120-RE-IZ, TRD-120-RE-DE).
- Made of medium density polyethylene with U.V. protection.
- 100% recycled material.
- With a embedded road stud solar power (optional) becomes a luminous device.

### Measure:

Width: 2 ft.  
Length: 4 ft  
Height: 3.74 in.

**Colors:** Modules yellow & black .



**Reflective:** White or amber.



## Speed Reducer

Code: RDV-45

- Resistant and durable speed reducer, manufactured in assembled modular parts, useful to be placed in pedestrian crossings or avenues where it is necessary to control the speed of the vehicle flow.
- The central modules are interspersed in Black and Yellow Colors to make them more visible.
- Auction type male or female to assemble at the ends.
- Solid colors.
- To ensure its perfect functionality it is necessary to use reinforced screws and plugs in the installation.
- Made of high density polyethylene with U.V.
- Do not discolor.

### Measure:

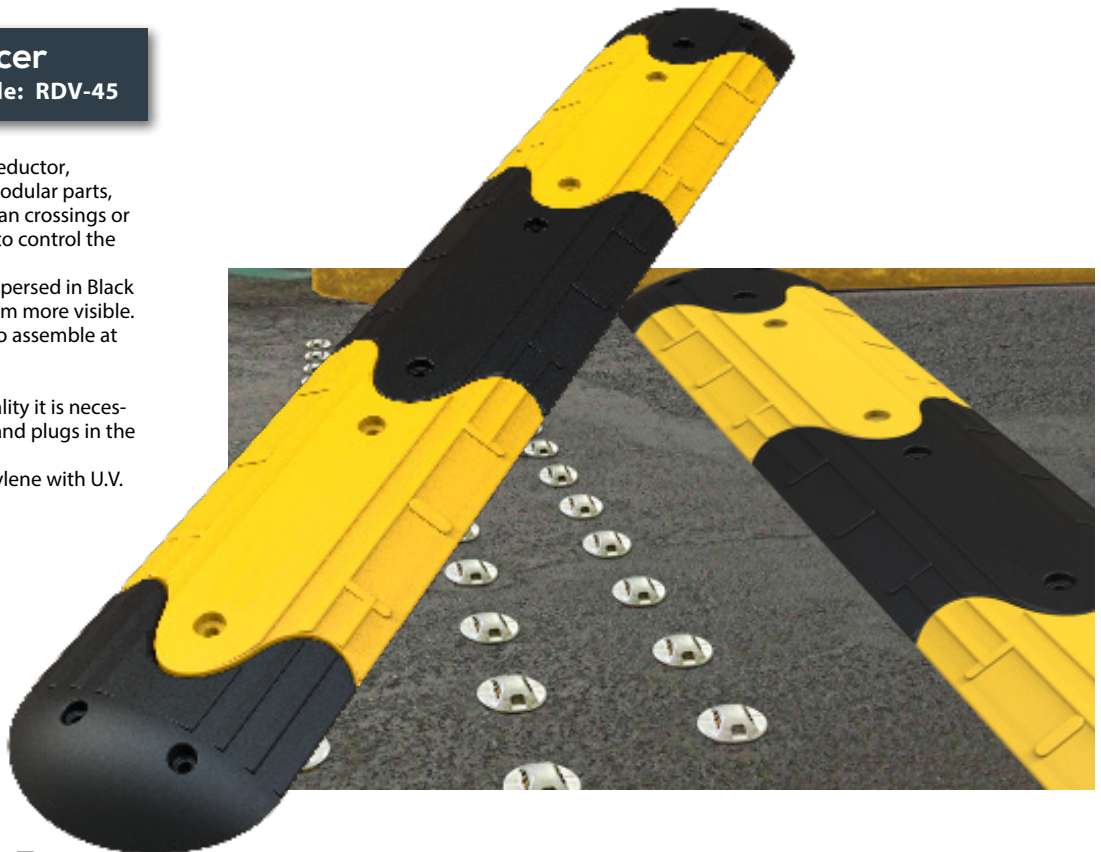
Central modules  
Length: 17.71 in.  
Width: 11.81 in.  
Height: 2.16 in.

Female - male junctions  
Length: 11.02 in.  
Width: 11.81 in.  
Height: 2.16 in.

**Colors:** Black and Yellow.



**Reflective:** White or amber.



# SPEED BREAKERS



## Speed breaker with spheres

Code: TR-EV-183

- Revolutionary speed reducer, ideal for replacing classic cement reducers, includes reflective glass spheres with the ability to reflect car lights from any angle.
- It is installed in any area where it is required to maintain control over the vehicle flow.
- Ideal height that does not touch the lower part of the vehicles, but enough to force them to reduce speed.
- Assemblies to form different lengths.
- Made of medium density polyethylene with U.V. protection.
- Includes 3/4" anchor bolts built into the speed reducer body.
- 100% recycled material.

### Measure:

Length: 72.04 in.

Height: 2.36 in.

Width: 11.02 in.

Colors: Black and yellow.



## Luminous Speed Reducer S-81

Code: R-S-81

- Modular speed reducer perfect for install in streets of residential areas, providing security and a pleasant view to drivers and visitors.
- Easy to install with reinforced plug and screw recommended to ensure durability and perform.
- Made out in medium density polyethylene.
- With option to carry solar LED illumination to increase nighttime visibility.

### Module:

Length: 11.81 in., Length: 15.74 in.

Width: 23.62 in. Height: 2.75 in.

### End:

Length: 7.87 in., Width: 23.62 in., Height: 2.75 in.

Colors: Black and yellow.



•Optional solar light.



**100% recycled material.**

## Scalable Reducer "S" (put & remove)

Code: R-S-81-QP

- Device for easy install, scale or remove, each part can match with the next other to integrate a speed reducer for temporary use, ideal for police or sanitary roadblocks.

- A system of steel anchors joint the pieces to assemble a speed reducer in a few minutes and put in place or remove it same way.
- Made of 100% recycled medium density polyethylene.
- Option to carry solar powered LED.

### Module:

Length: 11.81 in., Total Length: 15.74 in.

### End:

Length: 7.87 in., Width: 23.62 in., Height: 2.75 in.

Colors: Black and yellow.





## Dissuasive Ramp

Code: TRP-75

Designed to reduce speed and avoid risk situations towards pedestrians, cyclists and motorcyclists. Very resistant to the constant passage of vehicles. Non-skid surface. It is fixed to the floor by screws and dowels. They are interconnectable to cover different areas. Reflective included. Made of medium density polyethylene with U.V. 100% recycled material.

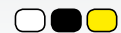
### Measure:

Length: 29.92 in.

Width: 23.22 in.

Height: 4.13 in.

Colors: White, yellow or black.



Reflective: White or amber.



## Zebra Crossing with leds

Code: PPRI-L-75

- Crosswalk of modern and innovative technology, illuminated with LEDs that provide perfect visibility over long distances, suitable for installation on any avenue.
- Several versions for different uses and applications.
- It is complemented with reinforced concrete between the ramps to be able to give the width of the pedestrian crossing that is required.

### Elements Measures:

#### Dissuasive ramp

Length: 29.92 in.

Width: 23.22 in.

Height: 4.13 in.

#### Crosswalk

Length: According to customer needs.

Width: On request.

Colors: White, black o yellow.



Reflective: White or amber.



Light according to the color of ramp.

## Speed Reducer 51

Code: CRR-51

- Excellent modular reducer to be placed on any street or avenue.
- It is manufactured in firm colors.

- Option to carry ROAD STUD of solar power LEDs to increase your visibility.
- It does not need special treatments or finishes, it is also very easy to clean of any residue.
- Made of medium density polyethylene with U.V. protection.
- 100% recycled material.
- It consists of several easily assembled modules.
- They are installed with reinforced plug and screws.

### Elements Measures:

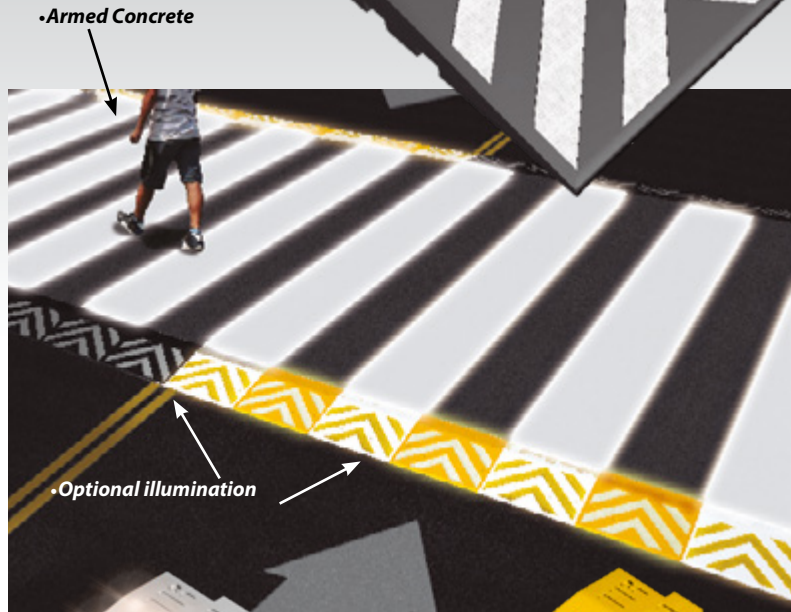
Header Length: 15.74 in.

