

A TIER ABOVE

SAFE-HIT PRODUCTS BROCHURE





ABOUT SAFE-HIT® PRODUCTS

Since 1979, all Safe-Hit products have been manufactured and assembled in a dedicated manufacturing facility using high quality polymers and reflective materials. Valtir offers numerous delineators in numerous sizes, lengths, shapes and colors, all tested to NTPEP standards that delineate, direct, mark, indicate and instruct. Our Safe-Hit products include flexible soil and surface-mount posts, delineators, reboundable traffic channelizers, pedestrian devices, barricades, glare screens, and many additional specialty products. Product applications include public and private roadways, parking lots and parking structures, airports, and other facilities with traffic management needs.

Valtir is an industry leader and global supplier of commercial highway products. Our core product lines include guardrail, cable barrier, crash cushions, truck and trailer mounted attenuators, steel barriers, water-filled barricades, sign supports, and flexible delineators.

TABLE OF CONTENTS

MULTI-PURPOSE SYSTEMS

SAFE-HIT [®] DELINEATORS, CHANNELIZERS & MARKERS	
Safe-Hit Delineator Posts	03
Soil Anchored Systems	04
Accessories & Tools	05
Surface Mounted Systems	
Adhesives & Accessories	07
Twister® Base Products	
Safe-Hit SQR-LOC [®] Flexible Delineator	10-11

HIGH PERFORMANCE SYSTEMS

DURA-POST [®] DELINEATORS, CHANNELIZERS & MARKERS
Dura-Post High Performance System
Dura-Post Options
Dura-Post SX High Performance Delineator

YOU CHOOSE

Choose between the Standard or High Performance model of our delineator posts and channelizers. **STANDARD.** Our Standard products are our multi-purpose Safe-Hit posts. Safe-Hit's flexible 2.25" (57.2mm) diameter posts are available with portable bases, surface mount bases or soil anchors. Safe-Hit posts feature a two piece, self-locking system that reduces installation and maintenance costs. The Safe-Hit line is ideal for applications with average impact frequency.

HIGH PERFORMANCE. The Dura-Post line is our High Performance, long life delineators. Dura-Post's 3" (76.2mm) diameter delineators are composed of extremely flexible specialty polymer with excellent rebound memory. They are designed for areas with very high-impact frequency and have been successfully tested to withstand over 200 impacts at 60 mph. The posts remain flexible even at extreme temperatures. The Dura-Post line is ideal for sites with extreme environments and an excessive number of impacts.

)3	Dura-Post Anchors, Bases & Accessories	
)4	Rubbertough 360 (RT 360)	17
)5	Dura-Post Vertical Sign Panels	
)6	Reflective Decals & Sheeting	

-09 SPECIALTY PRODUCTS

11	Safe-Hit Sign Posts	23
	Safe-Hit Sno-Post™ Boundary Markers	24
	Safe-Hit Certified Airport Markers	25
	Guardrail Delineators	26
13	KonaPost® Quick Change Delineators	27
14	Dura-Post Island K-Markers	28
15	Speed Bumps & Parking Stops	29
	Safe-Hit Glarescreen	30-31

Safe-Hit[®] Delineators, Channelizers & Markers



SAFE-HIT[®] DELINEATOR POSTS

The Safe-Hit[®] Delineator Post is constructed of flexible and durable co-extruded polyethylene with ultraviolet inhibitors. It meets the requirements of NCHRP Report 350 Category 1 Devices, has been NTPEP tested, and meets MUTCD requirements. Safe-Hit is ideal for applications with average impact frequency.

FEATURES

- Multiple base anchor options and portable bases available.
- Surface mount bases are ideal for asphalt or concrete.
- Soil anchors work in a wide range of soil types.
- Portable bases available in 18 lbs. & 32 lbs.
- Ultra-violet resistant.
- 360° visibility
- Standard colors: white, yellow and orange.
- Heights range from 18"- 54" above grade.
- Custom colors available.

ASSEMBLY AND MAINTENANCE

- Lightweight.
- Two piece, self-locking system reduces installation efforts.
- Quick and easy removal and replacement when needed. **SPECIFICATIONS**
- 18" to 54" high
- 2.25" Diameter / 3" Width on Flattened Top Versions

SOIL ANCHOR & SURFACE MOUNT POST TYPES

TYPE 1		TYPE 2	TYPE 3	TYPE 5
Hazard (Flat)		Guide (Flat)	Channelizer	Marker
with bla 3"(76.2 reflectiv Soil And	post, flattened on top ack oval cap, three 2 m) x 3"(76.2 m) ve patches, Driveable chor and Surface Pin Lock Base.	Round post, flattened on top with black oval cap, one 3" (76.2 mm) x 9" (228.6 mm) reflective strip, Driveable Soil Anchor and Surface Mount Pin Lock Base.	Used for a low profile due to traffic, round post with recessed cap, one 6" (152.4 mm) reflective wrap, Driveable Soil Anchor and Surface Mount Pin Lock Base.	Ideal for periodic removal and installations, round post with recessed cap, two 3" (76.2 mm) reflective wraps, Drivable Soil Anchor and Surface Mount Pin Lock Base.
Soil 54", 48", 42", 36", 28", 24" Anchor SH148GP3 Series		54", 48", 42", 36", 28", 24" SH248GP3 Series	54", 48", 42", 36", 28", 24" SH348GP3 Series	54", 48", 42", 36", 28", 24" SH548GP3 Series
Surface Mount	54", 48", 42", 36", 28", 24" SH148SMA Series	54", 48", 42", 36", 28", 24", 18" SH248SMA Series Meets MUTCD 3F .02	54", 48", 42", 36", 28", 24", 18" SH348SMA Series Meets MUTCD 3F .63	54", 48", 42", 36", 28", 24", 18" SH548SMA Series Meets MUTCD 3F .65



SOIL ANCHORED SYSTEMS

Safe-Hit's® two-part driveable delineators feature a 2-1/4" (57.2 mm) post diameter and are used for marking highways, entrances, exits, curves, driveways, fire lanes and parking lots. Decals can be used instead of reflective sheeting if desired. Each post includes one 14" (355.6 mm), 18" (457.2 mm) or 24" (609.6 mm) closed or open end soil anchor.



POST OPTIONS

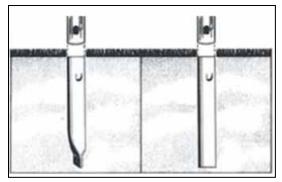
- Standard post colors: white, yellow or orange
- Custom colors: light gray, dark gray, green, blue, black, brown or red
- Reflective sheeting: Standard is High Intensity Flexible Prismatic silver, amber or orange



SOIL ANCHOR OPTIONS

Safe-Hit's drivable posts come standard with an 18" (457.2 mm) closed end, drivable Soil Anchor. You may substitute other anchor sizes. In heavy soil a 14" (355.6 mm) or 18" (457.2 mm) anchor is recommended. In sandy or loose soil a 24" (609.6 mm) anchor should be utilized. The 8" (203.2 mm) anchor is used for concrete applications.

