CARSONITE®
COMPOSITES

Your Best Source For Quality, Durability, and Innovation

**Marking, Testing, Safety, and Installation Products
for Telecommunications, Oil and Gas Pipeline, Water, Sewer and Power Utilities**

PHILIPS

Markers Comparison Chart

Use the handy chart at right to choose markers for your specific application.

Carsonite Product Name	Ideal for highway impacts	Withstands direct tire rollovers	Withstands up to 35 MPH impact	Withstands bumper impacts	Made from recycled materials	UV Protection	Withstands impacts below 32°	Withstands controlled ditch burns	Ground Mounted	Surface Mounted	Available with U Channel anchor system	Withstands small caliber gunshots	Direct Graphics possible	One sided messages	Two sided messages	Can be converted to test station	Provides 360° Visibility
CHP Carsonite High Performance Post	√	√	√	√		√	√	√	√			√	√	√			
CRM Utility Marker®		√	√	√		√	√	√	√			√	√	√			
SSM Survivor® PP	√	√	√			√				√		√		√			
CLI2 Channelizer® Round PP			√	√		√				√		√		√	√		√
CLIF Channelizer® Flat PP			√	√		√				√		√		√	√		
GSM GreenLine® PP			√	√	√	√				√		√		√	√		
CDS Survivor®	√	√	√			√	√			√	√	√			√		
CFR Curv-Flex®	√	√	√	√		√	√	√	√			√		√			
CIB Dual Sided Marker		√	√	√		√	√	√	√			√	√	√	√		
CBM Utility ID Post			√	√		√	√	√	√			√	√	√			
PM Pedestal Marker			√	√		√	√	√				√	√	√			√
SNFB Snowpole			√	√		√	√	√	√			√	√	√			
CGD Single Curve	√	√	√	√	√	√				√		√	√		√	√	
HWD Double Curve	√	√	√	√	√	√				√		√	√				
GPM General Purpose Marker	√	√	√	√	√	√				√		√		√	√		
CIP2 Round Sentry®	√	√	√	√		√				√		√		√	√		√
CIPF Flat Sentry®	√	√	√	√		√				√		√		√	√		
CTFM Tuff-Flex®	√	√	√	√		√	√			√		√		√	√		
CVE Visibility Enhancer			√	√		√				√		√		√	√		√
CVE-U Visibility Enhancer Unit			√	√		√				√		√		√	√		√
CRFE Retrofit Enhancer		√	√	√		√						√	√	√	√		√
CEFM Econo-Flex		√	√	√		√	√	√	√			√	√	√	√		
IGP Guard Post Cover			√	√		√	√			√		√		√			√
PPM Perma-Post			√	√		√	√	√	√			√	√	√	√	√	
CAT Cathod-O-Flex			√	√		√	√	√	√			√	√	√			
TOF Trace-O-Flex			√	√		√	√	√	√			√	√	√			
CTFC TuffCat™			√	√		√	√	√	√			√	√	√	√		
CLMU LineMarker®			√	√		√	√			√		√	√	√	√	√	√
FTLM Flat Top LineMarker®			√	√		√	√			√		√	√	√			√
CVP Visi-Post			√	√		√	√			√		√	√	√			√
VSM Visi-Post PP			√	√		√	√			√		√	√	√			√
SCTS Small Scepter® Test Station Unit				√		√	√			√		√	√	√	√		√
LCTS Large Scepter® Test Station Unit				√		√	√			√		√	√	√	√		√
Custom Signs		√	√	√		√	√	√				√		√	√		
Decals		√	√	√		√	√						√				

Peace and quiet!

Control noise and visibility around transformer yards and other installations with Carsonite's amazingly effective AcoustaShield™ sound barrier systems. Ask for a brochure or visit our website:

www.carsonite.com

Who we are

Carsonite was founded in 1977 by engineers who were involved in the development of advanced composite materials for the U.S. space program. They turned this advanced technology toward cost-effective, safety-oriented marking products for the highway, utility, and recreation industries.

Why Carsonite?

Proven to withstand repeated vehicle impacts, our markers and delineators remain the best, and they are the industry standard. Even our competitors acknowledge our superiority, claiming "as good as Carsonite." Fact is, few take the extra steps and use the technologies we employ. To be sure you truly get Carsonite quality, just buy Carsonite.

With decades of experience, Carsonite holds many patents on products as well as the processes that produce them. We know our products perform, because we test them, year after year.

Our expertise also comes with a commitment to excellence in customer service. For example, we make instructional videos available to train field installation personnel–just one of the many extra steps we take to ensure customer satisfaction. This all boils down to just one thing: Carsonite is the originator, the innovator, and the quality supplier of choice for your utility.

We are 811 savvy

As our industry moves toward the 811 standard, Carsonite is ready, and we can help you with the transition.

Table of Contents

811
Know what's **below.**
Call before you dig.

CARSONITE®
COMPOSITES

605 Bob Gifford Blvd.
Early Branch, South Carolina 29916
800-648-7916 · www.carsonite.com

HIGH PERFORMANCE UTILITY MARKER®

All-purpose marker with supreme tolerance for repeated vehicular impacts at highway speeds.

NEW! You can get this level of performance and durability only from Carsonite. Our new High Performance Marker rolls all of our sophisticated composite technologies into an outstanding marker that stands up to the worst case scenario: multiple, highway-speed vehicular impacts, and controlled ditch burns.

When struck, this marker rebounds to serve again, so your lines won't go unmarked simply because someone hit the marker. The High Performance Utility Marker is the right choice where impacts are likely. Add custom or standard decals for buried utility lines, and day or night visibility. All genuine Carsonite markers withstand impacts. This one takes it to the next level.

Carsonite sets the industry standard, and genuine Carsonite markers give you impact resistance, innovative design, and durability that you can get only from Carsonite.

Specifications

Material	Composite, High Performance Construction
Width	3.75" (9.53 cm)
Lengths	60", 62", 66", 72", 78", 84", 96"
	152.4, 157.5, 167.6, 182.9, 198.1, 213.4, 243.8 cm
Weight	1.90 lbs. (0.86 kg) (62")
Colors	White (01), Yellow (02), Brown (03), Orange (04), Red (05), Green (07), Blue (08)
Product #	CHP30 _ _ _ _

SURVIVOR® PP
Surface-mounted Survivor®

NEW! Carsonite's popular, durable Survivor now comes in a model that easily and quickly surface mounts to concrete or other paved surfaces. Use it for crowd flow, parking lot lane marking, and other places where vehicular impacts are probably going to be low speed, and direct tire rollover is limited.

This product's tough, ultraviolet-resistant plastic polymer post withstands high-speed impacts - even 65 mph and tire rollover! The surface mount base also resists impacts and tire rollover. The marker will survive cold weather extremely well.

CHANNELIZER® PP
Surface-mounted Channelizer®

NEW! Specifically designed for temporary applications such as construction zones, this surface-mounted marker minimizes workers' exposure to danger because it installs easily, and replacement is simple . The Channelizer PP's new low-profile base enables the post to withstand repeated vehicular impact.

Available in flat or round styles. Use round for applications requiring 360-degree visibility. Use reflective sheeting on the flat Channelizer PP for lane delineation around work zones.