Central Length: 19.68 in.

Height: 1.96 in.

Width: 5.90 in.

Colors: Yellow and black.



# SPEED BREAKERS

## Ditch Cover 140

Code: CSI-140

- Designed to cover trenches made by works public as electrical wiring, telephone, drinking water networks, natural gas, etc.
- At the same time it works as a speed reducer.
- With structural steel reinforcement to resist the passage of all types of cargo vehicles.
- With anchors that allow adjustment to ditches of 15.74 in. and 23.62 in. width
- With ROAD STUD solar lighting and arrows with Reflective (optional) for greater visibility at night.

### Measure module:

Length: 5.90 in.

Height: 3.93 in.

Width: 23.62 in.

**Colors:** Black and yellow.



**Reflective:** White or amber.



## Speed Reducer REVO

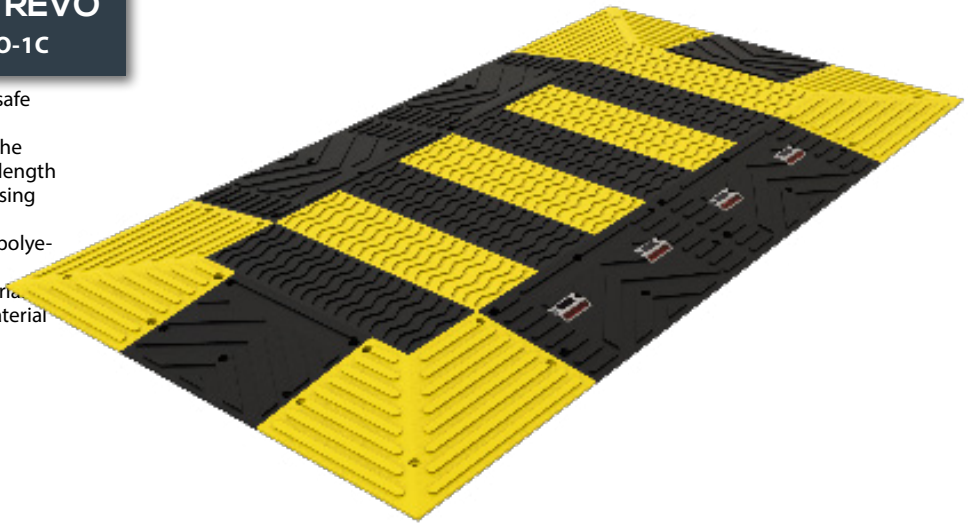
Codes: REVO-1P, REVO-1C

- Speed reducer specially designed to create a safe pedestrian crossing.
- Modular pieces that are assembled to adjust the crosswalk to the width of each street and the length required based on the number of people crossing each point.
- Modules made of 100% recycled low density polyethylene.
- The flat central section through which pedestrian cross can be of the same "REVO-1P" plastic material or "REVO-1C" concrete.
- With road stud solar lighting (optional).

### Measure:

Height: 2.75 in., width and length can be adjust on demand

**Colors:** Black and yellow.



REVO-1P



REVO-1C



# SPEED BREAKERS

## Eco-Speed Reducer


Codes: ECO-RI-140, ECO-RI-180

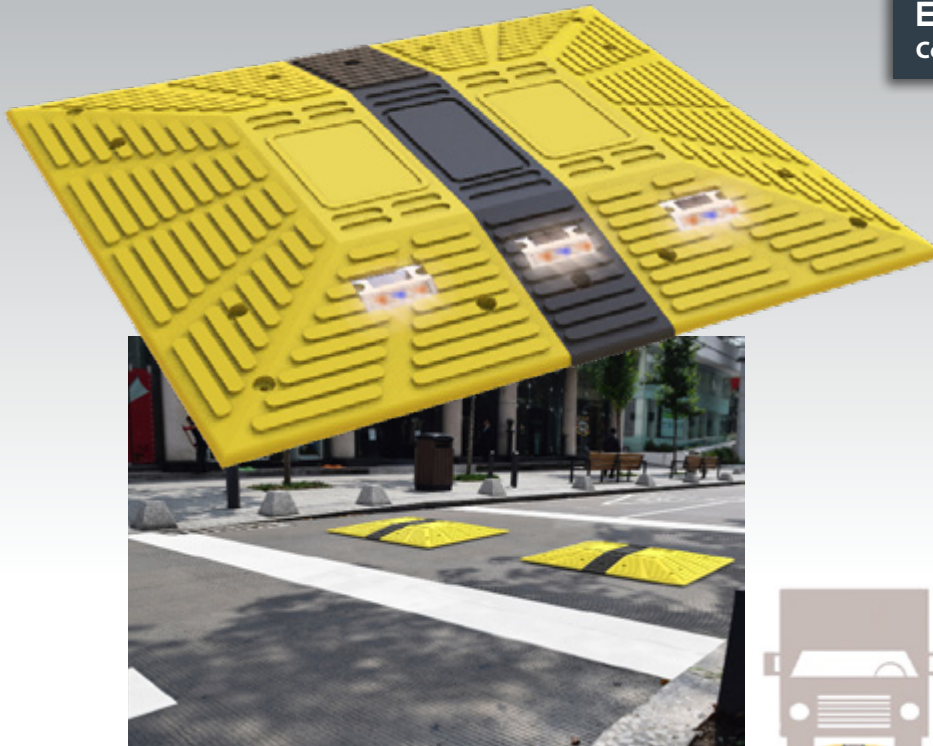
- Specially designed to force vehicles to reduce speed to be able to center the Eco-Reducer between tires without having to make a total stop, thus reducing pollution.
- You can generate lanes for cars with "Eco-Reducer 55.11". Or for trucks "Eco-Reducer 70.86".
- With optional embedded solar powered road stud.
- Made of 100% recycled medium density polyethylene with U.V.

### Measure:

ECO-RI-140: Width: 4 ft 7.11 in., Length: 4 ft  
Height: 3.93 in.

ECO-RI-180: Width: 5 ft 10.86 in., Length: 4 ft  
Height: 3.93 in.

Colors: Black and yellow. 



## Eco-Divisor

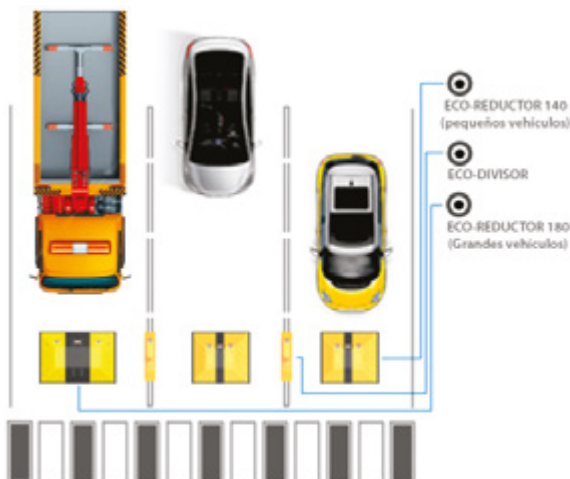
Codes: ECO-DIV-AC

- It is used in conjunction with the eco-reducers 140 and 180 in streets with large lanes where a guide is required as a separation forcing vehicles to pass through the Eco-Reducer.
- With two options: flexible bollard and/or embedded solar powered road stud to make it more visible in dark conditions.
- Made out of 100% recycled medium density polyethylene with U.V. protection.

### Measure:

Length: 4 ft  
Height: 4.72 in.  
Width: 11.02 in.

Color: Yellow. 



## Wall Reflectives M15 & M16

Codes: M-15 Y M-16

- Acrylic reflectors used to mark downpasses, concrete barriers, parking lots or areas with low light conditions.
- Economic, durable and easy to install.

**M16:** Length: 3.97 in.  
Width: 2.2 in.

**Reflective:**  
White, Amber, Red.



**M15:**  
Length: 1.96"  
Width: 1.96"  
Thickness: 0.27 "



## Reflectives RR-100 y RA-100

Codes: RR-100 Y RA-100

- Acrylic reflectors easily placed on sidewalks or posts.
- It works as an effective warning to avoid impacts.
- Improves safety in curves or dangerous entrances.