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Closed End Soil Anchor Open End Soil Anchor



MANUAL INSTALLATION TOOLS

MANUAL ANCHOR INSTALLATION TOOL

The manual installation tool drives anchors into the soil. Designed to maintain the correct inside diameter and shape of the installed soil anchor. Part No. SHTOL-30-6-X

ANCHOR STRAIGHTENING TOOL Used to straighten anchors installed out of plumb.

Part No.

SHTOL-60--ST





used.

JACKHAMMER

п

SHANKS

Part #

More shanks and adapter drive caps are available to fit your specific power tool. Call for details.



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Post maintenance slotted T-Bar tool aides in the

removal of posts from anchors. Part No. SHTOL-61--MT

MAINTENANCE KIT

Includes cutting tool, replacement blade, adjustable hacksaw and channel pliers. These tools are used to remove broken or damaged posts from anchors. Part No. SHTOL-50--MT

www.valtir.com | 888.323.6374

14", 18" or 24" Closed

3 8" Open End Concrete

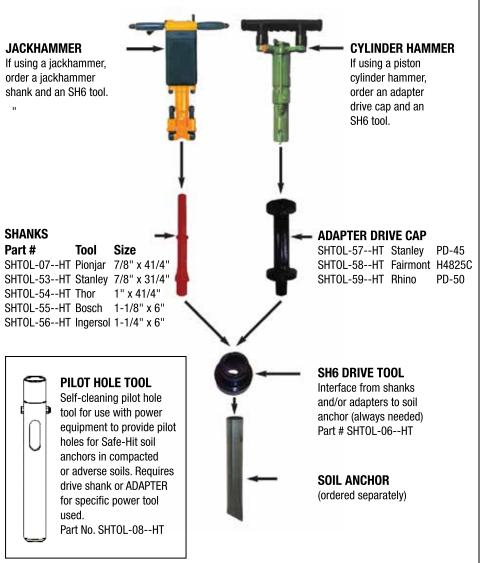
Anchor

2 14", 18" or 24" Open End

End Soil Anchor

Soil Anchor





SOIL MOUNT ACCESSORIES

"O" Ring Replacement Black for all soil anchor posts.

Oval Cap for Type 1 and Type 2 Posts. Available in black, white, yellow, dark gray, light gray, yellow-green.

Anchor Plug for all soil anchors. Available in black (BL), orange (OL),

SURFACE MOUNTED SYSTEMS

Safe-Hit[®] surface mount channelizers and tubular markers are easy to install and come standard with a convenient Surface Mount Pin Lock Base that allows post replacement in 30 seconds. The surface mount posts can be installed on asphalt or concrete using epoxy kits, butyl pads or mechanical anchors

POST OPTIONS

- Standard post colors: white, yellow or orange
- Custom colors: light gray, dark gray, green, blue, black, brown or red
- Reflective sheeting: Standard is High Intensity Flexible Prismatic silver, amber or orange

BASE OPTIONS

Safe-Hit's flexible surface mount delineator posts come standard with a Surface Mount Pin Lock Base.

You may substitute with other bases.



SMA	SLT	SST	SMT	RBM	PBS
Surface Mount Pin Lock Base	Sub-Level Twist Lock Base	Sub Surface Twist Lock Base	Surface Mount Twist Lock Base	Replaceable Barrier Marker	Portable Base
Ideal for permanent installations	Base leveled with the concrete or asphalt surface	Used for a low profile due to traffic	ldeal for periodic removal and installations	Can be mechanically fastened or glued to a barrier wall	No anchor or adhesive required Ideal for temporary applications
SHSMA-1BL	SHSLT-1BL	SHSST-1BL	SHSMT-1BL	SHRBM-1BL	SHPSB-1BL

SAFE-HIT® ADHESIVES & ACCESSORIES



E	EPOXY KIT	BUTYL I	PAD
Epoxy Kit installs 1 base SHEPX13KI Case Epoxy Kit installs 25 bases SHEPX25CA Epoxy is also available in bulk 1 gallon and 5 gallon packaging			
	ADDITIONAL	HARDWARE	
Lag Screws and LagLag Screws can be used as a semi-permanent method of mounting the Safe-Hit surface mount bases.		SHSMALAG01	
Hex Bolts and Drop-in Anchors for concreteBolts and Anchors can be used as a semi-permanent method of mounting the Safe-Hit surface mount bases.		SHSMADRI01	
Punch Pin Tool For easy pin lock removal.		SHTOLDRP	



	SURFACE MOUNT ACCESSORIES				
	Oval Cap for Type 1 and Type 2 Posts. Available in black, white, yellow, dark gray, light gray, yellow-green.				
9	Round Cap				
\mathbf{O}	Twist Lock Base Plug Available in black (BL),fl. orange (OR) and yellow (YL)				

TWISTER® BASE PRODUCTS

SAFE-HIT TWISTER BASES AND ACCESSORIES

BASE DESCRIPTION	PART NUMBER	ROMACS
STR = Safe-Hit Twister 8" Base Kit	SHSTR-1BL	617351B
Twister Threaded Pipe for Safe-Hit Post	612164B	612164B
Twister Plug	2021303-0000	114043B
Twister Anchor	ANC-SCR-3	603691B
Twister Anchor Epoxy Kit	617441B	617441B
Twister Anchor Epoxy Case (25 Kits)	617442B	617442B
Neoprene Locking Washer	118025B	118025B
Drop In Plastic Pipe Nub for Safe-Hit Post	617681B	617681B
Portable Base 32lbs (14"x30") NEW!	SRPCD-3BL (Includes Rubber Mat, Twister Mounting Plate	611309B
Portable Base 32lbs (PCD) Mat Only No Hardware	2714021-0000 (Includes Rubber Mat Only)	115672B
Twister Mounting Plate for Portable Base	2715094-0000	619516B

PORTABLE MAT

Recycled rubber mat with theaded receptacle to accept Twister pipe stub. 14" W x 30" L x 2" H. 32 lbs.



BASE DESCRIPTION	PART NUMBER	ROMACS
SMS = DuraPost Twister 8" Base Kit	SLSMS-3-PPBL	604950B
Twister Threaded Pipe for DuraPost	612163B	612163B
DuraPost Replacement Locking Pin	2714014-0000	116247B
Twister Plug	2021303-0000	114043B
Twister Anchor	ANC-SCR-3	603691B
Twister Anchor Epoxy Kit	617441B	617441B
Twister Anchor Epoxy Case (25 Kits)	617442B	617442B
Neoprene Locking Washer	118025B	118025B
Drop In Plastic Pipe Nub for DuraPost	617681B	617681B
Portable Base 32lbs (14"x30") NEW!	SRPCD-3BL (Includes Rubber Mat, Twister Mounting Plate)	611309B
Portable Base 32lbs (PCD) Mat Only - No Hardware	2714021-0000 (Includes Rubber Mat Only)	115672B
Twister Mounting Plate for Portable Base	2715094-0000	619516B