GREENLINE® PP
Surface-mounted marker

NEW! GreenLine® PP Surface Mount Markers are made of tough, recycled plastic polymers. They withstand repeated vehicle impacts and are ideal for marking and identification on hard surfaces. These posts are excellent choices for parking lots. They install easily with epoxy or mastic pad.

Carsonite's GreenLine products are made from recycled materials. Replacement posts (without bases) are also available. Not recommended for temperatures below 32º F (0º C).
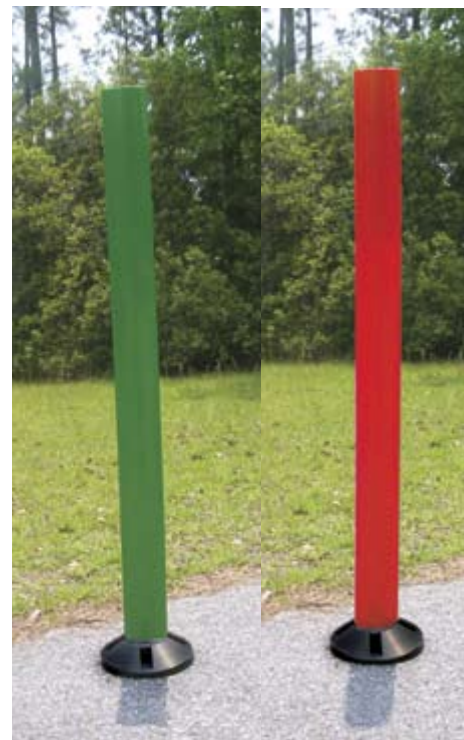
Hi-density Polypropylene	Hi-Density Polypropylene	Recycled Plastic Polymer
Semicircular cross-section: 3.5" (8.89 cm)	Round: 2.25" (5.71 cm) dia; Flat: 3"	3.85" (9.78 cm)
24", 30", 36", 42", 48"	24", 30", 36", 42", 48"	24", 36", 42", 48"
61.0, 76.2, 91.4, 106.7, 121.92 cm	61.0, 76.2, 91.4, 106.7, 121.92 cm	61.0, 91.4, 106.7, 121.92 cm
White (01), Yellow (02), Orange (04)	White (01), Yellow (02), Orange (04)	White (01), Yellow (02), Orange (04), Green (07)
SSM30 _ _ _ _	**Round: CLI20 _ _ _ _ MB**	**GSM30 _ _ _ _**
	Flat: CLIF _ _ _ _ MB	

Driveable, Flexible MARKERS

Carsonite markers have set the industry standard for permanent, flexible markers with an unparalleled service cycle.

Specifications

UTILITY MARKER®
Low-cost, all-purpose marker for cables, pipelines

For high visibility and easy identification of underground utility lines, the Carsonite Utility Marker is the perfect choice. This trademarked three-rail design combines structural integrity with above-ground flexibility, as well as protection for decals. Easy to install and lightweight for ease of transportation.

Anchors (sold separately) make it virtually impossible to remove the posts without proper equipment. The marker is highly resistant to vandals. Our special composite material will survive multiple small-caliber gunshots without significant loss of legibility or damage to the post. Add custom or standard decals for buried utility lines, day or night.

HIGH IMPACT SURVIVOR®
High performance marker for high impact areas

Carsonite's tough, ultraviolet-resistant plastic polymer creates the most impact resistant markers available– even at 65 mph! The metal U-channel anchor drives into hardpan and rocky soils that other markers cannot. No pilot hole needed. Use manual or power driver.
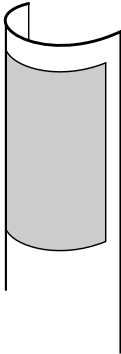
The factory assembled unit makes the Survivor one of the easiest delineators to install.

The marker's semicircular shape allows direct tire impacts, and it survives cold weather extremely well.

|	UTILITY MARKER®	HIGH IMPACT SURVIVOR®
Material	Composite	Hi-Density Polypropylene
Width	3.75" (9.53 cm)	Semicircular cross-section: 3.5" (8.89 cm)
Lengths	60", 62", 66", 72", 78", 84", 96"	60", 62", 66", 72"
	152.4, 157.5, 167.6, 182.9, 198.1, 213.4, 243.8 cm	152.4, 157.5, 167.6, 182.9 cm
Weight	1.90 lbs. (0.86 kg) (62")	3.9 lbs. (1.77 kg) (72")
Colors	*White (01), Yellow (02), *Brown (03), Orange (04), Red (05),	White (01), Yellow (02), Orange (04), Gray (09)
	*Green (07), Blue (08)	
Product #	CRM30 _ _ _ _ NW	CDS30 _ _ _ _
	*Drop "NW" from catalog number.	

CURV-FLEX® MARKER

Passed NASHTO and SASHTO vehicle impact testing

Our most flexible composite marker. Recommended for areas where vehicle impacts are likely. The trademarked curve and flange profile, along with special fiberglass reinforced material, allows this marker to withstand controlled ditch burns, even direct tire impacts and return to its upright position.
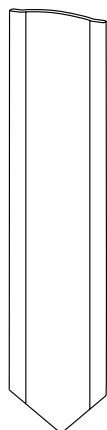
Often used for single or dual-sided identification to mark culverts, utility lines, fire hydrants, and electrical station outlets. In dense soil conditions the Curv-Flex may require a small pilot hole before installation using Carsonite's PDR1 Driver.

DUAL SIDED MARKER

Durable and attractive two-sided marker

The durable Carsonite Dual Sided Mile Marker accepts a decal, numbers, or other information on both sides. It installs easily, and being made of composite material, easily withstands harsh environmental conditions and controlled ditch burns. The marker rebounds after impacts, and is resistant to vandalism, UV exposure and extreme temperature changes.
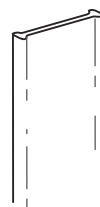
Ideal for dual-sided marking of direct buried utility services. The raised, reinforced ribs along each side prevent scratching or removal of legend if impacted.

UTILITY ID POST

Excellent for pedestals and enclosures

The Utility I.D. Post is ideal for identifying hard-to-see utility fixtures, pedestals, hydrants, valves, rights-of-way, and more. Highly visible colors and warning decals make your message readily visible, even amid overgrown vegetation or drifting snow.
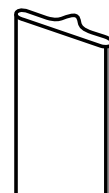
The Post has a back rib for structural strength, rigidity and ease of installation. Virtually unaffected by harsh climates, this all-purpose economical marker can help reduce maintenance costs associated with pedestals and enclosures in areas where impacts are unlikely.

CURV-FLEX® MARKER	DUAL SIDED MARKER	UTILITY ID POST
Composite	Composite	Composite
4" (10.16 cm)	3.94" (10.01 cm)	2.64" (6.70 cm)
60", 62", 66", 72", 78", 84", 96"	60", 62", 66", 72", 78", 84", 96"	60", 62", 66", 72", 78", 84", 96"
152.4, 157.5, 167.6, 182.9, 198.1, 213.4, 243.8 cm	152.4, 157.5, 167.6, 182.9, 198.1, 213.4, 243.8 cm	152.4, 157.5, 167.6, 182.9, 198.1, 213.4, 243.8 cm
2.04 lbs. (0.93 kg) (62")	3.9 lbs. (1.77 kg) (72")	2.2 lbs. (0.99 kg) (72")
White (01), Yellow (02), Orange (04), Red (05), Green (07), Blue (08)	White (01), Yellow (02), Brown, (03), Orange (04), Red (05), Green (07), Blue (08)	White (01), Yellow (02), Brown, (03), Orange (04), Red (05), Green (07), Blue (08)
CFR40 _ _ _ _	CIB30 _ _ _ _	CBM20 _ _ _ _

5

Flexible MARKERS

Carsonite markers address the need for high-impact resistant, low cost markers with high visibility and excellent ease of installation and replacement.