**Measure:**  
Length: 3.89 in.  
Width: 0.62 in.  
Thickness: 0.15 in.

**Reflective:**  
White, Amber, Red.



## Reflective for barriers

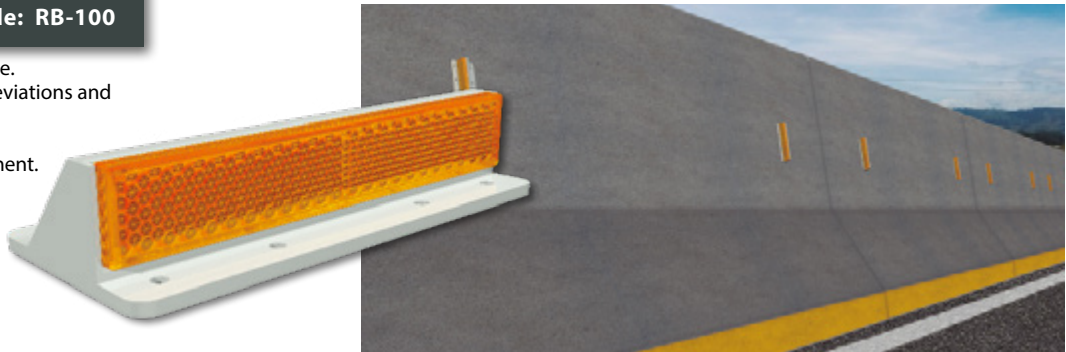
Code: RB-100

- Acrylic reflectors with plastic base.
- Useful for signaling sidewalks, deviations and elsewhere.

- High reflectivity and easy placement.

**Measure:**  
Length: 4.09 in.  
Width: 1.77 in.  
Height: 0.82 in.

**Reflective:**  
White, Amber, Red.



## Reflective for barriers

Code: MRB-12

- Special for night signage and in dark zones.
- Must installed on barriers, tunnel walls and roads.
- Maximum reflectivity and easy placement.

**Measure:**  
Length: 4.44 in.  
Height: 5.03 in.  
Width: 0.47 in.

**Reflective:** White, Amber, Red.



## Reflective Hanging Palette

Code: PLR-10

- For temporarily signal in traffic points.
- With high intensity reflectives on one or two sides.
- Also can carry all kinds of advertising.
- Made out of plastic.

**Measure:**  
Height: 6.18 in.  
Width: 4.13 in.  
Thickness: .98 in.

**Reflective Area:** 3.93 in. of diameter.

**Reflective:**  
White, Amber, Red.





# REFLECTIVE TAPES

## Engineering Grade

- Reflective for temporary or permanent rigid outdoor signage.
- Omnidirectional.
- High quality and durability.
- Uniform visual retroreflectivity in any orientation of the signal surface.
- Quality certificates No. 102413-AGNE-0022-001 and 20110128-04.

**Presentation:** Foil or roll.

**Colors:** Yellow, Blue, White, café, Red, Green and Orange.

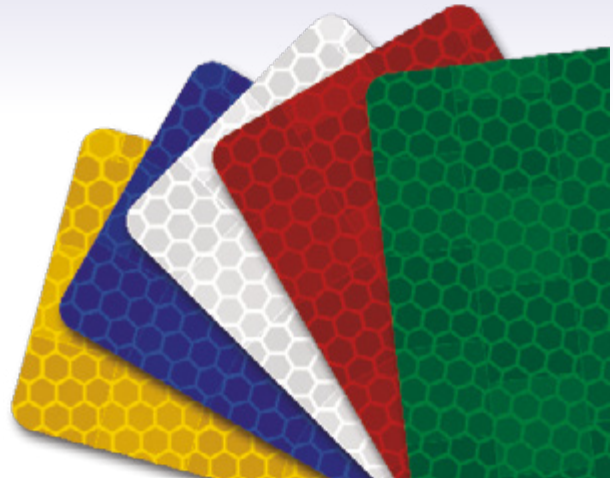


## Prismatic Engineering Grade

- Reflective for permanent or temporary traffic signals.
- Its exclusive construction with microprisms arranged in different orientations ensures a uniform visual reflectivity from any angle and provides a height level of retroreflectivity.
- Quality certificates No. 102413-AGNE-0022-001 and 20110128-04.

**Presentation:** Foil or roll.

**Colors:** Yellow, Blue, White, Red, Green and Orange.



## High Intensity Grade

- Reflective used in permanent or temporary signals.
- Multidirectional
- High intensity microprismatic retroreflective performance.
- Uniform display during the day and night.
- Quality certificates No. 102413-AGNE-0022-001 and 20110128-04.

**Presentation:** Foil or roll.

**Colors:** Yellow Fluorescente, Orange fluorescente, Red, Green, Blue, Yellow and White.



## Very High Intensity Grade

- Reflective used for signals that need high visibility.
- Omnidirectional microprismatic film.
- Premium product that offers high-level viewing levels.
- Contains microprisms arranged in various orientations, this "intelligent in all angles" feature offers the guarantee of having great visual reflectivity in all directions.
- Quality certificates No. 102413-AGNE-0022-001 and 20110128-04.

**Presentation:** Foil or roll.

**Colors:** Yellow Fluorescent, Orange fluorescent, Red, Green, Blue, Yellow and White.



## Banderole


Code: BAND

- Practical and economical signal to warning round work areas, natural disasters or road accidents.
- The banderole can be handled or placed over cones or barriers.
- With reflective bands on both sides.
- Made out of ribbed sport mesh with PVC handle.

### Measure:

Length: 17.71 in.

Width: 17.71 in.

Color: Orange. 





## Jacket

Code: SAFETY JACKET 01

- Special colorful jacket in colors for people who work at night on road works, with fiss fiber lining and Reflective bands on sleeves and torso that increases their visibility during the night.
- Side bags and closure.
- Made out in 100% nylon.

Sizes: small, medium and large

Colors: Orange ,Yellow.  

Gray 






## Camisole and Pants

Code: SAFETY SUIT 01

- Set: uniform designed for people who work on avenues with constant traffic.
- With strips of reflectives on camisole sleeves, torso and legs.
- Bags in pants and camisole.
- Made out in mixed polyester / cotton.

Sizes: small, medium and large

Colors: Yellow, Green or Blue.   








## Polyester Vest

Code: RC-V02

- Reflective vest, ideal to protect people who work on road works.
- Visible at a great distance providing high security.
- With strips of reflective covering the back.
- Made of 100% polyester.
- Complies with regulatory standards ANSI / ISEA 107-1999 and EN 471

**One size for all.**

**Color:** Orange. 




## Mesh Vest

Code: C-13

- Vest that should never be missing on construction or road works for safety matters.
- It has strips of prismatic reflectives with microspheres that make it perfectly visible at night.
- Made out in ribbed sport mesh.

**One size for all**

**Color:** Orange neon. 



## Vest with Light

Code: CE-13

- Accessory with extra visibility to support night road workers.
- Blinking light.
- Interchangeable batteries (included).
- With a cocktail pin.
- Made of ribbed sport mesh.
- Resistant to rain and extreme environmental conditions.

**One size for all**

**Color:** Orange neon. 

## Two piece waterproof sleeve

Code: RAIN CORT-PCH01

- Recommended to use during works in rainy conditions to maintain visibility for incoming drivers.

- Consists of jacket and pants.
- Clasp closure.
- With integrated hood.
- Two 2" width reflective strips on jacket sleeves and around the entire torso.
- Pants with two 2" reflective strips horizontally surrounding each leg.
- With adjustable straps.
- Made out in PVC

**Sizes:** small, medium, large

**Color:** Yellow. 



## Waterproof Sleeve

Code: RAIN CORT-GAB01

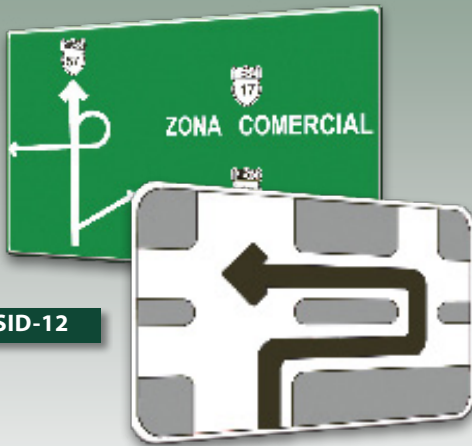
- Garment to protect from rain without losing mobility or visibility during on-road work.
- One-piece raincoat type.
- Clasp closure.
- With integrated hood.
- Two 2" width reflective strips on raincoat sleeves and around the torso.
- Very resistant.
- Made out in PVC

**Sizes:** small, medium, large

**Color:** Yellow. 







Code: SID-12

## Destination Information-SCT

- Signal that provides information regarding destinations and helps drivers to choose and confirm it.
- Located at the foot of highways, roads, etc.
- Made of 16 gauge galvanized sheet.
- TComply with regulatory SCT rules.



Code: SID-8



Code: SID-10



Code: SID-9



Code: SID-11



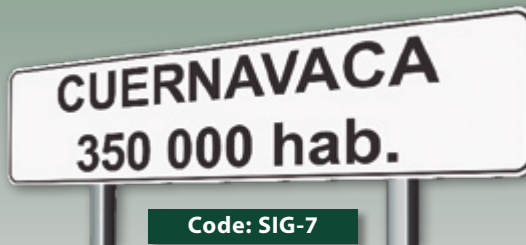
Code: SID-14



Code: SID-15

## Informative Recommendation and Identification regulatory road signs

- Informative recommendation signs reminds good driving practices so that they can perform it safely.
- Informational Identification Signs that help indicate to the user what type of road it is (federal, state, or rural road), or indicate to the user the path that the road follows, also fulfill the function of giving notice of geographical locations or streets.
- Manufactured in 16 gauge galvanized sheet with Reflective engineering grade or high intensity and legends printed in silkscreen or vinyl.
- They comply with the rules of the SCT.