DURA-POST® BASE PRODUCTS

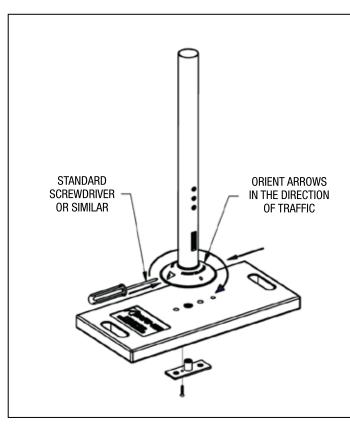
TWISTER® DELINEATORS

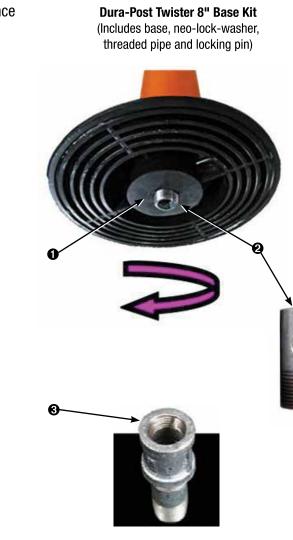
The Twister[™] is useful in applications where the delineator is to be placed and removed periodically. With its threaded mounting stem and anchor, the Twister can be easily placed into service using a standard philips screwdriver as a turning lever; no special wrench is required. The Twister mounting system is available in both our Safe-Hit[®] and Dura-Post[®] delineator product lines.

FEATURES & BENEFITS

- Threaded connection offers quick and easy delineator placement and removal.
- Available with 2-1/4" diameter Safe-Hit[®] standard performance delineators and 3" diameter Dura-Post high-performance delineator product lines.
- Anchor is placed easily in both asphalt and concrete.

TWISTER BASES CAN BE USED WITH PORTABLE MATS





- Neoprene Locking Washer
- **2** Twister Threaded Plpe
- Twister Anchor

SAFE-HIT[®] SQR-LOC[®] FLEXIBLE DELINEATOR

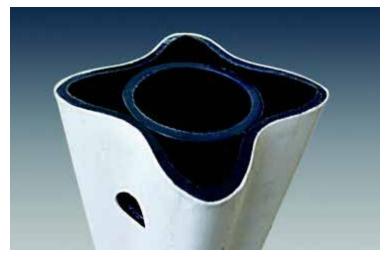


Perfect for soil mount applications, the Safe-Hit[®] SQR-LOC[®] Flexible Delineator combines the proven, multiple hit performance of a Safe-Hit delineator with standard 2" perforated square tube anchors. The four-piece system consists of a post, anchor, collar and pin. The entire system is assembled and secured with a single push-in roll-pin making both assembly and maintenance quick and easy. The Safe-Hit SQR-LOC Flexible Delineator meets the requirements of NCHRP Report 350 Category 1 Device, and meets MUTCD 6F.80 requirements for delineator devices.

POST

Proven Safe-Hit Tube-in-Tube™ delineator technology.

- High quality impact performance including wheel-overs.
- · Same familiar look as standard Safe-Hit delineators.
- New Cross-Crimp[™] post snugly fits a wide range of anchor tolerances



SAFE-HIT[®] SQR-LOC[®] FLEXIBLE DELINEATOR

ANCHOR

Standard 2" Perforated Square Tube Anchor

- Easy to source sign post material.
- Enables direct replacement of existing installations that need repair.
- Uses standard square sign post driver tools.
- For soil or concrete applications.

COLLAR

8" Protective Collar will help:

- Protect the post from cutting during wheel over impacts.
- Reduce tire puncture hazard on the exposed anchor.
- Secure the retaining pin.
- Inhibit vegetation growth around the post.
- Provide impact protection from any direction.

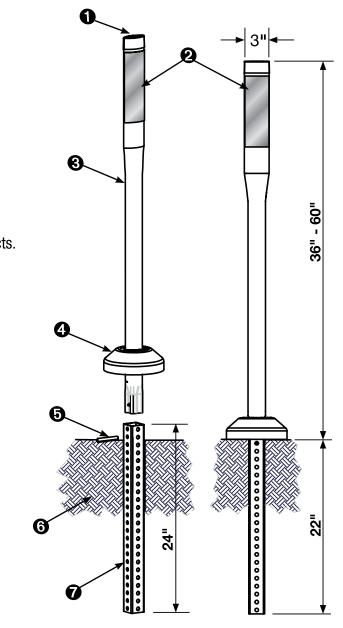
ADDITIONAL FEATURES

- Ultra-violet (UV) resistant post.
- 360° visibility.
- Custom colors available.
- Lightweight, 4 piece self-righting delineator, self-locking system reduces assembly and maintenance efforts.
- Quick and easy removal and replacement if needed.
- Successfully tested to NTPEP Testing Standards.

Standard colors: white, yellow, orange.

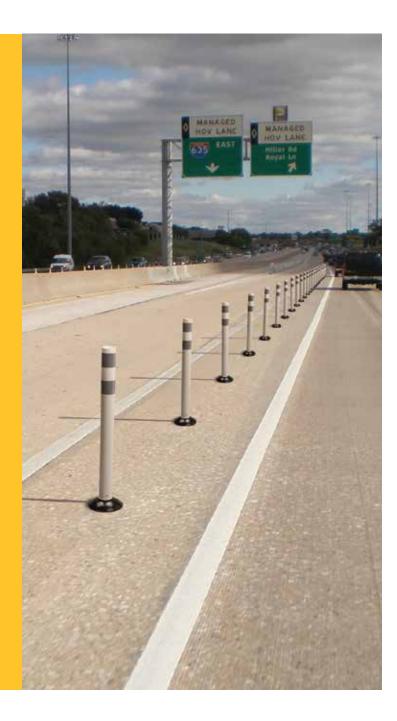
Custom colors also available: green, red, blue, dark gray, light gray, black. Call for details.

Standard lengths: 48", 54", 60". Custom lengths also available. Call for details.



- Cap
- **2** Prismatic Reflective Strip
- **SQR-LOC Delineator**
- **4** Protective Collar
- **3**/8" x 3" Slotted Spring Pin
- 6 Soil
- 2-0" x 2-0" x 24" 12 GA Perforated Tube

Dura-Post® High Performance Delineators, Channelizers & Markers



DURA-POST® HIGH PERFORMANCE SYSTEM

The Dura-Post[®] High Performance Delineator is an injection molded urethane flexible post that has been tested to withstand an extreme number of high speed impacts. It meets the requirements of NCHRP Report 350 Category 1 Devices, has been NTPEP tested and meets MUTCD Section 6F.63 + 6F.65 requirements for channelizing devices and tubular markers. Dura-Post is best utilized in locations with high speed/high impact frequency and is ideal for installation in construction zones, heavy traffic areas, bridges, and HOV/HOT demarcation.