PEDESTAL MARKER
Versatile, durable, and visible

This triangular shape is visible from any angle. Helps prevent damage to telecommunications and CATV pedestals caused by mowing, plowing or maintenance equipment. Helps locate pedestals in areas of deep snow or dense vegetation.
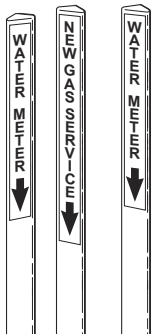
Standard and custom decals are available. Add sheeting for additional nighttime visibility. Mounts directly on the pedestal using the bracket assembly, which allows quick and easy attachment without drilling, preventing damage to the pedestal contents.

SNOWPOLES
High Visibility in all Snowscapes

Thanks to their bright colors, Carsonite Snowpoles provide a highly visible guide for motorists, snowplows, and emergency vehicles. The Snowpole flexes when covered with snow, returning to its upright position without bowing or becoming brittle.
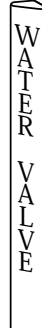
The triangular shaped post can be installed in existing metal U-Channel by using a rubber grommet (sold separately). Add reflective sheeting for a more visible nighttime display. Custom decals are also available.

Specifications

	PEDESTAL MARKER	SNOWPOLES
Material	Composite	Composite
Width	1.12" x 0.32" triangular (2.84 x 0.81 cm)	1.12" x 0.32" triangular (2.84 x 0.81 cm)
Lengths	60", 62", 66", 72", 78", 84", 96"	36", 48", 60", 72", 84", 96", 108"
	152.4, 157.5. 167.6, 182.9, 198.1, 213.4, 243.8 cm	91.4, 121.9, 1152.4, 182.9, 213.4, 243.8, 274.3 cm
Weight	0.6 lbs. (272 g) (36")	0.6 lbs. (0.27 kg) (3')
Colors	White (01), Yellow (02), Orange (04), Red (05), Green (07), Blue (08)	White (01), Yellow (02), Orange (04), Red (05), Black (06), Green (07, Blue (08)
Product #	PM120 _ _ _ _ U	with grommet: SNFB _ _ _ U
		No Grommet: SNFB _ _ _ _

Single-Curve Marker	Double-Curve Marker	General Purpose Marker Flat

The first family of markers made from post-consumer recycled plastic, Carsonite's GreenLine products offer high durability and impact resistance. We offer a choice of profiles in brilliant colors that resist fading - UV stabilizers and colorfast pigments for years of trouble-free service. Other colors are available on special order with a minimum purchase requirement.

The GreenLine Single-Curve Marker is a highly flexible post featuring a simple, curved design that bends easily to withstand direct tire impacts and vehicle impacts at highway speeds. Decals or reflective sheeting can be applied to both sides.

Installs easily in all types of soils with optional U-channel anchor. Use for marking in areas where vehicle and equipment impacts are a concern. Lightweight material allows easy transportation.

RUS Approved. Not recommended for temperatures below 32º F (0º C).

Flexible yet wind resistant, the GreenLine Double Curve Marker provides multiple reflective angles for enhanced visibility. It easily withstands multiple tire and vehicle impacts at highway speeds. Add reflective sheeting for nighttime visibility.

Installs easily in all types of soils with optional U-channel anchor. Not recommended for temperatures below 32º F (0º C).

Carsonite's GreenLine General Purpose Marker is a simple, flat marking post designed for economically identifying utility locations, supporting rural "9-1-1" programs, and performing many other useful functions. Not recommended for temperatures below 32º F (0º C).

Recycled Post-Consumer Plastic Polymer	Recycled Post-Consumer Plastic Polymer	Recycled Post-Consumer Plastic Polymer
3.85" (9.78 cm)	3.75" (9.52 cm)	2.75" (6.99 cm)
60", 62" 66", 72", 78", 84", 96"	66, 72"	60", 62", 66", 72", 84", 96"
152.4, 157.5, 167.6, 182.9, 198.1, 213.4, 243.9 cm	167.6, 182.9 cm	152.4, 157.5, 167.6, 182.9, 213.4, 243.4 cm
1.81 lbs. (0.83 kg) (66")	1.90 lbs. (0.86 kg) (66")	1.55 lbs. (0.70 kg) (66")
White (01), Yellow (02), *Brown (03), Orange (04), *Red (05), *Green (07), *Blue (08) *Minimum quantities apply	White (01), Yellow (02), *Brown (03), Orange (04), *Red (05), *Green (07), *Blue (08) *Minimum quantities apply	White (01), Yellow (02), *Brown (03), Orange (04), *Red (05), *Green (07), *Blue (08) *Minimum quantities apply
CGD10 _ _ _ _ **with U-channel: CGDU056 _ _ U**	**HWD10 _ _ _ _** **with U-channel: HWDU05601 U**	**GPM10 _ _ _ _**

7

UTILITY SENTRY®

Excellent visibility; Flat or Round Styles

TUFF-FLEX®

Designed for two-sided messages

Carsonite's RUS-approved Sentry® post withstands repeated vehicle impacts.

Add stock or custom warning decals to get your message across loud and clear.

Designed for tough soil conditions and areas where vehicle impacts are likely, the Sentry® post provides excellent visibility. It is available in round or flat top styles, and its sub-surface anchor allows quick removal and replacement of the marker, to lower maintenance costs.

Made from high-impact polymers, the post comes in vibrant colors, pigmented throughout the post for positive identification of buried utilities.
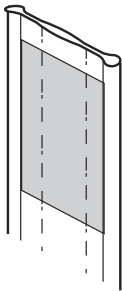
Our most rigid post allows the placement of decals on both sides. The specially engineered design gives the Tuff-Flex® marker the ability to flex if necessary, yet stay rigid enough to be manually driven into hard soils.

The recessed surface protects the warning and identification decals. Made from Carsonite's fiberglass reinforced composite material, Tuff-Flex is designed for years of outstanding performance in harsh outdoor conditions.

Specifications

	UTILITY SENTRY®	TUFF-FLEX®
Material	Polypropylene	Composite
Width	Round: 2.25" dia. (5.72 cm) · Flat: 3" w (7.62 cm)	3.95" (10.03 cm)
Lengths	60" (1.254 m), 66" (1.676 m), 72" (1.829 m), 78" (1.81 m)	60", 62", 66", 72", 78", 84", 96"
		152.4, 157.5. 167.6, 182.9, 198.1, 213.4, 243.8 cm
Weight	1.6 lbs. (1.07 kg) - 66"	2.5 lbs. (1.13 kg) (62")
Colors	White (01, Yellow (02), Orange (04)	White (01), Yellow (02), Brown (03), Orange (04), Red (05),
		Green (07), Blue (08)
Product #	Round Top: CIP20 _ _ _ _ U	CTFM0 _ _ _ _
	Flat Top: CIPF0 _ _ _ _ U	

VISIBILITY ENHANCER®
360-degree Sleeve

Install a 360-degree visibility marker without digging! Carsonite's Visibility Enhancer combines the driveable Utility Marker, High Performance Marker, or Dual-Sided Marker with a rugged, 20½" polyethylene sleeve. Simply drive the marker and fasten the Enhancer using the supplied pop rivets.