Code: SIG-7



Code: SIG-8



Code: SIG-11



Code: SIR



Code: SIR



Code: SIG-9



Code: SIG-10



Code: SII-6



Code: SII-9



Code: SII-7



Code: SII-14



Code: SII-11



## Restrictive Road Signs - SCT



Código: SR-6



Code: SR-7



Code: SR-8

- Sign that informs users of the existence of regulatory limitations or prohibitions.
- Manufactured in 16 gauge galvanized sheet with reflective band engineering grade or high intensity color white adhesive film.
- Letters, numbers, pictograms and fillets with screen process ink or vinyl.
- Comply with regulatory SCT rules.



Code: SR-9



Code: SR-10



Code: SR-11



Code: SR-11A



Code: SR-12



Code: SR-13



Code: SR-14



Code: SR-15



Code: SR-16



Code: SR-17



Code: SR-18



Code: SR-19



Code: SR-21



Code: SR-22



Code: SR-23



Code: SR-24



Code: SR-25



Code: SR-26



Code: SR-27



Code: SR-29



Code: SR-31

## Restrictive Circular Road Signs



Code: SR-8



Code: SR-9



Code: SR-15

- New restrictive signs that comply with the provisions of the Traffic Regulations.
- Manufactured in 16 gauge galvanized sheet with Reflective engineering grade or high intensity white adhesive film.
- Letters, numbers and fillets with silkscreen or vinyl ink.
- Comply with regulatory SCT rules.



Code: SR-16



Code: SR-17



Code: SR-18a



Code: SR-18b



Code: SR-19a



Code: SR-21a



Code: SR-29



Code: SR-30



Code: SR-38



Code: SR-39



Code: SR-41a



Code: SR-41b



Code: SR-45



Code: SR-47



## Preventive regulatory road signs

- Signal that warns the driver of potential hazards, warns about irregularities on the ground or helps prevent accidents in areas covered by pedestrians.
- Manufactured in 16 gauge galvanized sheet, Yellow background color in Reflective adhesive film.
- Letters, numbers, pictograms and fillets with serigraphic ink or vinyl.
- They comply with the regulatory SCT measures.



Code: SP-6



Code: SP-7



Code: SP-8



Code: SP-9



Code: SP-10



Code: SP-11



Code: SP-12



Code: SP-13



Code: SP-14



Code: SP-16



Code: SP-17



Code: SP-18



Code: SP-19



Code: SP-20



Code: SP-21



Code: SP-22



Code: SP-23



Code: SP-24



Code: SP-25



Code: SP-26



Code: SP-27



Code: SP-28



Code: SP-29



Code: SP-30



Code: SP-31



Code: SP-32



Code: SP-33



Code: SP-35



Code: SP-36



Code: SP-37



Code: SP-38



Code: SP-39



Code: SP-40





## Informative regulatory signs

- Sign that guides users on their path through streets and roads informing them about the proximity of services (telephones, hotels, gas stations, hospitals, etc.).
- Manufactured in 16 gauge galvanized sheet with adhesive grade engineering bottom.
- Letters, pictograms and fillets with silkscreen ink or matte vinyl.
- They comply with the rules of the SCT.



Code: SIS-1



Code: SIS-2



Code: SIS-3



Code: SIS-4



Code: SIS-5



Code: SIS-6



Code: SIS-7



Code: SIS-8



Code: SIS-9



Code: SIS-10



Code: SIS-11



Code: SIS-12



Code: SIS-13



Code: SIS-14



Code: SIS-15



Code: SIS-16



Code: SIS-17



Code: SIS-18



Code: SIS-19



Code: SIS-20



Code: SIS-22



Code: SIS-23



Code: SIS-24



Code: SIT-5



Code: SIT-6



Code: SIT-7



Code: SIT-8



Code: SIT-9



Code: SIT-10



Code: SIT-11



Code: SIT-12



Code: SIT-13



Code: SIT-14



Code: SIT-15

## Regulatory On-Road Works Protection Signs

- Signal that warns users about some type of incidents that affect the road.
- Manufactured in 16 gauge galvanized sheet, Reflective film engineering grade or high intensity orange color..
- Pictograms, texts and fillets in screen process ink or black vinyl.
- They comply with SCT mexican road regulations.



Code: DPI-7



Code: DPC-1



Code: DPP



Code: DPI-7



Code: DPI-8



Code: DPI-8



Code: DPI-7

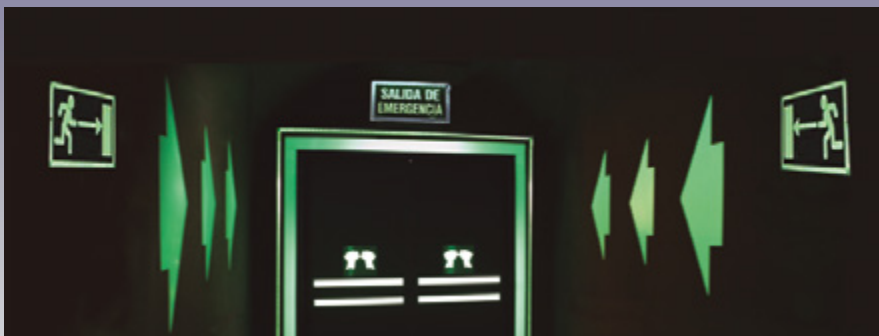


Code: DPI-9





# PHOTOLUMINESCENCE SIGNALS



## Photoluminescence signals

- Signals for all types of notices.
- With two countersunk holes for fixing screw.
- Manufactured in extruded curved profile of anodized and satinized aluminum.
- With option to carry photoluminescence effect on it, also for outdoor use with reflective high intensity film.
- Complies with the regulatory standard: NOM-003-SEGOB-2011.

### Evacuation Arrows



**Code: DP-01**  
7.87 x 7.87 in.



**Code: DP-02**  
7.87 x 7.87 in.



**Code: DP-24**  
7.87 x 7.87 in.



**Code: DP-25**  
7.87 x 7.87 in.

### Fire Equipment Signs

### Information Signs



**Code: DP-47**  
7.87 x 7.87 in.



**Code: DP-48**  
7.87 x 7.87 in.



**Code: DP-68**  
7.87 x 13.77 in.

### Location



**Code: DP-69**  
7.87 x 13.77 in.

### Compulsory Signs



**Code: DP-78**  
7.87 x 19.68 in.



**Code: DP-79**  
7.87 x 19.68 in.

### Restrictive Areas



**Code: DP-107**  
7.87 x 11.81 in.



**Code: DP-108**  
7.87 x 11.81 in.



**Code: DP-119**  
7.87 x 11.81 in.

### Prevention



**Code: DP-120**  
7.87 x 11.81 in.

### Dangerous Materials or Residuals



**Code: VL-4.4.4.3**  
7.87 x 7.87 in.



**Code: WH-9.9**  
7.87 x 7.87 in.

### Chemical Substances



**Code: WH-6.6.V**  
7.87 x 7.87 in.



**Code: YEW-5.5.1.2**  
7.87 x 7.87 in.



**Code: 4.4**  
7.87 x 7.87 in.

### Fuels



**Code: RED-2.2.2.3**  
7.87 x 7.87 in.

### Explosives



**Code: ONG-1.1.1.1**  
7.87 x 7.87 in.



**Code: ONG-1.1.1.4**  
7.87 x 7.87 in.

## Premium Signs (Wall)

- Special signs to be fixed on walls or flat surfaces in a variety of sizes for multiple messages.
- With two locknut holes for fixing screw.
- Cover with anti-reflective film.
- Manufactured in extruded curved profile of natural anodized aluminum, satin.
- Complies with the regulatory standard: NOM-003-SE-  
GOB-2011.





## Premium Signals (Flag type)

- Signal to be fixed perpendicularly on walls, columns, corridors, etc., used to give notice about a place or space.
- With plastic base for fixing.
- It includes anti-reflective film.
- Manufactured in extruded curved profile of natural anodized aluminum, satin.
- Complies with the standard: NOM-003-SE-GOB-2011.



## Premium Signals (On-desktop type)

- To be placed on horizontal surfaces, excellent in receptions of schools, hotels or in offices for personal identification.
- Plastic base that allows you to stand on flat surfaces.
- It includes anti-reflective film.
- Manufactured in extruded curved profile of natural anodized aluminum, satin.



# PREMIUM SIGNALISATION



## Premium Signals (Pendant type)

- Special to hang from ceilings, soffits, stairs, etc., are large, used to orient on a specific site.
- It includes anti-reflective film cover.
- Manufactured in extruded curved profile of natural anodized aluminium, satinized.