FEATURES

- Tapered one piece urethane design.
- Extreme impact performance.
- 360° visibility
- Flexible at extreme temperatures.
- Standard post colors: white, yellow, orange.
- Standard reflective colors: silver, amber, orange.
- Custom post colors: blue, green, black, red, gray, yellow-green.
- High intensity, flexible prismatic reflective sheeting standard.
- Various lengths available

SPECIFICATIONS

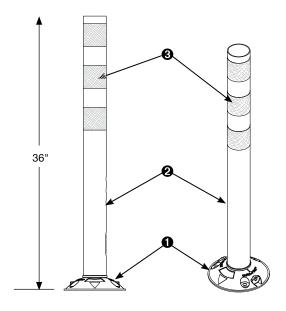
- Up to 36" High
- 3" Post Diameter
- 2.11 lbs. (.95 kg)
- 8" Base Diameter

SURFACE MOUNT BASE



PART NAME	PART NO.
Base with Locking Pin (Secure to road surface with either screws or epoxy. Epoxy kit on page 7)	SLSMA-1BL
3 Screws with Anchors for Asphalt/Concrete	618700
Soil Anchor	SLGPS-14GL





- 8" diameter high impact Surface Mount Base
- High impact performance, 3" diameter urethane tapered wall post
- Reflective sheeting

DURA-POST® OPTIONS

DESCRIPTION Round 3" (76 (914.4 mm) p high-intensity omni-directio	ST [®] WITH REFLECTIVE BANDS	REFL DESCRIPTION Round 3" (76. (914.4 mm) po 304.8 mm) stri	St [®] WITH VERTICAL ECTIVE BANDS 2 mm) diameter 36" st with 3" x 12" (76.2 mm x p for directional reflectivity. ace mount base or soil	DURA-POST® WITHOUT REFLECTIVE DESCRIPTION: Round 3"(76.2 mm) diameter 36" (914.4 mm) post with no reflective material. Includes surface mount base or soil anchor.	
SURFA	CE MOUNT BASE OR OIL ANCHOR **		MOUNT BASE OR L Anchor**	SURFACE MOUNT BASE OR SOIL ANCHOR **	
Post Color	One Reflective Band	Post Color	One Reflective Strip	Round Oran	
ORANGE	SHL36SMA0*-03	ORANGE	SHL36SMA0*-12	SIZE	36"
WHITE	SHL36SMAW*-03	WHITE	SHL36SMAW*-12	COLOR	Orange
YELLOW	SHL36SMAY*-03	YELLOW	SHL36SMAY*-12	PART NO.	SHL36SMA0X
	Two Reflective Bands		Two Reflective Strips	Round White	e Posts
ORANGE	SHL36SMAE10*-03	ORANGE	SHL36SMAE10*-12	SIZE	36"
WHITE	SHL36SMAE1W*-03	WHITE	SHL36SMAE1W*-12	COLOR	White
YELLOW	SHL36SMAE1Y*-03	YELLOW	SHL36SMAE1Y*-12	PART NO.	SHL36SMAWX
	Three Reflecive Bands			Round Yello	
ORANGE	SHL36SMAE20*-03			SIZE	36"
WHITE	SHL36SMAE2W*-03			COLOR	Yellow
YELLOW	SHL36SMAE2Y*-03			PART NO.	SHL36SMAYX

* Designate reflective color: S- Silver, A- Amber, O- Orange

** Must specify Surface Mount or Soil Anchor at time of order

DURA-POST® SX HIGH PERFORMANCE DELINEATOR

Dura-Post® SX High Performance Delineators are injection molded urethane flexible posts, used in conjunction with the Safe-Hit[®] post for added height. As with the Dura-Post, Dura-Post SX meets the requirements of NCHRP Report 350 Category 1 Devices and meets MUTCD Millennium Edition, Section 6F.55 requirements for channelizing devices.

Dura-Post SX high performance delineators are best utilized in locations with high speed/high impact frequency and ideal for installations in gore areas, fast curves, left turn lanes, HOV (High Occupancy Vehicle) lanes, or rail-way crossings.



- 360° visibility.
- Flexible at extreme temperatures.
- Used with either flat top or round Safe-Hit post.
- Abrasion resistant reflective sheeting.
- 8" diameter, high impact base. •
- Standard post colors: white, yellow or orange.
- Standard reflective colors: silver, amber, orange.
- Various lengths available.

SPECIFICATIONS

- Up to 60" tall
- 3" Dura-Post SX diameter
- 2.25" inner post diameter

BASE & ANCHOR OPTIONS

- Asphalt
- Concrete
- Soil anchor •
- Twister[®] Base for easy install and removal

SIZE
48" yellow flat top post with amber reflective
48" white round top post with silver reflective
48" orange round top post with silver reflective
Many size, color and reflective combinations available. Call f





PART NO. DSX4836YYFA043091 DSX4836YYFA043091 DSX483600RS048032 for details about your specific needs.

DURA-POST® ANCHORS, BASES & ACCESSORIES

Dura-Post[®] flexible channelizers can be mounted on asphalt or concrete or anchored in soil. The Soil Anchor can be driven into the ground using the Manual Soil Anchor Driver or a power tool. The 8" (203.2 mm) anchor is recommended for concrete, the 14" (355.6 mm) and 18" (457.2 mm) anchors for normal soil and the 24" (609.6 mm) for loose or sandy soil.

SOIL ANCHORS

	SIZE	PART NO.
14"	355.6 mm	SHL-GPS-14-GL
18"	457.2 mm	SHL-GPS-18-GL
24"	609.6 mm	SHL-GPS-24-GL

CONCRETE ANCHORS

	SIZE	PART NO.
8"	203.2 mm	SLGPS-08GL

SURFACE MOUNT BASE

	SIZE	PART NO.		
8"	203.2 mm	SLSMA-1BL		

The Surface Mount Base can be secured to the asphalt or concrete surface using an adhesive pad or epoxy kit.

BASE ADHESIVES

PART NAME	PART NO.		
Epoxy Kit - Installs 1base	SHEPX-13-KI		
Case Epoxy Kit - installs 25 bases	SHEPX-25-CA		
Butyl Pad - Installs 1 base	SHBTL-23-KI		
Case Butyl Pads - installs 40 units	SHBTL 40CA		
Epoxy is also available in bulk 1 gallon packaging			





RUBBERTOUGH 360 (RT360)

SOIL ANCHOR SPIKE

Includes 3-1/2" (88.9 mm) sign post with hardware to attach a heavy-duty soil anchor spike. See page 5 for soil anchor installation tools.

SIZE	PART NO.	PANEL SIZE
36" 914.4 mm	SR936GPS32WXW	18"- 32" 457.2 mm - 812.2 mm
48" 1219 mm	SR948GPS44WXW	18"- 44" 457.2 mm - 1118 mm

BOLT-DOWN SURFACE MOUNT

Includes 3-1/2" (88.9 mm) sign post, single sided sign hardware, plastic base and connectors to attach post to base. Can be mounted to asphalt or concrete using galvanized steel self-tapping masonry screws.

SIZE	PART NO.	PANEL SIZE
36" 914.4 mm	SR936SMB32WXW	18"- 32" 457.2 mm - 812.2 mm
48" 1219 mm	SR948SMB44WXW	18"- 44" 457.2 mm - 1118 mm

PORTABLE MAT

Includes 3-1/2" (88.9 mm) sign post with single sided sign hardware and a 34"x 15"x 2-1/8" (863.6 mm x 381 mm x 56 mm), 32 lb (17.24 kg), recycled rubber mat with quick release hardware.

SIZE	PART NO.	PANEL SIZE
36" 914.4 mm	SR936PCD32WXW	18"- 32" 457.2 mm - 812.2 mm
48" 1219 mm	SR948PCD44WXW	18"- 44" 457.2 mm - 1118 mm

QUICK RELEASE PORTABLE BASE

Quick release mechanism requires no tools and makes set up and tear down simple.