Available in White, Yellow, or Orange, the Visibility Enhancer is perfect for intersections, medians, etc., and you can add reflective sheeting for supreme nighttime visibility. The decal area is 16" high.

VISIBILITY ENHANCER® UNIT
CRM Utility Marker Included

When ordered as a unit, the Carsonite Utility Marker comes factory-drilled for even easier installation of the Visibility Enhancer. It's the perfect choice for 360° identification of underground utility lines. Our trademarked three-rail design combines structural integrity with above-ground flexibility, as well as protection for decals.

Because it's virtually impossible to remove without proper equipment, the Carsonite Utility Marker is highly resistant to vandals. Add custom or standard decals for extra visibility, day or night.

RETRO FIT ENHANCER
Slip-on and Secure for existing posts

The quick and easy way to keep your company information current, avoiding federal fines, is with Carsonite's Retro Fit Enhancer. It's a simple, cost-efficient solution to changing company identification on utility markers. Simply slip the Retro Fit Enhancer over an existing LineMarker, Flat Top Line Marker, or Visipost, and secure it with screws or rivets.

Thermoplastic	Visibility Enhancer: Thermoplastic; Post: Composite	High Density Polymer
4" dia. (10.2 cm)	Enhancer: 4" dia. (10.2 cm); Post: 3.75" w (9.52 cm)	3.8" dia. (9.65 cm)
20.5"	Enhancer: 20.5"; Post: 60", 62", 66", 72", 96"	16.5" (0.419 m)
52.1 cm	52.1 cm; 152.4, 157.5, 167.6, 182.9, 243.8 cm	
0.69 lbs. (0.31 kg)		0.75 lbs. (0.34 kg)
White (01), Yellow (02), Orange (04)	Enhancer: White (01), Yellow (02), Orange (04); Post: White (01), Yellow (02), Brown (03), Orange (04), Red (05), Green, (07), Blue (08)	White (01), Yellow (02), Orange (04), Blue (08)
CVE3021 _ _ U	**CVE30 _ _ _ _ _ _ U**	**CRFE016 _ _**
	(post length (inches), post color, enhancer color)	

9

ECONOFLEX®
For Rural Applications

GUARD POST COVER
Inexpensive Solution

Carsonite maintains an extensive line of test stations and related products for utilities.

Carsonite's EconoFlex posts easily handle marking jobs in areas where vehicular impacts and other hazards are less likely. They will withstand much abuse, and even low-speed vehicle impact, but not as much as our premium lines.

These markers are excellent choices for rural areas and similar applications. Add standard or custom decals to get your message across inexpensively.

The Carsonite Guard Post Cover is an inexpensive solution to maintenance and visibility problems without having to paint guard posts. They offer a permanent, bright yellow surface which helps to alert people to potential dangers in and around loading docks, hazardous equipment, electrical distribution, parking facilities, and gasoline dispensing and storage areas.

Simply slip the cover over the guard post and secure it with the supplied vandal resistant hardware for a clean, highly visible, finish. Add reflective sheeting for added visibility.

Specifications

	ECONOFLEX	GUARD POST COVER
Material	Fiberglass Reinforced Composite	Polyethylene with UV stabilizers
Width	3.95" dia. (10.03 cm)	R-40 Series: 4"; R-60 Series: 6" I.D. (approx.) (10.2, 15.2 cm)
Lengths	62", 66", 72", 78"	48"
	157.5, 167.6, 185.4, 198.1 cm	121.9 cm
Weight	2.5 lbs. (1.14 kg) (62")	
Colors	White (01), Yellow (02), Orange (04)	Yellow (02)
	(Other colors available on minimum quantity order)	
Product #	CEFM30 _ _	4": IGP404802U
		6" IGP604802U

PERMA-POST® MARKER

Convert to Test Station When Required

PERMA-POST® TEST STATIONS

Perma-Post® CU Test Station

Perma-Post® Telecommunications Test Station

The Perma-Post® square marker has a wide (4-inch) decal surface to draw attention to warning and caution messages. It is available with standard or custom decals factory applied. Also available as a Test Station.

The Perma-Post is made of fiberglass reinforced composite materials, so it is flame retardant and ideal for areas with extreme temperature changes. It will never rust, rot, or corrode, and insects won't attack it.

Our renowned Perma-Post® Test Stations have a wide (4-inch) decal surface to draw attention to warning and caution messages. Available with cathodic protection or bonding and grounding options, the station is a highly visible marking post. The Perma-Post weighs in at only two pounds per foot, so it is easily transported and installed. The internal test station components do not get as hot as metal test station posts, making it safer for workers in the field.

Provides test access for underground cathodic protection. Composite terminal housing fits flush with the Perma-Post Marker, concealing the terminal board. Shipped ready to install, the Perma-Post CU Test Station includes a standard top-mounted 11-hole terminal board, vandal resistant terminal hardware (unassembled), two cathodic protection identification decals, and two Federal tamper warning decals.

Designed for bonding and grounding applications, this Perma-Post is equipped with a standard top-mounted six-hole terminal board with buss bar and vandal resistant terminal hardware (unassembled). Visible from any direction, it can accommodate up to four warning decals for positive identification.

Fiberglass Reinforced Composite	Fiberglass Reinforced Composite	Fiberglass Reinforced Composite
4"x4"" (102x102 mm)	4"x4"" (102x102 mm)	4"x4"" (102x102 mm)
72", 84", 96"	72", 84", 96"	72", 84", 96"
1.829, 2.134, 2.438 m	1.829, 2.134, 2.438 m	1.829, 2.134, 2.438 m
2 lbs. per ft.	2 lbs. per ft.	2 lbs. per ft.
Yellow (02), Orange (04)	Yellow (02), Orange (04)	Yellow (02), Orange (04)
PPM40 _ _ _ _ U	**PPM40 _ _ _ _ CU**	**PPM40 _ _ _ _ TU**

CATHOD-O-FLEX MARKER
Impact Resistant Test Station

TRACE-O-FLEX MARKER
Impact Resistant Test Station

Carsonite added terminal points and wire connections to our most popular utility marker to create this innovative design. Ideal for locating and testing underground lines, the Cathod-O-Flex test station marker comes standard with a cathodic protection test station identification decal. Optional #12 AWG wire can be installed at the factory.

Replacement terminals are available. Order # CATCOPTER
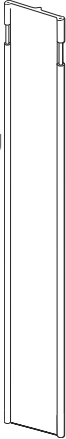
Carsonite has added terminal points and wire (optional) to our most popular utility marker to create an alternative, yet innovative design. Ideal for locating and testing underground lines, the unit comes standard with a Trace-O-Flex test station identification decal. Optional #12 AWG wire can be installed at the factory.

Replacement terminals are available. Order # CATCOPTER.

Carsonite maintains an extensive line of test stations and related products for utilities.