**Measure:** Variety of sizes.

## Premium Signals (Totem type)

- Mainly used in access to commercial plazas or offices, as a directory or for advertisements.
- Manufactured in extruded curved profile of natural anodized aluminum, satin.
- With base to stand or anchor to the floor.

**Code MST1551:**

**Measure:** 23.62 x 76.22 in.  
27.55 x 76.22 in.  
31.49 x 76.22 in.

**Code MST1552:**

**Measure:** 23.62 x 76.22 in.  
27.55 x 76.22 in.  
31.49 x 76.22 in.



**Code: MST1551**



**Code: MST1552**



# WHEEL STOPPERS

## Bituminous Marker Adhesive

Code: PE-BITU

- Solid bars.
- 55.5 lbs. box.



Glue your road signalizers on concrete or asphalt surfaces

## Epoxic Glue

Code: PE-KL-B / PE-KL-A

- Two components formula
- Ready in 20 minutes.
- 55.5 lbs tray.



## Striping Paint

The reflective Road Paint (water-based) and the reflective Road Paint (oil-based) are special products for create limit lines in parking lots, urban roads, central barriers and else.

- Optional content of glass microspheres for enhance bright.
- Tell us your needs and we will help you to solve them.

5 gal. tray.  
53 gal container.

Colors: white or yellow.



## Wheel Stopper in Abs with spheres

Code: TP-30-ABS

- The most efficient wheel stopper.
- Solid body for an effective speed reduction
- With 27 Reflective spheres.
- Made in ABS polymer with U.V. protection.
- With 2 bolts.

### Measure:

Length: 9.25 in.  
Width: 4.37 in.  
Height: 1.77 in.

### Reflective spheres:

White, Amber, Red.



## Wheel Stopper in Abs

Code: TP-25

- This stopper in ABS has a total front reflective area of 2.32 sq in.

- Made out in ABS polymer with U.V.
- Plastic bolts are optional

### Measure:

Length: 8.46 in.  
Width: 4.1 in.  
Height: 1.7 in.

### Reflective Prisms color:

White, Amber or Red.



## Wheel Stopper in Aluminum

Code: TP-25A

- Wheel stopper in aluminum commonly used for channelling or as a speed reducer.

- Two reflective areas of 2.32 sq in. each side.
- Optional bolts.

### Measure:

Length: 8.46 in.  
Width: 3.7 in.  
Height: 1.57 in.

### Prismas color :

White, Amber, Red.



# WHEEL STOPPER



## Wheel Stopper in Aluminum with 27 Reflective Spheres

Code: TP-22-A

- Wheel stopper with perfect height. Strong recommended for parking lots.
- 27 Reflective spheres for prevent any accident. Special visibility for difficult areas.

**Measure:**

Length: 8.7 in.

Width: 3.8 in.

Height: 1.4 in.

**Reflective spheres:**

White, Amber or Red.



## Wheel Stopper in Aluminum with 27 Reflective Spheres

Code: TP-30-A

- First option speed reducer in durable aluminum for any use.
- 27 Reflective spheres distributed in three lines.
- With 2 ABS bolts.

**Measure:**

Length: 8.8 in.

Width: 4 in.

Height: 1.7 in.

**Reflective spheres:**

White, Amber, Red.



## Wheel Stopper in Stainless Steel with 27 Reflective Spheres

Code: TP-30

- Special heavy traffic resistant stainless steel wheel stopper with 27 reflective spheres in two lines.

- The solution on poor visibility ways.

- With 2 ABS bolts.

**Measure:**

Length: 8.7 in.

Width: 3.7 in.

Height: 1.3 in.

**Reflective spheres:**

White, Amber, Red.



## Wheel Stopper in Stainless Steel with Reflective Spheres

Code: TP-235

- Larger size and colorful, force speed reduction to every vehicle into desirable limits.

- Heavy traffic resistant.

- 2 ABS bolts.

**Measure:**

Length: 9.7 in.

Width: 4.5 in.

Height: 2 in.

**Reflective spheres:**

White, Amber, Red.



## Wheel Stopper in Stainless Steel with Reflective Face

Code: TP-45

- Wheel stopper with prismatic acrylic reflective area for enhance visibility.

- Excellent speed reducer.

- 2 ABS bolts.

**Measure:**

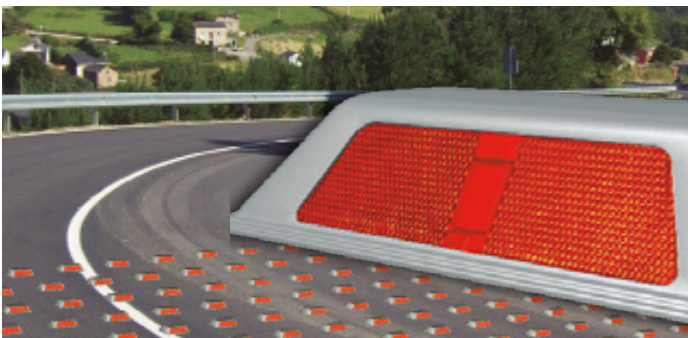
Length: 9.7 in.

Width: 4.5 in.

Height: 2.1 in.

**Reflective Prism:**

White, Amber, Red.





# TRAFFIC DRUMS

## Trafisit 105 Economic Drum

Code: TSL-105

- Plastic channelizer with six stepped rings perfect to place reflective bands on each of them according to the security level required.
- Made of high density polyethylene with U.V. protection.
- Ergonomic handle facilitates stacking and transportation.
- For more stability add a base with ballast.

- Product used in any type of situation such as: road works, restrict access, constructions, shopping centers, to confine lanes, etc.



### Measure:



**Top** Diameter : 7.87 in.

**Lower** Diameter: 16.14 in.

Height: 4 ft 7.53 in.

**Base** Diameter: 21.65 in. (optional)

**Color:** Orange with base in Color black.  

**Reflective:** White or Amber.  



## Trafisit 109 Drum

Code: TSL-109

- Classic plastic channelizer made of high density polyethylene with U.V. protection, regularly used in constructions, road works or areas under repair.
- Model with option to carry heavy base to improve stability.
- The base have a handle, are fully stackable and easy to store and transport.
- You can bring 2 to 5 reflectors to increase your visibility.

### Measure:



Diameter top: 16.92 in.

Diameter lower: 19.68 in.

Height: 3 ft 6.91 in.

Diameter base optional: 23.32 in.

**Color:** Orange with black base.  

**Reflective:** White , Amber.  



## R-Trafisit 122 Drum

Code: TSR-122


- Made of medium density polyethylene with U.V. protection, in one piece with base to fill it with sand in order to increase weight and stability.
- Stepped design with grip handle, fully stackable.
- It perfectly resists impacts.

### Measure:

Diameter base: 19.09 in.

Diameter top: 8.66 in.

Height: 4 ft 0.03 in.

**Color:** Orange. **Reflective:** 

White , Amber.  



# ROAD STUD



## Two faces Stainless Steel Road Stud

Code: VA-IN and VA-INP

- Elegant road stud in stainless steel with one or two sides of reflective prism.
- Ideal for streets, avenues and high speed roads.
- Heavy traffic resistant
- Prisms with high reflective power.
- With or without steel bolt.

### Measure:

Length: 4 in.

Width: 4 in.

Height: 0.8 in.

**Prism reflective:** White, Amber, Red.



## Road Stud in Stainless Steel with 15 Reflective Spheres

Code: VA-ES

- Elegant and colorful road stud made out in stainless steel with 15 reflective spheres
- To be placed on high speed or in two way roads
- Heavy traffic resistant.
- Optional bolt or glued.

### Measure:

Length: 4 in.

Width: 4 in.

Height: 0.8 in.

### Reflective spheres:

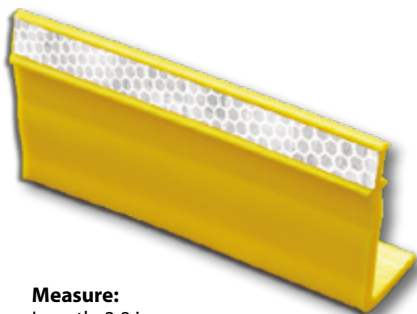
White, Amber, Red.



## Chip Seal Stud

Code: V-TEM

- Used as a temporary signal on roads  
Recommended use: to warn about obstacles or holes on the road.
- Made in flexible polymer.
- Reflective band with perfect visibility.
- Includes easy fix adhesive.



### Measure:

Length: 3.9 in.

Height: 2 in.

Width: 0.8 in.

**Body:** Yellow.



**Reflective:** White or Orange.



## Chip Seal Marker

Code: VF-135

- Multipurpose reflective marker.
- Recommended use: Warning for any obstacles.
- Made out in Vitemflex®.
- Base VF-135-B. (Optional)

### Measure:

Length: 3.54 in.

Width: 1.2 in.

Height: 5.3 in.