PART NAME	PART NO.
Portable Base (14" x 30", 32 lbs.)	SRPCD-1BL





VERTICAL SIGN PANELS

WHITE BLANK PANELS

White thick flexible panels with no reflective panels or decals applied. If you want to add your own reflective or decals, please follow the reflective or decal manufacturer's instructions for adhering their product to plastic panels to ensure high quality performance.

Panels come pre-punched with the hole & slot pattern to fit the Dura-Post[®] Vertical Panel Product System.

ORANGE/WHITE PANELS

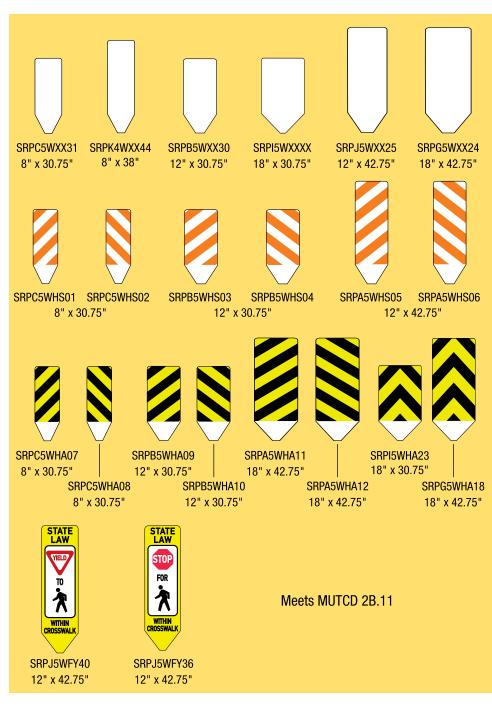
High-Intensity Sheeting with 4" (101.6 mm) wide orange and silver diagonal stripes, sloping down either left or right.

YELLOW/BLACK PANELS

High-Intensity Sheeting with 4" (101.6 mm) wide yellow and black diagonal stripes, sloping down either left, right or chevron.

PEDESTRIAN CROSSING PANELS

High-Intensity Sheeting with high quality graphics and symbols professionally applied. All fluorescent yellow-green signs use diamond grade reflective sheeting.



HIGH VISIBILITY MEDIAN MARKER

This 8" x 38" solid vertical panel is perfect for marking medians, islands or other similar obstacles. These panels are Type V Abrasion Resistant Reflecting Sheeting.

Available colors: silver, amber, red, orange, green and blue.

All sign post panels incorporate the Safe-Slot[™] feature and meet the requirements of the MUTCD where applicable. Dura-Post[®] VP vertical panel sign post systems are available as completed ready to use panels, panel blanks, and reflectorized panels.



DURA-POST® VERTICAL SIGN PANELS



FEATURES

- Stainless steel, locking sign panel fastening hardware.
- Surface Mount, Soil Anchor, and Portable Mat models available for use almost anywhere.
- Twister base option available for applications that require quick and frequent installation and removal.
- Standard colors: yellow, orange, white.
 - Standard Heights: 36", 42", and 48"
 - Dura-Post high performance post technology
 - Safe-Slot vertical panels
 - Stainless steel locking hardware
 - Pin lock surface mount base (Screw down and/or epoxy)
 - Twister Base
 - 32 lb rubber mat (Optional with Twister Base) galvanized soil anchor available (Not pictured)

The Dura-Post[®] VP, High Performance Vertical Panel sign post system, is designed to meet the most demanding requirements for high visibility, reboundable, sign post systems. The Dura-Post VP sign post has been successfully tested to withstand 10 bumper hits, and wheel over impacts at 55 mph.

The Dura-Post VP sign post is also ideal for vertical panel applications such as Pedestrian Crossing Systems and Hazard Panels for both permanent and temporary applications.



DURA-POST VP



PEDESTRIAN CROSSING ASSEMBLY

REFLECTIVE DECALS

Safe-Hit[®] and Dura-Post[®] and posts are available with decals and labels as an alternate choice to the standard reflective sheeting. A variety of special reflective arrangements, custom labels, and customer supplied labels and barricade tape can be applied upon request. Minimum quantities may apply.

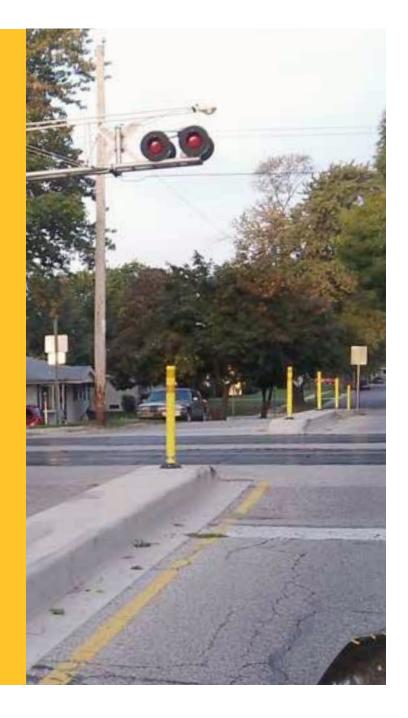
PRODUCT NAME				DESCRIPTION		SIZE	PART NO.
			Hazard - Right	Black/amber Black/silver Orange/silver Red/silver	3" x 12" 3" x 12" 3" x 12" 3" x 12" 3" x 12"	76.2mm x 304.8 mm 76.2mm x 304.8 mm 76.2mm x 304.8 mm 76.2mm x 304.8 mm	SH-MD0036-R SH-MD0037-R SH-MD0038-R SH-MD0146-R
			Hazard - Left	Black/amber Black/silver Orange/silver Red/silver	3" x 12" 3" x 12" 3" x 12" 3" x 12" 3" x 12"	76.2mm x 304.8 mm 76.2mm x 304.8 mm 76.2mm x 304.8 mm 76.2mm x 304.8 mm	SH-MD0036-L SH-MD0037-L SH-MD0038-L SH-MD0146-L
Hazard Left Black/Amber	Hazard Right Black/Silver	Hazard Center Orange/Silver	Private Property	Black/silver	3" x 12"	76.2mm x 304.8 mm	SH-MD0033
NO	B	V	Call Box - Right	Blue/silver - Rev.	3" x 12"	76.2mm x 304.8 mm	SH-MD0074-R
P	Eg	AL	Call Box - Left	Blue/silver - Rev.	3" x 12"	76.2mm x 304.8 mm	SH-MD0074-L
RK	RESER		Call Box - Double	Blue/silver - Rev.	3" x 12"	76.2mm x 304.8 mm	SH-MD0074-D
NG	VED	E	Reserved	Black/silver Red/silver	3" x 12" 3" x 12"	76.2mm x 304.8 mm 76.2mm x 304.8 mm	SH-MD0117 SH-MD0118
No Parking	Reserved	Valet	No Parking Valet	Red/silver Red/silver	3" x 12" 3" x 12"	76.2mm x 304.8 mm 76.2mm x 304.8 mm	SH-MD0139 SH-MD0140
NO PARKING	NO PARKING		No Park - Fire Lane	Black- Red/silver	3" x 9"	76.2mm x 228.6 mm	SH-MD0148
	B	OW FIRE	No Park - Tow Away	Black- Red/silver	3" x 9"	76.2mm x 228.6 mm	SH-MD0149
FIRE	TOW AWAY		Fire Hydrant	Red- Blue/silver	3" x 9"	76.2mm x 228.6 mm	SH-MD0150
No Parking Fire Lane	No Parking Tow Away	Fire Hydrant	Mowing Limit	Brown/white - Rev.	2 1/2" x 6 1/2"	63.5mm x 165.1 mm	SH-MD0152
			Custom labe	els are available. Ca	all for details	3!	