Specifications

	CATHOD-O-FLEX MARKER	TRACE-O-FLEX MARKER
Material	Fiberglass Reinforced Composite	Fiberglass Reinforced Composite
Width	3.75" (99 mm)	3.75" (99 mm)
Lengths	62", 66:", 72"	62", 66:", 72"
	1.57,0 1.676, 1.829 m	1.57,0 1.676, 1.829 m
Weight	72": 2.75 lbs (1.24 kg.)	72": 2.75 lbs (1.24 kg.)
Colors	Yellow (02)	Blue (08)
Product #	CAT30 _ _02U	TOF30 _ _08U
	White wire: CATWIRE; Black wire: CATWIREBLK	White wire: CATWIRE; Black wire: CATWIREBLK

TUFFCAT™ MARKER
Dual-Sided Marking

LINEMARKER®
Original Round Top
Flat Top

This innovative test station houses two terminal access points and wire connections for cathodic protection testing or cable tracing. Designed for easy installation, the TuffCat™ provides two surfaces for warning and identification decals.

Replacement terminals are available. Order # CATCOPTER Optional #12 AWG wire can be installed at the factory.

The LineMarker has a 3.5" white post with a 3.8" enhancer for maximum visibility. It's supplied with a T-anchor for protection against removal by vandals, plus a domed cap that keeps dirt, moisture and insects out of the tube. Ideal for marking underground facilities and rights of way. The LineMarker is made from tough, impact resistant thermoplastic elastomer, and it has proved itself in the field for many years, resisting impacts and environmental conditions. It's available with UV-resistant direct graphics or decals. Also available as a telecommunications or utility test station (see page 17).

The Flat Top LineMarker delivers all of the advantages of the original LineMarker at a reduced cost. The Flat Top's simple design, with a 3.15" diameter white post and a 3.5" diameter enhancer makes the difference, with reduced materials cost. It's supplied with a standard T-anchor and a flat cap. Made from tough, impact resistant thermoplastic elastomer, it has proved itself over and again for many years. It's available with UV-resistant direct graphics or decals. Also available as a Utility or Telecommunications test station. (see page 17)

Fiberglass Reinforced Composite	Hi-density Polypropylene	Polypropylene
3.75" (99 mm)	Post: 3.5" dia (8.89 cm); Enhancer: 3.8" dia. (9.65 cm)	Post: 3.15" dia (8.89 cm); Enhancer: 3.5" dia. (8.89 cm)
62", 66:", 72"	60" (1.254 m), 66" (1.676 m), 72" (1.829 m),	60" (1.254 m), 66" (1.676 m), 72" (1.829 m),
1.57,0 1.676, 1.829 m	78" (1.981 m). 84" (2.134 m)	78" (1.981 m). 84" (2.134 m)
72": 3.75 lbs (1.70 kg.)	66": 3.95 lbs (1.8 kg)	66": 3.25 lbs (1.5 kg)
Yellow (02), Orange (04)	White (01), Yellow (02), Orange (04), Blue (08);	Enhancer: White (01), Yellow (02), Orange (04), Blue (08)
	Posts: White (01), Yellow (02), Orange (04)	Posts: White (01), Yellow (02), Orange (04)
CTFC0 _ _ _ _ U	CLMU30 _ _ 01 _ _	FTLM30 _ _ 01 _ _
White wire: CATWIRE; Black wire: CATWIREBLK		

VAPORGUARD™

Virtually Maintenance-Free Venting

VISI-POST PP

Surface-mounted

The perfect companion to the LineMarker® or Flat Top markers, Carsonite's VaporGuard™ protects pipelines from the hazardous effects of moisture and gas build up. The VaporGuard styles are designed to fit on any 3.5" I.D. or 3.0" O.D. pipe, and include a molded vent that won't rust or break off. Virtually maintenance free, VaporGuard will never rot or corrode, and it's the easy answer to your venting needs.

Carsonite keeps you, our customer, in mind.

NEW! Carsonite's surface-mounted Visi-Post has a 3.5" outside diameter for maximum, 360-degree visibility, and ample room for warning and identification decals. The post is supplied with Carsonite's new low-profile surface mount. The post will withstand low-speed vehicular impacts. A permanent, black cap that keeps dirt, moisture and insects out of the tube is also supplied.

The Visi-Post PP is a great choice for marking underground facilities on concrete or other paved surfaces, or for parking lots, crowd control, or other applications where highway-speed impacts are less likely. Constructed of tough thermoplastic elastomer, the Visi-Post PP is designed to withstand years of harsh outdoor exposure.

Specifications

	VAPORGUARD™	VISI-POST PP
Material	Polypropylene3.75" (99 mm)	Hi-Density Polypropylene
Width	3.0" O.D. (7.52 cm); 3.5" I.D (8.89 cm)	3.5" dia. (8.89 cm)
Lengths	5"	24", 36", 48"
	12.7 cm	61.0. 91.4. 121.9 cm
Weight		3.9 lbs. (1.77 kg) (72")
Colors	Yellow (02)	White (01), Yellow (02), Orange (04)
Product #	RMPLCMEXVLMC02	VSM30 _ _ _ _
	(Markers sold separately)	

VISI-POST

Ideal for Marking

Carsonite's Visi-Post has a 3.5"
outside diameter for maximum,
360-degree visibility and ample
room for warning and identification
decals. The post is supplied with
a factory-applied, metal anchor
barb to prevent rotation, as well as
a permanent cap that keeps dirt,
moisture and insects out of the
tube.

The Visi-Post is ideal for marking
underground facilities. Constructed of
tough thermoplastic elastomer, the post
is designed to withstand years of harsh
outdoor exposure. Also available as a test
station.

VISI-POST TEST STATIONS

Cathodic Test Station
360-degree visibility

The Visi-Post Test Station is an
economical solution with 360-
degree visibility and performance
that has long been proven in harsh
outdoor exposure. The Visi-Post
features two exterior terminal
access points and wire connections
for cathodic protection testing or
cable tracing. The post is vented to
reduce internal moisture, and it's
non-conductive. Light in weight,
it's also easy to handle and install.
Customize it with your warning
decals and your specific application.
Includes brass bolts, nuts and
washers.

Telecommunications Test Station
360-degree visibility

The Visi-Post Telecommunications Test
Station is an economical solution with
360-degree visibility and performance
that has long been proven in harsh
outdoor exposure. The Visi-Post features
two exterior terminal access points and
wire connections for cathodic protection
testing or cable tracing. The post is
vented to reduce internal moisture, and
it's non-conductive. Light in weight,
it's also easy to handle and install.
Customize it with your warning decals
and your specific application. Includes
brass bolts, nuts and washers.

Polypropylene	Polypropylene	Polypropylene
3.5" dia. (8.89 cm)	3.5" dia. (8.89 cm)	3.5" dia. (8.89 cm)
60" (1.254 m), 66" (1.676 m), 72" (1.829 m), 78" (1.981 m), 84", (2.134 m), 90" (2.28m), 96" (2.438 m)	66", 72", 78", 84" 1.676 , 1.829, 1.981, 2.134 m	66", 72", 78", 84" 1.676 , 1.829, 1.981, 2.134 m
0.7 lbs. (0.318 kg) per foot	0.7 lbs. per ft.	0.7 lbs. per ft.
White (01), Yellow (02), Orange (04)	White (01, Yellow (02), Orange (04)	White (01, Yellow (02), Orange (04)
CVP30 _ _ _ _	CVP3 _ _ _ _ CU	CVP3 _ _ _ _ TU

SIGNS

Stock and Custom Made

SIGN SUPPORT POSTS

Maximum Durability

Carsonite's high performance composite signs are made from 0.90" or 0.135" fiberglass reinforced composite material. All signs have rounded corners and we will drill them in standard or customer specified hole patterns.