**Two large reflective prism areas**

**Body:** Orange.



**Optional Base:** Black



**Reflective:** White or Amber





## Road Stud CIU

Code: CIU-PES

- Road stud with 15 reflective high tech spheres embedded in its front, rear, or in both faces (patented).
- Recommended use: Fix it on any road and confine lanes for calming traffic. Put very visible limits in parking lots. Or just give a better view to any street.
- Bolt or glued is optional
- Made in ABS with U.V. protection
- You can choice color combination on body and reflective spheres.

### Measure:

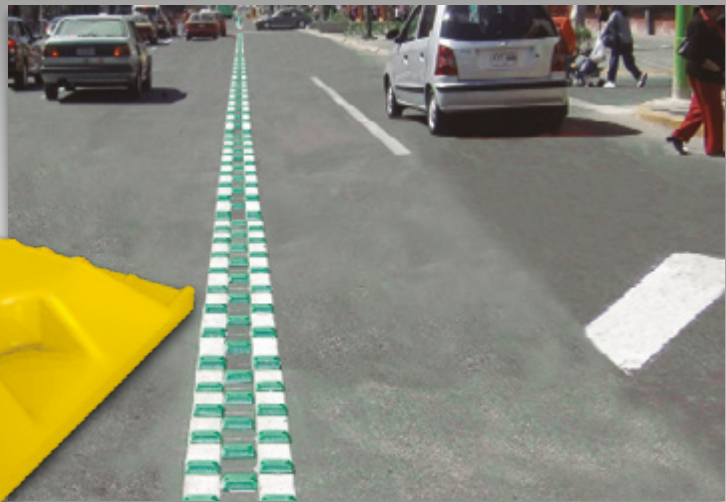
Length: 4 in.  
Width: 4 in.  
Height: 0.8 in.

### Body colors:

White, Amber, Red, Green and Blue.



**Reflective spheres:** White, Amber and Red.



## Road Stud C-80

Code: C-80

- Versatile and practical road stud for any kind of roads.
- Two large areas with excellent reflexivity.
- **Not recommended as a rumble vibrator mark.**
- Made out in ABS polymer with U.V. protection.

### Measure:

Length: 4.5 in.  
Width: 3.15 in.  
Height: 0.66 in.

### Colors:

White body with white reflective prism colors and the yellow with amber.



## Megalux Road Stud in Stainless Steel

Code: VA-IN-MEGA

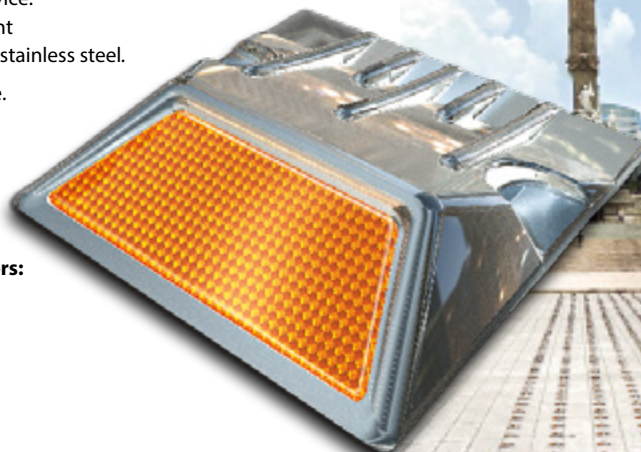
- Give a touch of elegance to every road, street or central square with this perfect ground luminous device.
- Heavy Traffic Resistant
- Body made in bright stainless steel.
- Single reflective side.

### Measure:

Length: 4.1 in.  
Width: 4.0 in.  
Height: 0.86 in.

### Prism reflective colors:

White, Amber, Red.



## Belmont Curve Bench

**Codes: BAN-BE-C, BAN-BE-CH**

- Modular seating system for placing and decorating interiors or exteriors.
- The curved shape in its design allows you to create countless arrangements based on the available space.
- The curved seats (Code: BAN-BE-C) can be combined with curved seats with hydro-kettles (Code: BAN-E-CH).
- The hydroplanter has a water reserve that can last up to 90 days depending on weather conditions.
- You can integrate an interior lighting system (optional) that adds total elegance.
- It does not need maintenance.
- Internal Bluetooth® audio system (optional).
- In two versions: with or without hydromaceter.
- Made out of engineering plastic.
- With U.V. protection.

### Measure BAN-BE-CH with Hydroplanter:

Length: 7 ft 7.13 in.  
Width: 57.08 in.  
Height: 2 ft 1.79 in.

### Measure BAN-BE-C without Hydroplanter:

Length: 7 ft 7.13 in.  
Width: 33.07 in.  
Height: 2 ft 1.79 in.

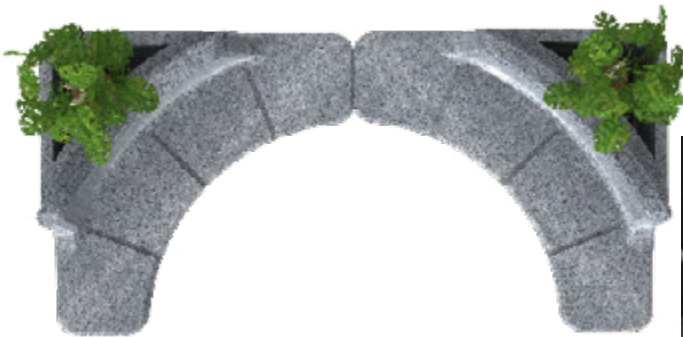
**Colors:** White, granite y gray (others colors upon request) ☐ ☐ ☐



## MULTIPLE COMBINATIONS

**BAN-BE-C**

**BAN-BE-CH**







## Belmont Straight Bench

Code: BAN-BE-R

- Our straight option is suitable for placing in hallways, parks, or boardwalks.
- Very useful in cultural or private events.
- Different combinations of internal light (optional).
- Internal Bluetooth® audio system (optional).
- Resistant to impacts and vandalism.
- With U.V.
- Made of engineering plastic.

### Measure:

Length: 5 ft 9.29 in.

Width: 2 ft

Height: 3 ft 1.79 in.

Colors: White, granite and gray (others colors on demand.)



## MULTIPLE COMBINATIONS



## Toledo Bench

Code: BA-TO-2000

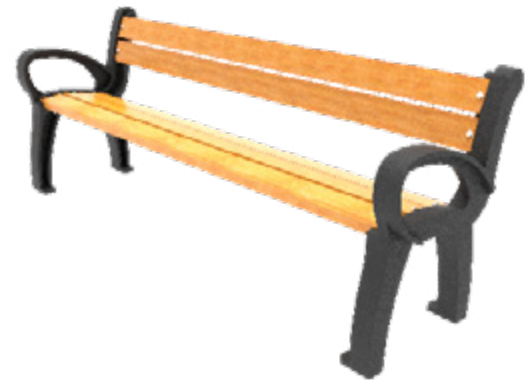
- The Toledo bench with resting arms incorporated in the lateral supports, has a design of beautiful curved lines that make it an attractive element of street furniture.
- Supports made of 100% recycled medium density polyethylene, using recycled materials contribute to reduce the emission of greenhouse gases.
- The materials used in the Toledo bench guarantee their weather resistance.
- Two material options for the seat and backrest: Wooden boards with marine polyurethane coating or reinforced plasti-wood profiles.
- They require minimal maintenance.
- The structural supports of the bench are fixed to the floor with "Ultrafix" 3/8"x 5.9 in screws and "Extralarge" 3/4" x 5.51 in. studs.

### Measure:

Length: 5 ft 10.86 or 9 ft 10.1 in.

Width: 2 ft

Height: 2 ft 6.70 in.



## Rest Bench

Code: BA-DE-2000

- The Bench Rest, by design adapts to any public space environment, is an element of urban furniture that helps improve the image of cities.
- The strong and resistant supports made of 100% recycled medium density polyethylene provide the bank with excellent structure and stability.
- The supports of the bench, incorporate in its base, an area specially designed to provide a good anchorage to the floor through the use of "Ultrafix" pija type screws with 3/8 "x 5.9 in. hexagonal head and reinforced" Extralarge "studs of 3/4 "x 5.51 in made of polypropylene.
- Backrest and seat made with plasti-wood profiles
- (reinforced) or wood planks coated with
- marine polyurethane
- All the materials used meet the necessary characteristics for outdoor use in all types of weather.

### Measure:

Length: 5 ft 10.86 or 9 ft 10.1 in.

Width: 2 ft

Height: 2 ft 6.70 in.