REFLECTIVE SHEETING

		High Hear	all prismatic alle prismatic High prism	atic Diamond Grad	E Jo ³¹ Diamond Grad Diamond G	evile inpactance) stormance) prosion
			ASTM TYPE IV	ASTM TYPE XI	ASTM TYPE XI	ASTM TYPE V
Available (substitut letter with () in part n	e color asterisk	S - Silver A - Amber O - Orange	S - Silver A - Amber O - Orange R - Red B - Blue G - Green	S - White A - Yellow R - Red B - Blue G - Green L - Fl. Yellow-Green Y - Fl. Yellow O - Fl. Orange	S - White A - Yellow Y - Fl. Yellow R - Red B - Blue G - Green	S - Silver A - Amber O - Orange R - Red B - Blue G - Green
Size	†Line	Part Number	Part Number	Part Number	Part Number	Part Number
3" x 3"	SH,DP	SH- <u>*</u> H0303	SH- <u>*</u> P0303	SH- <u>*</u> D0303	SH- <u>*</u> Y0303	SH <u>*</u> A-03-0003
3" x 4"		SH- <u>*</u> H0304	SH- <u>*</u> P0304	SH- <u>*</u> D0304	SH- <u>*</u> V0304	SH <u>*</u> A-03-0004
3" x 6"		SH- <u>*</u> H0306	SH- <u>*</u> P0306	SH- <u>*</u> D0306	SH- <u>*</u> V0306	SH <u>*</u> A-03-0006
3" x 7.5"	SH	SH- <u>*</u> H0307.7	SH- <u>*</u> P0307.5	SH- <u>*</u> D0307.5	SH- <u>*</u> V0307.5	SH <u>*</u> A-03-07.5
3" x 9"		SH- <u>*</u> H0309	SH- <u>*</u> P0309	SH- <u>*</u> D0309	SH- <u>*</u> V0309	SH <u>*</u> A-03-0009
3" x 10"	DP	SH- <u>*</u> H0310	SH- <u>*</u> P0310	SH- <u>*</u> D0310	SH- <u>*</u> V0310	SH <u>*</u> A-03-0010
3" x 12"	RT360	SH- <u>*</u> H0312	SH- <u>*</u> P0312	SH- <u>*</u> D0312	SH- <u>*</u> V0312	SH <u>*</u> A-03-0012
4" x 7.5"	SH	SH- <u>*</u> H0407.5	SH- <u>*</u> P0407.5	SH- <u>*</u> D0407.5	SH- <u>*</u> V0407.5	SH <u>*</u> A-04-07.5
4" x 10"	DP	SH- <u>*</u> H0410	SH- <u>*</u> P0410	SH- <u>*</u> D0410	SH- <u>*</u> V0410	SH <u>*</u> A-04-0010
4" x 12"	RT360	SH- <u>*</u> H0412	SH- <u>*</u> P0412	SH- <u>*</u> D0412	SH- <u>*</u> V0412	SH <u>*</u> A-04-0012
6" x 7.5"	SH	SH- <u>*</u> H0607.5	SH- <u>*</u> P0607.5	SH- <u>*</u> D0607.5	SH- <u>*</u> V0607.5	SH <u>*</u> A-06-07.5
6" x 10"	DP	SH- <u>*</u> H0610	SH- <u>*</u> P0610	SH- <u>*</u> D0610	SH- <u>*</u> V0610	SH <u>*</u> A-06-0010
6" x 12"	RT360	SH- <u>*</u> H0612	SH- <u>*</u> P0612	SH- <u>*</u> D0612	SH- <u>*</u> V0612	SH <u>*</u> A-06-0012
9" x 7.5"	SH	SH- <u>*</u> H0907.5	SH- <u>*</u> P0907.5	SH- <u>*</u> D0907.5	SH- <u>*</u> V0907.5	SH <u>*</u> A-09-07.5
10" x 12"	RT360	SH- <u>*</u> H1012	SH- <u>*</u> P1012	SH- <u>*</u> D1012	SH- <u>*</u> V1012	SH <u>*</u> A-10-0012

†Product Line Key: SH = Safe-Hit, DP = Dura-Post. Note: Other sizes availabe. Call for details.

Specialty Products



SAFE-HIT® SIGN POSTS

FLEXIBLE SIGN SYSTEMS

Safe-Hit's[®] flexible sign posts and signs are made of durable plastic and are tested to withstand vehicular impacts. Each sign post is provided with internal sign mounting hardware, as well as screws and washers for mounting signs. Sign Posts are available to fit all Safe-Hit bases and anchors.



SAFE-HIT® FLEXIBLE SIGN POSTS						
Soil Anchor	48" (1219 mm) round post with built-in sign hardware, mounting screws and 18" (457.2 mm) Drivable Soil Anchor (GP3).	SX348GP318WX SX348GP324WX				
Surface Mount	48" (1219 mm) round post with built-in sign hardware, mounting screws and Surface Mount Pin Lock Base (SMA)	SX348SMA18WX SX348SMA24WX				
Portable	48" (1219 mm) round post with built-in sign hardware, mounting screws and portable 18 lb. (8.16 kg) Rubber Base (PSB).	SX348PSB18WX SX348PSB24WX				
"Double sided hardware: SX348GP324WX-D" applies to all.						





Standard post colors: white, yellow, orange Custom post colors: gray, green, blue, black, brown, red.

Full list of stocked signs, sign blanks and custom signs available upon request.

SAFE-HIT[®] SNO-POST[™] BOUNDARY MARKER

The Safe-Hit[®] Sno-Post[™] Boundary Marker is an efficient, affordable replacement for traditional snow posts, painted wooden sticks, skinny fiber poles or expensive delineator posts. The marker is made of 3 simple components - a 36" post constructed of flexible, durable polyethylene with ultraviolet inhibitors, a 12" anchor made of high impact polystyrene, and one of numerous fastener options.