Signs are available in reflective or non-reflective styles. Composite signs are available from 3" x 3" to 48" x 96". An extensive selection of standard signs is available for parks, recreation, utility, airport, parking, and highway applications.

These composite posts are ideal for mounting Carsonite composite signs. The system is capable of withstanding several highway-speed vehicle impacts, and will easily resist all environmental factors - cold weather, moisture, salt air, even diesel fumes and chemical-laden air. The posts are drilled at the factory for easy sign installation. When purchased with Carsonite signs (sold separately), vandal-resistant hardware is supplied.

Your corporate identity and logos can be placed on any Carsonite marking products, including special colors, blends, and graphic designs. Our state-of-the-art processes yield permanent, UV-resistant displays.

Specifications

	Material	Width	Lengths		Weight	Colors		Product #
SIGNS	Fiberglass composite	Customer specified	Customer specified		Varies by size	Customer specified		**Call customer service**
SIGN SUPPORT POSTS	Fiberglass Reinforced composite	3.8" (97 mm)	72: , 84", 96", 108"	1.829 m, 2.13 m, 2.438 m, 2.743 m	3.5 lbs (72"	**White (01), Brown (03)**		**CSS30 _ _ _ _ (Add U for drilling & hardware when ordered with signs; call for other special offers)**

LINEMARKER® SCEPTER™ TEST STATIONS

Telecommunications Test Station

The Telecommunications Bonding and Grounding Test Station includes six lugs on an eight-hole terminal board. Mounts easily on pipe or tubes from 2.375" to 3.5" O.D. Also available fully assembled with post. These test stations also work on Carsonite's Flat Top markers, listed on page 13.

The LineMarker is a 3.5" white post with a 3.8" enhancer for maximum visibility. It's supplied with a T-anchor for protection against removal by vandals, plus a Scepter Test Station cap.

Ideal for marking underground facilities and rights of way. The LineMarker is made from tough, impact resistant thermoplastic elastomer, and it has proved itself in the field for many years, resisting impacts and environmental conditions. It's available with UV-resistant direct graphics or decals.

Cathodic Test Station

The Cathodic Test Station includes five lugs on an eleven-hole terminal board with hardware unassembled. Mounts easily on pipe or tubes from 2.375" to 3.5" O.D. Also available fully assembled with post. These test stations also work on Carsonite's Flat Top markers, listed on page 13.

The Flat Top Marker is a 3.15" white post with a 3.5" enhancer for maximum visibility. It's supplied with a T-anchor for protection against removal by vandals, plus a Scepter Test Station cap.

Ideal for marking underground facilities and rights of way. The LineMarker is made from tough, impact resistant thermoplastic elastomer, and it has proved itself in the field for many years, resisting impacts and environmental conditions. It's available with UV-resistant direct graphics or decals.

Lexan*	Lexan*
3.5" I.D.	3.15" I.D.
5" L on 50" Marker	5" L on 50" Marker
6.03 cm on 1.27 m Marker	6.03 cm on 1.27 m Marker

Enhancer: White (01), Yellow (02), Red (05), Blue (06); Post: White (01), Yellow (02), Orange (03); Scepter Cap: White (01), Yellow (02), Orange (04), Blue (06)	Enhancer: White (01), Yellow (02), Red (05), Blue (06); Post: White (01), Yellow (02), Orange (03); Scepter Cap: White (01), Yellow (02), Orange (04), Blue (06)
LineMarker with Scepter Cap: CLMU30 _ _ 01 _ _ TU	**LineMarker with Scepter Cap: CLMU30 _ _ 01 _ _ CU**
Flat Top with Scepter Cap: FTLM30 _ _ 01 _ _ TU	**Flat Top with Scepter Cap: FTLM30 _ _ 01 _ _ CU**

*Lexan is a registered trademark of Dupont

Carsonite first combined easy-access terminals for cathodic protection testing with highly visible markers in 1986, and continues to offer innovative test stations for bonding and grounding, non-metallic pipeline tracing and cathodic

CARSONITE TEST STATION ACCESSORIES

Telecommunications Test Station

The Telecommunications Test Station is perfect for tracing non-metallic pipelines and identification of force mains and pressure valves. It provides highly visible marking and easily fits pipe or tube from 2.375" to 3.5" O.D.

Excellent with Carsonite's High Visibility Posts, available with warning decals. Includes six nickel-plated brass lugs on an eight-hole terminal board. Fits Carsonite Flat Top, LineMarker, and Domed LineMarker posts. Sold separately or with posts.

Cathodic Protection Test Station

The Cathodic Protection Test Station mounts easily on pipe or tubes from 2.375" to 3.5" O.D. It includes five nickel-plated brass lugs with fiber washers on an eleven-hole terminal board.

A buss bar is optional. Choose cap color. Sold separately or with posts.

Cathodic Protection Test Station (Small)

The Cathodic Protection Test Station mounts easily on pipe or tubes from 1.75" to 2.25" O.D. It includes two nickel-plated brass lugs with fiber washers on a three-hole terminal board. A buss bar is optional.

Choose cap color. Sold separately or with posts.

Specifications

	Telecommunications Test Station	Cathodic Protection Test Station	Cathodic Protection Test Station (Small)
Material	Lexan*	Lexan*	Lexan*
Width	3.5" I.D.	3.5" I.D.	2.2.5" I.D.
Lengths	6.87" L on 69" Marker	6.87" L on 69" Marker	5" L on 69" Marker
	8.89 cm on 1.745 m Marker	8.89 cm on 1.745 m Marker	12.7 cm on 1.745 m Marker
Weight			
Colors	White (01), Yellow (02), Orange (04), Red (05), Blue (08)	White (01), Yellow (02), Orange (04), Red (05), Blue (08)	Orange (04), Red (05)
Product #	LCTS10 _ _	LCTS15 _ _	SCTS10 _ _

FULLY ASSEMBLED SCEPTER™ TEST STATIONS

Cathodic Protection Test Station Assembly	Telecommunications Test Station Assembly	Utility Test Station Assembly	Small Diameter Utility Test Station Assembly

Carsonite's most innovative test station accessories are available fully assembled with Carsonite's round high-density thermoplastic posts. These products are ready to install on your site and come with nickel plated brass lugs, fiber washers and terminal boards appropriate to the application. Specify Test Station color. Designed for years of outdoor exposure. Buss bars are optional.

The Cathodic Protection Test Station includes five nickel-plated brass lugs with fiber washers on an eleven-hole terminal board. Fully assembled on white 3.5" O.D. post with flexible T-anchor. Test stations are also available separately.	The Telecommunications Bonding and Grounding Test Station is mounted on a white 3.5" O.D. post with flexible T-anchor. It includes six nickel-plated brass lugs with fiber washers on an eight-hole terminal board.	The Utility Test Station is fully assembled on a white 2.25" O.D. post with metal anchor barb. It includes two nickel-plated brass lugs with fiber washers on a three-hole terminal board.	The Small Diameter Utility Test Station is fully assembled on a 1.75" O.D. white post. It includes two nickel-plated brass lugs with fiber washers on a three-hole terminal board. Post accommodates two 2.375" or one 2.875" decals.