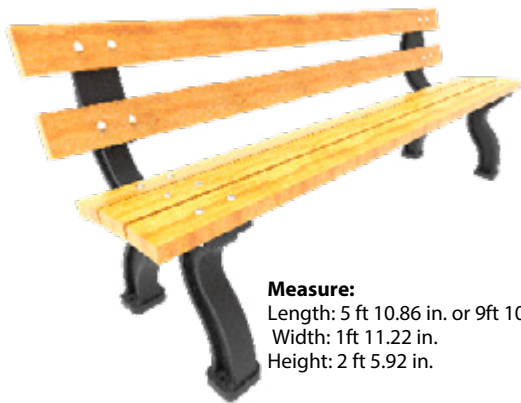




## Selva Bench

Code: BA-SE-2000

- The Selva bench has a beautiful design of arched supports that combine perfectly with any urban environment such as; archeological zones, schools, stops and public transport stations, etc.
- The finish and materials used in the manufacture of the bench are highly resistant, which guarantees a long service life.
- Structural supports made of 100% recycled medium density polyethylene with UV protection.
- Seats and backrests made of wood planks or reinforced plastic-wood profiles, both with weather-resistant finishes.
- The strong assembly of the bench is provided by the 3/8 "x 2.5" car head screws with nuts, flat washers and pressure washers, all these elements are galvanized to protect them against corrosion due to their use outside.
- For anchoring to the floor it is recommended to use "Extralarge" reinforced 3/4 "x 14 cm polypropylene studs and" Ultrafix "pija type screws, 3/8" x 15 cm hexagonal head.



### Measure:

Length: 5 ft 10.86 in. or 9ft 10.1 in.

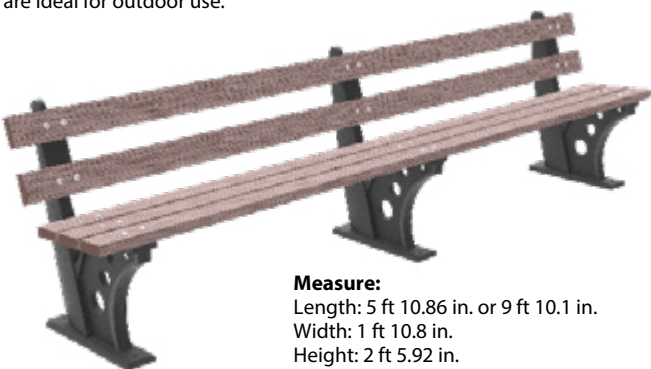
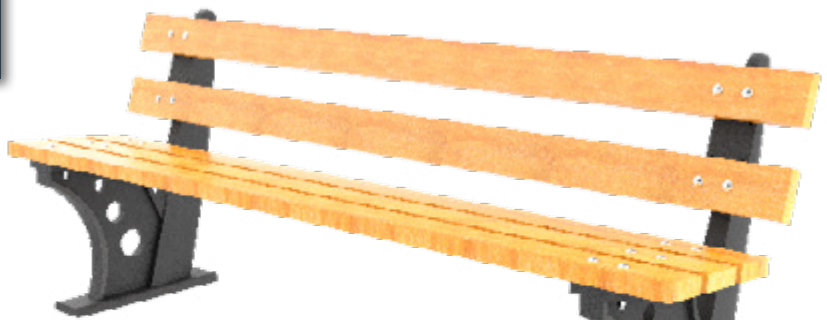
Width: 1ft 11.22 in.

Height: 2 ft 5.92 in.

## Barcelona Bench

Code: BA-BA-2000

- The simple and elegant design of the Barcelona model benches provide a modern image that blends perfectly with the avant-garde architecture.
- Bench stands are made of 100% recycled medium density polyethylene.
- The seat and backrest can be manufactured with wooden planks with marine polyurethane finish or with reinforced plasti-wood profiles.
- The supports, seat and backrest of the benches are assembled with nuts and car head screws (galvanized).
- The benches are anchored to the floor with "Ultrafix" 3/8 "x 15 cm screws and" Extralarge "3/4"x 14 cm polypropylene expansion caps.
- All materials are weatherproof, so Barcelona model benches are ideal for outdoor use.



### Measure:

Length: 5 ft 10.86 in. or 9 ft 10.1 in.

Width: 1 ft 10.8 in.

Height: 2 ft 5.92 in.



## General characteristics

- A whole line of outdoor gyms and sports accessories.
- Individual teams or multi-user structures.
- Wide variety of options for stretching and muscle strengthening.
- The pole is made of galvanized steel and baked paint.
- Pedals made of pressed steel.
- Handlebars made of PVC.
- Aluminum trims.
- Surface effect to choose between smooth or rough.

## Exercisers for Disabled Persons

### ARM EXERCISER

**MEASURE / REQUIRED AREA**  
 Height: 6 ft 8.70 in. 13ft 1.4 in  
 Width: 2 ft 6.31 in. 5ft 9.68 in.  
 Length: 10 ft 2.04 in. 16 ft 4.85 in.



### TRICEPS EXERCISER

**MEASURE / REQUIRED AREA**  
 Height: 7 ft 8.31 in. 10 ft  
 Width: 10 ft 0.31 in. 5ft 9.68 in.  
 Length: 10ft 2.04 in. 13ft 5.41 in.



## Simple Exercisers

### MASSAGE EXERCISER

**MEASURE / REQUIRED AREA**  
 Height: 5 ft 10.86 in. 9 ft 2.23 in.  
 Width: 2 ft 6 in. 5 ft 10 in.  
 Length: 2 ft. 7.5 in. 5 ft 3.89 in.



### BICYCLE EXERCISER

**MEASURE / REQUIRED AREA**  
 Height: 4 ft 5.14 in. 4 ft 5.14 in.  
 Width: 1 ft 7.68 in. 4ft 11.05 in.  
 Length: 4 ft 6 in. 7ft 5.37 in.



### POTRO AND BICYCLE EXERCISER

**MEASURE / REQUIRED AREA**  
 Height: 7 ft 8.31 in. 10 ft  
 Width: 2 ft 4.74 in. 5 ft 8.11 in.  
 Length: 6ft 6.74 in. 9 ft 10.11 in.



## Double Exercisers

### CHEST EXERCISER

**MEASURE / REQUIRED AREA**  
 Height: 6 ft 8.31 in. 10 ft  
 Width: 2 ft 4.74 in. 5 ft 8.11 in  
 Length: 6ft 6.74 in. 9 ft 10.11 in



### LEG AND WAIST EXERCISER

**MEASURE / REQUIRED AREA**  
 Height: 6 ft 8.31 in. 10 ft  
 Width: 3 ft 7.30 in. 6ft 10.67 in.  
 Length: 6 ft 3.79 in. 1ft 2.96 in.



### HIP, BUTTOCKS AND LEG EXERCISER

**MEASURE / REQUIRED AREA**  
 Height: 6ft 8.31 in 10 ft.  
 Width: 6.53 in. 5 ft 5.35 in.  
 Length: 7 ft 0.64 in. 10 ft 4.01 in.



### ELLIPTICAL WALKER AND SEAT FOR ABDOMINALS

**MEASURE / REQUIRED AREA**  
 Height: 6ft 8.31 in 9 ft 2.23 in.  
 Width: 2 ft 5.92 in. 5ft 2.99 in.  
 Length: 6ft 3.79 in. 7 ft 1.82 in.





# CHILDREN MODULAR PLAYGROUNDS

## MODULAR GERMANY



- 3 simple non-skid platforms.
- 1 Hexagonal non-skid platform.
- 1 Triple ladder in rotational molding plastic.
- 1 Trepadero Top-rock.
- 1 Ada ladder
- 3 decorative shots.
- 1 leaf style roof.
- 1 Bubble in acrylic.
- 1 Wave slide in rotational molding plastic.
- 1 Panel with custom logo.
- 2 HDPE activity panel.
- 1 Cat activity panel.
- Aluminum couplings and aluminum caps.
- Vandal-proof screws



### Measure / Required area

Width: 7 yd 1 ft 3.32 in. 11 yd 2 ft 4.8 in.  
Length: 6 yd 2 ft 7.24 in. 11 yd 8.72 in.  
Height: 4 yd 1 ft 1.48 in. 5 yd 1 ft 4.85 in.



### Measure / Required area

Width: 9 yd 10.64 in. 10 yd 1 ft 2.01 in.  
Length: 9 yd 1 ft 6.51 in. 10 yd 1 ft 9.88 in.  
Height: 13 ft 1.48 in. 5 yd 1 ft 4.85 in.

## MODULAR ANTWERP

- 1 square non-skid platform.
- 4 Triangular non-skid platforms.
- 1 inverted staircase.
- 1 Ada ladder
- 1 snake climber.
- 1 Slide slide of rotomolding plastic ducts.
- 1 Palm topper.
- 1 Two water roof.
- One 35.43 in. slide in rotational molding plastic.
- One 47.24 in. slide in rotational molding plastic.
- 1 HDPE panel with custom logo.
- Connection couplings and aluminum caps.
- Vandal-proof screws



## MODULAR ATHENS

- 6 Triangular non-skid platforms.
- 1 climber to climb HDPE with custom logo.
- 1 Platform for slide.
- 2 Climbing discs for climbing with handles of ced tube. 30 of 3/4".
- 1 Slide open in roto-molded plastic.
- 6 Trellises lily-pads.
- 1 1.20 m curved slide in plastic
- rotational molding
- 1 Trepadero mid rock.
- 1 Panel with custom logo.
- One 59.05 in. twister slide (rotomolded plastic).
- 1 Hexagonal blade in rotational molding.
- Connection couplings and aluminum caps.
- Vandal-proof screws



### Measure / Required area

Width: 5 yd 2 ft 11.74 in. 11 yd 1 ft 4.59 in.  
Length: 6 yd 1 ft 2.31 in. 11 yd 1 ft 7.16 in.  
Height: 4 yd 1 ft 1.48 in. 5 yd 1 ft 4.85 in.