SPECIFICATIONS

- 36" tall post, 3" reflector
- Available in 2 diameters
 - 1.75" (medium) black
 - 2.25" (large) multiple colors

12" PLASTIC ANCHOR

- High impact polymer
- Structural support fins
- Easy to drive

NUMEROUS FASTENER OPTIONS

- Tie wrap (standard)
- Push pins
- Galvanized or stainless roll pin
- Galvanized or stainless nut & bolt

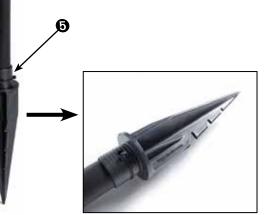
OTHER APPLICATIONS

- Utility markers
- Fire hydrant markers
- Distance markers
- Drain & culvert markers
- Walking trail & campsite markers





- Cap (Optional)
- **2** Reflective sheeting
- **3**6" polyethylene post
- **4** 12" High impact polyethylene anchor
- **5** Fastener (Tie wrap)



SAFE-HIT[®] CERTIFIED AIRPORT MARKERS

Consists of co-extruded polyethylene tube with ultraviolet inhibitors, high strength plastic fasteners, and Type IV retro-reflective sheeting. It has been tested and certified by ETL to the Federal Aviation Administration (FAA) L-853 standards of the FAA Advisory Circular: 150/5345-39D. The Safe-Hit Airport Marker is ideal for installations on airport taxiways, airport runway edges, ends, and thresholds.

FEATURES

- No above ground metal parts.
- 360° visibility
- Corrosion resistant soil anchor with integrated locking tabs for quick, easy marker placement.
- Reflective color choices: blue, red, green, silver.
- Debris inhibiting plastic cap.
- Optional anti-perch bird cap available.
- Surface mount or soil anchor versions available.

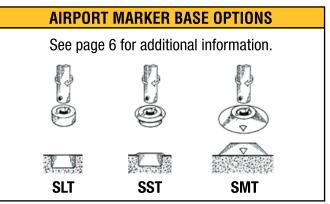
SPECIFICATIONS

- 14" (356 mm), 18" (457 mm), 24" (610 mm), 30" (763 mm) tall
- 8" (203 mm) base diameter
- 18" (457 mm) standard soil anchor length
- 96 sq. inches of ASTM D4956 Type IV flexible diamond grade reflective sheeting

	SAFE-HIT® CERTIFIED AIRPORT MARKERS					
		SURFACE MOUNT	SOIL MOUNT			
Taxiway Marker (Blue)	14" 18" 24" 30"	SH614SMAWB-12 SH618SMAWB-14 SH624SMAWB-14 SH630SMAWB-14	SH614GP5WB-12 SH618GP5WB-14 SH624GP5WB-14 SH630GP5WB-14	• For the optional anti-perch bird cap add a "C" to the end of the part number.		
Runway Edge Marker (White)	14" 18" 24" 30"	SH614SMAWS-12 SH618SMAWS-14 SH624SMAWS-14 SH630SMAWS-14	SH614GP5WS-12 SH618GP5WS-14 SH624GP5WS-14 SH630GP5WS-14	 For Surface Mount Twist Lock Base substitute "SMT" for "SMA". For Sub-Surface Mount Twist Lock Base substitute "SST" for "SMA". 		
Runway Threshold Marker (Green)	14" 18" 24" 14"	SH614SMAWG-12 SH618SMAWG-14 SH624SMAWG-14 SH630SMAWG-14	SH614GP5WG-12 SH618GP5WG-14 SH624GP5WG-14 SH630GP5WG-14	 For Sub-Level Surface Mount Twist Lock Base substitute "SLT" for "SMA". Other soil anchor lengths available to match 		
Runway End Marker (Red)	14" 18" 24" 30"	SH614SMAWR-12 SH618SMAWR-14 SH624SMAWR-14 SH630SMAWR-14	SH614GP5WR-12 SH618GP5WR-14 SH624GP5WR-14 SH630GP5WR-14	your particular soil conditions.		

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SAFE-HIT[®] GUARDRAIL DELINEATORS

Guardrail delineators are highly visible, reflective devices mounted directly to the guardrail structure. They enhance both day and night delineation. Posts include appropriate hardware for installation to wood or steel posts.

WOOD POSTS

Post flattened on top with one 3" x 9" (76.2 mm x 228.6 mm) reflective strip; includes two aluminum nails for attaching to wood quardrail posts.

STEEL POSTS

Post flattened on top with one 3" x 9" (76.2 mm x 228.6 mm) reflective strip; includes two self-tapping screws for attaching to steel guardrail posts.

ТҮРЕ	SIZE	PART NO.
Wood Posts	27"	SH227GRDWS
Steel Posts	27"	SH227GRSWS



BARRIER MARKERS

Used to delineate Jersey Barrier and can be used as a mile marker, drain marker or other type of marker.

COLOR	SIZE	PART NO.
Yellow	16"	SH216RBMYA
	24"	SH224RBMYA
White	16"	SH216RBMWS
	24"	SH224RBMWS



DURA-POST® GUARDRAIL DELINEATORS

Use the Dura-Post[®] guardrail delineator in applications that could be frequently impacted or are in extreme environments. All 3" round Dura-Post guardrail delineators come with a steel guardrail mounting tube, self-tapping screws for wood or steel guardrail posts, and delineator fasteners. Custom heights up to 36" and other colors such as orange are available.

ТҮРЕ	SIZE	PART NO.
With 3"x 9" silver high intensity flexible prismatic reflective	24" 609.6 mm	SHL24GRSWS-09
With 3"x 9" amber high intensity flexible prismatic reflective	24" 609.6 mm	SHL24GRSYA-09

KONAPOST[®] QUICK CHANGE DELINEATORS

The KonaPost[®] delineator is an excellent alternative to traditional orange cones. It is ideal for reoccurring applications where orange cones or markers are often impacted and must be quickly deployed in specific patterns on a regular basis. The unique system of the KonaPost delineator enables it to take multiple impacts and stay in place.

It has been tested to take over 200 direct wheel impacts at 45 mph. The flexible 6" plug easily inserts into a hot-dip galvanized steel receptacle that is recessed into the pavement. The delineator posts can be deployed when needed and quickly removed by lifting them out of the pavement receptacles.



APPLICATIONS

- Gate closures
- Reversible lanes
- Lane redirect
- Parking lots & garages
- Event management

FEATURES

- Extremely impact resistant.
- 360° full visibility.
- No protruding metal parts.
- One piece post construction.
- Withstands extreme temperatures.
- Reflective sheeting available.
- Available in white, yellow, orange or custom colors.

SPECIFICATIONS

- Height (Post) 19" (483 mm)
- Diameter (Post) 4" (102 mm)
- Height (Plug) 6" (152 mm)
- Width (Receptacle plate) 4.5" (114 mm)
- Depth Receptacle 8" (203 mm)

26







RECEPTACLE	SIZE	PART NO.
603667 8" depth 4-1/2"x 4-1/2" flange	4" x 19" w/6" plug	SHLG19GPRYX (Yellow) SHLG19GPROX (Orange) SHLG19GPRWX (White)



DURA-POST® ISLAND K-MARKERS

K-MARKER

3" x 18" (76.2 mm x 457.2 mm) post with a 15" x 6" (381 mm x 152.4 mm) target plate attached with one 12" x 6" (304.8 mm x 152.4mm) reflective strip on front, two 1" x 6" (25.4 mm x 152.4 mm) patches.

PART NAME	PART NO.
18" 457.2 mm	SHLK18SMAWA-03

SAFE-HIT[®] ISLAND K-MARKERS

Island markers are ideal for delineating traffic islands, entryways or wherever special markers are needed. All are available in surface and soil mount versions.