Test Station: Lexan*; Post: Thermoplastic	Test Station: Lexan*; Post: Thermoplastic	Test Station: Lexan*; Post: Thermoplastic	Test Station: Lexan*; Post: Thermoplastic
Post: 3.5" O.D.	Post: 3.5" O.D.	Post: 2.25" O.D.	Post: 1.75" I.D.
5" L + Marker: 60", 66", 72", 78", 84"	5" L + Marker: 60", 66", 72", 78", 84"	5" L + Marker: 60", 66", 72", 78", 84"	5" L + Marker: 60", 66", 72", 78", 84"
12.7 + 152.4, 167.6, 182.9, 198.1, 213.4 cm	12.7 + 152.4, 167.6, 182.9, 198.1, 213.4 cm	12.7 + 152.4, 167.6, 182.9, 198.1, 213.4 cm	12.7 + 152.4, 167.6, 182.9, 198.1, 213.4 cm
White (01), Yellow (02), Orange (04), Red (05), Blue (08)	White (01), Yellow (02), Orange (04), Red (05), Blue (08)	Yellow (02), Orange (04), Red (05), Blue (08)	Yellow (02), Orange (04), Red (05)
LCTS30 _ _ 01 _ _ CU	**LCTST30 _ _ 01 _ _ TU**	**SCTS20 _ _ 01 _ _**	**SCTS10 _ _ 01 _ _**

19

DECALS, LETTERS AND NUMBERS
Stock or Custom Made

Carsonite's graphics department manufactures decals to order using a highly specialized, state of the art process that results in a tough decal that stand up to harsh environments.

Our decals start with top quality viny or reflective pressure sensitive material. We then use outdoor quality, UV-resistant materials and pigments to print your message on the decal. The process is completed by embedding the graphics under a protective laminate called UV Shield®, which provides resistance to weather, graffiti, vandalism, and fading.

We use state-of-the-art equipment throughout the process to ensure a quality job that meets your specifications and imposes as few limitations as possible to your creativity. Your corporate, park, DOT, or other logos can be faithfully reproduced.

Carsonite offers complete production services to make your message clear, visible, and customized to your needs. Our processes yield unsurpassed weatherability, durability and UV resistance. We are the experts in visibility!

LETTERS AND NUMBERS
These ready-made alphabets and number sets meet the Federal Highway Administrations' specifications. Available in non-reflective black or reflective white, they come in 1" to 4" height. Letter/number kits are also available.

Specifications

Material	See description
Width	User determined or stock sizes
Lengths	User determined or stock sizes
Weight	
Colors	User determined or stock colors. Any color can be matched.
Product #	**Please call customer service. Minimum order quantities may apply.**

REFLECTIVE SHEETING

Enhance visibility

Many Carsonite products feature recessed areas specifically designed for sheeting applications. These recessed surfaces protect the sheeting from damage during impacts. The sheeting products are sold separately. Application of the sheeting to all products is available, prior to shipment from the factory, at no additional charge.

Carsonite offers grades and colors of sheeting to suit your application.:

ENGINEER GRADE
For use where maximum brightness is not required, such as rural areas and parking lots. Candlepower ratings: White, 70; Yellow, 50; Orange, 25.

HI-INTENSITY
For use where maximum brightness is required, such as urban areas, construction zones, warning signs and roadside delineation. Candlepower ratings: White, 250; Yellow, 170; Orange, 100.
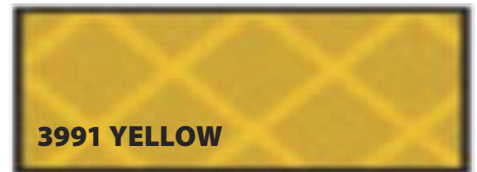
DIAMOND GRADE
For use where maximum brightness is required, like urban areas, construction zones, warning signs, and roadside delineation. This sheeting features higher candlepower than Reflexite and exhibits higher angularity. Not recommended for application to any curved surface. Candlepower ratings: White, 800; Yellow, 660.

Use Engineer, Hi-Intensity, or Diamond sheeting on composite type products such as: Roadmarker, Curv-Flex, Milepost, Boundary, Guardrail, and Hazard markers, as well as Modular Guidance Systems. Use Flexible Hi-Intensity Sheeting with thermoplastic type products like Survivor, Super Duck, Super Duck II, Island Sentry, and Visibility Enhancer. Flexible sheeting is also advised for our composite Snowpoles.

Prismatic sheeting will be available soon. Call Customer Service for details.
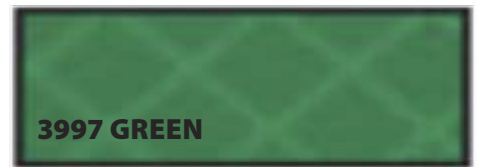
3990 WHITE

3991 YELLOW

3995 BLUE

3997 GREEN

3954 FLUORESCENT ORANGE

3992 RED

Engineer Grade	Hi-Intensity	Diamond Grade
See description	See description	See description
3", 1" (7.62, 2.54 cm)	3", 1" (7.62, 2.54 cm)	3", 1" (7.62, 2.54 cm)
User determined (inches)	User determined (inches)	User determined (inches)
(use first 2 spaces in product number)	(use first 2 spaces in product number)	(use first 2 spaces in product number)
White (01), Yellow (02), Red (05), Black (06), Green (07), Blue (08)	White (01), Yellow (02), Orange (04), Red (05), Green (07), Blue (08)	White (01), Yellow (02), Fluorescent Green/Yellow (31)
3": RSE30 _ _ _ _	3": RSH30 _ _ _ _	3": RSD30 _ _ _ _
1": RSE10 _ _ _ _	1": RSH10 _ _ _ _	1": RSD10 _ _ _ _

Carsonite makes it easy. Our tools are designed to make short work of any job.

MARKING FLAGS
High visibility and excellent durability for safety

Carsonite offers a full line of highly visible, safe, and durable flags for temporary marking of utility lines at construction sites and work zones. Our full line of flags makes identification quick and easy. Made from weatherproof and fade resistant material, the Temporary Marking Flags are available in wire, plastic, or fiberglass staffs, and in a wide variety of colors. Your custom message, company name, and logo can be imprinted, or choose from standard warning messages.

ANCHOR BARB KIT
Protection from theft

Designed for problem soil conditions, the Anchor Barb Kit has been developed for permanent anchoring of Carsonite markers in loose, sandy, or marshy soils. The flexible anchor barb collapses during installation, and expands upon attempted removal.

The Anchor Barbs give your posts a sure grip into the surrounding soil, preventing extraction, either accidental or vandal-related. These anchors can be factory installed when you order posts.

Also sold in kits of 10 anchors with rivets for field application.

Available with composite (pictured below) or metal anchor.