## MODULAR FRANCE

- 2 simple non-skid platforms.
- 1 Custom panel.
- 1 custom HDPE climber.
- 1 Climber of climbing discs with handles of ced tube. 30 of 3/4".
- 1 Curved slide in rotational molding plastic.
- 1 Trepadero Mid-rock.
- 1 Two water style roof in rotomolded plastic.
- Connection couplings and aluminum caps.
- Vandal-proof screws



### Measure / Required area

Width: 3 yd 2 ft 7.76 in. 11 yd 1 ft 9.32 in.  
Length: 4 yd 2 ft 7.98 in. 10 yd 2 ft 9.7 in.  
Height: 4 yd 1 ft 1.48 in. 5 yd 1 ft 4.85 in.



# CHILDREN MODULAR PLAYGROUNDS

## MODULAR REYLAZ CRUISE



- 27 Simple non-skid platforms.
- 2 non-skid platforms
- Hexagonal in half.
- 5 non-skid platforms
- triangular
- 4 Half moon non-skid platforms.
- 2 non-skid platforms for slide.
- 1 Trough with HDPE plastic grips.3
- 1 ladder type Ada
- 1 straight bridge
- 1 concave ladder
- 2 slide exits

- 37 Activity panels in HDPE.
- 1 telescope
- 4 Wave slides of 59.05 in
- rotational molding plastic
- 1 Slide slide of pipelines.
- 2 chimneys
- 2 snake climbers.
- 2 Pipeline connection.
- 3 Climbing of climbing discs with ced tube grips. 30 of "
- 1 curved trepan
- 1 metal trough.
- 2 sailboats in rotational molding plastic.
- Connection couplings and aluminum caps.
- Vandal-proof screws



### Measure / Required area

Width: 12 yd 1ft 11.11 in. 22yd 1ft 5.44 in.  
Length: 21yd 1ft 7.19 in. 21yd 1ft 5.3 in.  
Height: 16 ft 4.85 in. 16yd 1ft 8.22 in.



## MODULAR MADRID

- 3 simple non-skid platforms.
- 3 triangular non-skid platforms.
- 1 Half moon non-skid platform.
- 4 Panel of activities in HDPE.
- 1 Panel with custom logo.
- 1 Trepadero Top rock.
- 2 Curved slides of 47.24 in
- rotational molding plastic
- 1 snake climber.
- 1 ladder type Ada.
- 1 Two water style roof in rotomolded plastic.
- Connection couplings and aluminum caps.
- Vandal-proof screws

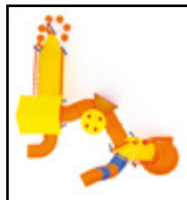


### Measure / Required area

Width: 19 ft 11.76 in. 42 ft 11.35 in.  
Length: 16 ft 8 in. 33 ft 0.85 in.  
Height: 13 ft 1.48 in. 16 ft 4.85 in.

## MODULAR MONACO

- 1 Simple non-skid platform.
- 5 Triangular non-skid platforms.
- 1 Panel with custom logo.
- 1 custom HDPE climber.
- 1 0.90 m curved slide.
- 1 twister slide of 59.05 in.
- 1 Slide open in rotomolded plastic.
- 1 Connection duct.
- 1 Inclined connection duct.
- 6 Trellises of lily-pads.
- 1 ladder type Ada.
- 1 connector bridge.
- 2 decorative shots.
- 1 Two water style roof.
- Connection couplings and aluminum caps.
- Vandal-proof screws



### Measure / Required area

Width: 28 ft 11.63 in. 48 ft 7.85 in.  
Length: 24 ft 1.37 in. 40 ft 6.22 in.  
Height: 13 ft 1.48 in. 16 ft 4.85 in.





## MODULAR VIENNA



- 2 simple non-skid platforms.
- 1 climber (HDPE) with custom logo.
- 1 Climber of discs with handles of ced tube. 30 of ¾".
- 2 Trellises lily-pads.
- 1 1.20 m curved slide in plastic
- rotational molding
- 1 Connection duct.
- 1 "S" form treadmill with ropes.
- 1 1.50 m twister slide (in rotational molding plastic).
- 1 Trepadero mid rock.
- 1 A two water style roof (in rotomolded plastic).
- Connection couplings and aluminum caps.
- Vandal-proof screws

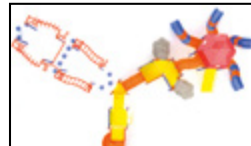


	Measure	/	Required area
Width:	4 yd 7.18 in.		7yd 1ft 5.29 in.
Length:	7 yd 11.77 in.		11 yd 2ft 1.25 in.
Height:	4 yd 1ft 1.48 in.		5yd 1ft 4.85 in.

## MODULAR OCTOPUS



- 4 Triangular non-skid platforms.
- 2 simple non-skid platforms.
- 1 Hexagonal non-skid platform.
- 1 non-skid platform for slide.
- 4 Twister slides of 1.50 m in rotational molded plastic.
- 1 1.80 m open slide in rotational molding plastic.
- 1 Inclined connection duct.
- 1 Connection duct.
- 11 Trellises of lily-pads.
- 4 Triangle handrails.
- 2 Top-rock climbers.
- 1 Octopus-shaped roof.
- 2 stairs type Ada.
- 1 snake climber.
- 3 HDPE activity panels.
- Connection couplings and aluminum caps.
- Vandal-proof screws



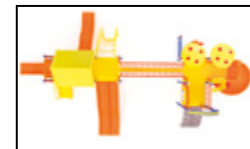
	Measure	/	Required area
Width:	11yd 1ft 11.68 in.		15 yd 2 ft 6.86 in.
Length:	15 yd 1ft 5.48 in.		17 yd 3ft 5.54 in.
Height:	4 yd 1 ft 1.48 in.		5 yd 1ft 4.85 in.

## MODULAR EIFFEL TOWER

- 5 simple non-skid platforms.
- 1 non-skid platform for slide.
- 1 Double slide in rotational molding plastic.
- 1 Simple slide in rotational molding plastic.
- 1 0.90 m slide in rotational molding plastic.
- 1 Slide slide of rotomolding plastic ducts.
- 3 Activity Panels
- 1 inverted staircase.
- 1 Two water style roof in rotomolded plastic.
- 1 Climber in rotomolded plastic.
- 1 straight bridge.
- 1 Ladder Ada type.
- 1 Disc climber with tube grips
- 3 decorative shots.
- Vandal-proof screws
- Aluminum connection couplers.



	Measure	/	Required area
Width:	6yd 2ft 8.81 in.		10yd 6.92 in.
Length:	12yd 1ft 9.93 in.		15 yd 11.18 in.
Height:	4yd 1ft 1.48 in.		5 yd 1ft 4.85 in.



# SKATING TRACKS AND VELARIAS



## Skatepark Pro

- Skating or cycling tracks to be placed in parks, under bridges, etc.
- Excellent finish without cracks, dents, chips, deformities, or parts that need replacement.
- They use anti-vandalism screws.
- With corrosion protection.
- MaxGrip polyester powder coating that provides perfect traction.
- Ramp with smooth finish without loose or loose screws that can create dangerous conditions of use.
- With galvanized steel railings.

### Measure:

Various dimensions.



## Velarias

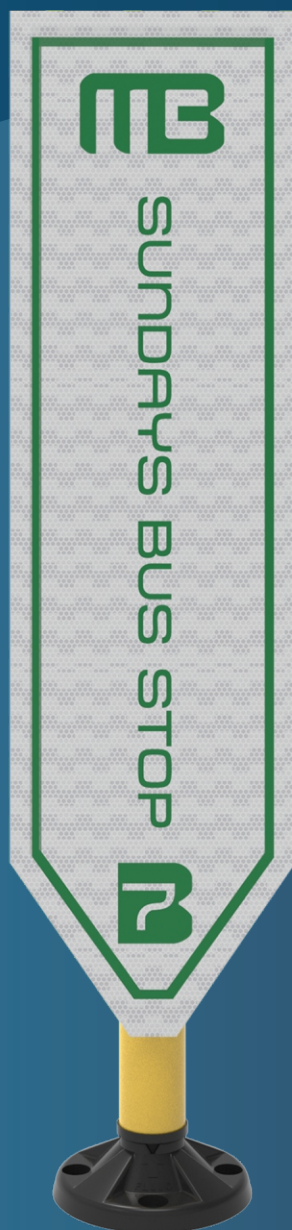
- Architectural membranes of composite plastic materials with PVC coating process and high strength polyester fibers. They offer great versatility for solutions applied to textile architecture.
- Tensile resistant
- Long life and easy maintenance.
- They do not deform, nor form water pockets.
- They allow the passage of light creating an environment with a pleasant temperature.
- Difficult access thus avoiding vandalism.

### Measure:

Various dimensions.







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