K-MARKER SURFACE MOUNT

Round white post, with 15" x 6" (381 mm x 152.4 mm) target plate attached with one 12" x 6" (304.8 mm x 152.4 mm) reflective strip on front, two 1" x 6" (25.4 mm x 152.4 mm) patches on back and a 6' (152.4 mm) wrap around post. Includes surface mount pin lock base.

K-MARKER SOIL ANCHOR

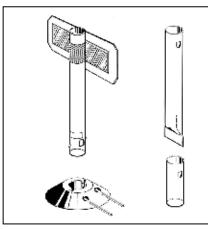
Round white post, with 15" x 6" (381mm x 152.4 mm) target plate attached with one 12" x 6" (304.8 mm x 152.4 mm) reflective strip on front, two 1" x 6" (25.4 mm x 152.4 mm) patches on back and 6" (152.4 mm) wrap around post. Includes drivable soil anchor.





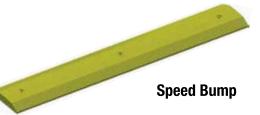


BASE OPTIONS



ТҮРЕ	SIZE	PART NO.
Surface Mount	18"	SH718SMA-WA
Surface Mount	24"	SH724SMA-WA
Soil Anchor	18"	SH718GP3-WA
	24"	SH724GP3-WA

SPEED BUMPS AND PARKING STOPS



replace broken and	unsightly o plastic, th plastic of concret installatio e (never n	n eeds painting) ability	he Parking Stop. Made		
	Speed Bump Parking Stops				
SPEED BUMP AS	SEMBL	(Hardware included)	SPEED BUMP O	NLY (No ha	ardware)
COLOR	SIZE	PART NO.	COLOR	SIZE	PART NO.
Yellow	6'	617659	Yellow	6'	113803
PARKING STOP A	SSEMB	L IES (Hardware included) PARKING STOP	(No hardw	are)
COLOR	SIZE	PART NO.	COLOR	SIZE	PART NO.
Yellow	4'	617655	Yellow	4'	117502
Yellow	6'	617656	Yellow	6'	117503
Blue	6'	617657	Blue	6'	117499
Grey	6'	617658	Grey	6'	117501
REPLACEMENT I		AME	PART NO.	2	Alterna

replace broken and	unsightly of plastic, th plastic of concret installatic e (never n	n eeds painting)	ne Parking Stop. Made		
		Speed Bump (Hardware included)	SPEED BUMP 0	· · · ·	,
COLOR Yellow	SIZE 6'	PART NO. 617659	COLOR Yellow	SIZE 6'	PART NO. 113803
Ventow 6 617659 Ventow 6 113803 PARKING STOP ASSEMBLIES (Hardware included) PARKING STOP (No hardware) COLOR SIZE PART NO. COLOR SIZE PART NO.					
Yellow	4'	617655	Yellow	4'	117502
Yellow	6'	617656	Yellow	6'	117503
Blue	6'	617657	Blue	6'	117499
Grey	6'	617658	Grey	6'	117501
REPLACEMENT I		ARE	PART NO.	1	and the second sec

NAME
Replacement Hardware Kit for 4' Parking Stop
Replacement Hardware Kit for 6' Parking Stop & 6' Speed Bump

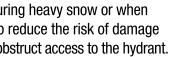
SAFE-HIT® SPECIALTY MARKERS

FIRE HYDRANT MARKERS

Helps fire department personnel quickly locate hydrants during heavy snow or when hydrants are located in tall vegetation areas. They also help reduce the risk of damage during snow plowing operations. The flexible post does not obstruct access to the hydrant.

COLOR	SIZE	ТҮРЕ	PART NO.
Vallaur	48"	w/Mounting Bracket	SH248FHMUL
Yellow	48"	Soil Anchor	SH248GP3UL
White	48"	Surface Mount Base	SH248SMAUL
White	3" x 12"	Extra FHM Decal	SH-MD0150











SAFE-HIT[®] GLARESCREEN

The Safe-Hit[®] Glarescreen is a reboundable vertical delineator blade system that is used to delineate both temporary and permanent medians and block out headlight glare of oncoming traffic. Positioned on the top of median barriers, this delineator system helps to minimize traffic slowdowns in work zone areas. Made of polymeric materials, the blades are flexible and durable, and can take multiple high speed impacts and return to vertical.

SPECIFICATIONS

MOUNTING BASE

- 4-3/4" diameter x 1-7/8" tall
- Black high-impact polymer

FULL BASE RAIL SECTION

- 5-1/2" x 24" x 5/8"
- White high-impact polymer

HALF BASE RAIL SECTION

- 5-1/2" x 11" x 5/8"
- White high-impact polymer

BLADES

- Green, orange & white
- 9" x 18", 9" x 24" or 9" x 30"
- High-impact polymer with radius corners

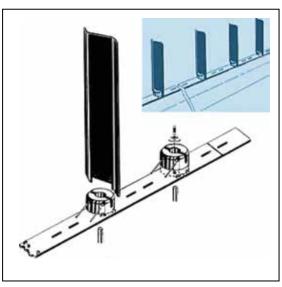




SAFE-HIT [®] GlareScreen Replacement Blades				
	9" x 18"	SHGSP-18G		
Green	9" x 24"	SHGSP-24G		
	9" x 30"	SHGSP-30G		
	9" x 18"	SHGSP-18W		
White	9" x 24"	SHGSP-24W		
	9" x 30"	SHGSP-30W		
Orange	9" x 18"	SHGSP-180		
	9" x 24"	SHGSP-240		
	9" x 30"	SHGSP-300		

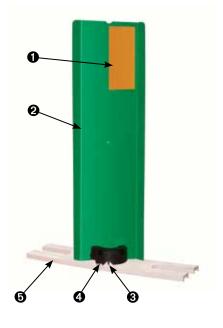
Features

- Blocks out headlight glare.
- May serve as a delineator when reflective sheeting is added to provide visibility and traffic channelization.
- Reboundable and durable. Designed to help withstand multiple impacts from overhanging loads.
- Helps to reduce congestion in work zones by limiting cross-median visibility.
- Versatile, modular design adapts to most sizes of temporary or permanent barrier.
- · Blade installation and replacement with two retaining pins instead of bolts or screws.
- Removable blade allows access to both sides of highway for maintenance or emergency crews.
- Ideally suited for construction work zones and curved roadways.
- Less debris when impacted compared to fencing or plywood products.
- Standard green color. Custom orange or white colors available.
- Standard height 18" (457 mm), 24" (610 mm) and 30" (762 mm).
- Compact storage and shipping

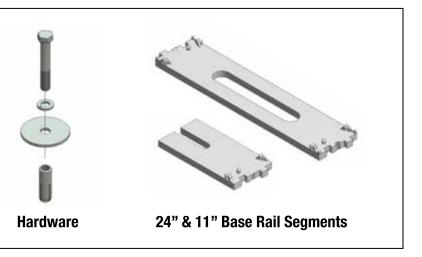


Modular System





- Retroreflective Sheeting (Optional)
- 2 Flexible, High-Impact Polymer Blade (18", 24" or 30" tall)
- **3** Zinc Plated, Galvanized or Stainless Steel Hardware
- **4** Black High-Impact Mounting Base
- **5** 24" and 11" Modular Base Rail Sections



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