Specifications

Material	Flag: Polyethylene with UV stabilizers	Composite or Metal
	Staff: Fiberglass, plastic, wire	Width to fit post (specify post)
Lengths	Flags: 4"x5", 2.5"x3.5" (102x127 mm, 64x89 mm); Staff with	
	4"x5" flag: Fiberglass. 18"; Plastic 18", 24"; Wire 21", 30", 36";	
Weight	Staff with 2.5"x3.5" flag: Wire 15", 21", 30", 36"	Varies with application
Colors	White , Red, Yellow, Orange, Blue, Green, Brown,	
	Silver, Purple	
Product #	**Fiberglass: CTFB _ _ _F _ ; Plastic: CTFB _ _ _P _ _**	**Composite: CFAK00301 (Kit); CFA400301U (installed)**
	Wire with 4"x5" flag: CTFB _ _ _W _ _	**Metal: ANCBARPK (Kit); ANCBARU (installed)**
	Wire with 2.5"x3.5" flag: CTFBS _ _ _W _ _	

INSTALLATION TOOLS

For all soils and applications

For Carsonite Utility Marker, Curv-Flex®, Dual Sided Marker, Sign Support post:
- Post Driver (for posts 5' to 6') **RMTLPDR1**
- Guide Tube **PGT1** (for Curv-Flex® markers)
- Long Post Driver (for posts over 6')
   RMTLPDL1
- 24" Short Post Driver (for posts 3' to 4.5')
   RMTLD400S
- 12" Short Post Driver (for posts under 3')
   RMTLD400SS
- Pilot Hole Driver (for hardpan or rocky soils)
   RMTLDP100
- Post Puller **RMTLCPP**

For GreenLine Single Curve, General Purpose Markers:
- Post Driver **PDR1 (up to 6' – over 6': PDL1)**
- Guide Tube **PGT1**
- Pilot Hole Punch **DP18**
- Pilot Hole Driver (for hardpan or rocky soils)
   DP100
- Post Puller **CPP**
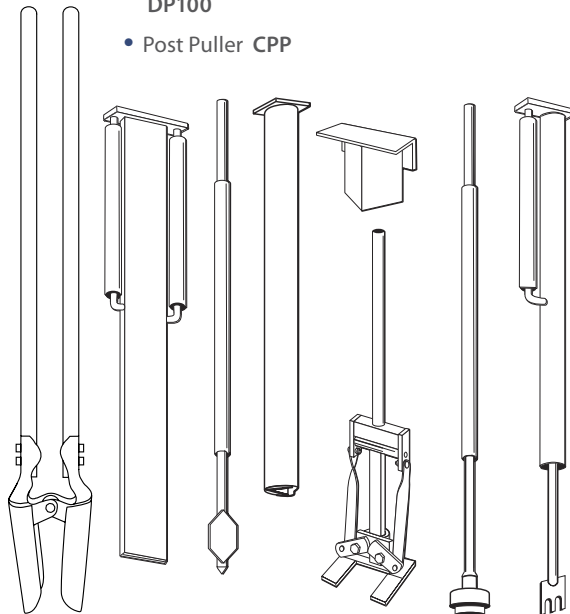
For Utility ID Post (CBM):
- Post Driver (for posts 5' to 6') **RMTLD250**
- Feather Weight Driving Cap **RMTLDFW250**
- Pilot Hole Punch **RMTLDP18**
- Pilot Hole Driver (for hardpan, rocky soils)
   RMTLDP100
- Post Puller **RMTLCPP**

For Snowpole:
- Post Driver **RMTLDP1000**

For Survivor®, GreenLine™ U-Channel Post:
- Installation adapter cap (for power drivers)
   RMTLDPSD001000
- Installation adapter shaft (1⅛")
   RMTLDSD001500
- Installation adapter shaft (⅞")
   RMTLDSD001400
- Manual installation tool **RMTLDSD300**

MISCELLANEOUS TOOLS
- Rivet Gun **RMTLSRIVT**
- Rivets and Spacers Kit for Signs (pack of 8)
   SRIVPK8
- Rivets and Washers Kit for Visibility Enhancers
   (pack of 10) **CVERIVPK**

For further information on choosing the right Carsonite tools that are appropriate to the products you use, please contact Customer Service.

23

CARSONITE OPTIPED® SPLICE VAULT

Durable and versatile.
The ultimate protection for fiber optic splices.

Carsonite's Optiped® below-ground splice vault provides the ultimate protection for fiber optic splices. The Optiped base can easily store more than 120 feet of cable, and is available with 2-inch or 4-inch cable ports.

The Optiped's patented design makes installation and splice maintenance a snap. Completely install the vault prior to installation of the splice case, to eliminate the need to leave an open pit. The Optiped exceeds AASHTO H_2O loading requirements, so it's ideal for roadside installation.

The Optiped is available with a slotted base that allows relocation of the cable splice without disruption of service. Made of fiberglass reinforced composite, the Optiped Splice Vault will never corrode, decay, or crumble. Its lid is supplied with security screws to prevent tampering, as well as universal brackets for hanging the splice case.

The three-section barrels comprise three 9-inch sections. Additional sections may be added for a custom burial depth, or order a convenient single-section 30-inch barrel.

Large Barrel Option

For use with today's large splice cases, the Optiped's optional 13-inch barrel modifies the vault to accept splice cases up to 12.5 inches outside diameter and up to 30 inches in length. This one-section (30-inch) fiberglass composite barrel features superior material strength, yet is light in weight, convenient, and easy to install.

Barrel Dia	Barrel	Catalog #
10"	2"-Port, 3-Section	38-00520
10"	2"-Port, 3-Section w/Slotted Base	38-00521
10"	4"-Port, 3-Section	38-00524
10"	4"-Port, 3-Section w/Slotted Base	38-00525
10.25"	2"-Port, 1-Section	38-00522
10.25"	2"-Port, 1-Section w/Slotted Base	38-00523
10.25"	(4) 2"-Port, 1-Section	38-00524-1
10.25"	(4) 2"-Port, 1-Section w/Slotted Base	38-00525-1
10"	(2) 4"-Port, 3-Section	38-00526
10"	(2) 4"-Port, 3-Section w/Slotted Base	38-00527
10.25"	(2) 4"-Port, 1-Section	38-00526-1
10.25"	(2) 4"-Port, 1-Section w/Slotted Base	38-00527 -1
13"	(2) 2"-Port, 1-Section	38-00522-13
13"	(4) 2"-Port, 1-Section	38-00524-13
13"	(2) 4"-Port, 1-Section	38-00526-13

Please allow 4 to 6 weeks lead time

CARSONITE®
COMPOSITES

HOW TO ORDER

Each product has a product number, comprising a style, length and color code. Generally, products use the 4-3-2 principal. The system is:

CHP3 _ _ _ _ _

To specify a product, use the stem from the catalog and fill in the color, length, or other specifiers. Some product codes have additional numbers or letters at the end of the standard 9-digit code. For example, **CSS _ _ _ _ _ U**. Simply fill in the blanks for the length and/or color and keep the characters that follow, if any.

A few products, such as installation tools, have a product number, and no additional information. For example, Post Driver **PDR1**.

Sample product code

Let's say you want 280 units of our new 5.5' orange High-Performance Utility Markers with 3" x 12" orange high-intensity sheeting.

1. Take the product number stem and add the length you want, in inches. (**CHP3066 _ _**)
2. Select a color and fill in its two-digit number. For orange, the color code is 04. So, the product code for the marker is **CHP306604**.

Now the sheeting.
3. For Carsonite's 3" wide high-intensity sheeting, the product code is **RSH30 _ _ _ _**.
4. The sheeting length is specified by the first two digits after the product code (see page 15), **12** in this case. The orange color is **04**.

Done! When calling in your order, tell the Customer Service Representative you want 280 **CHP306604** with **RSH301204** applied.

If you have any questions about specifying Carsonite product numbers, call Customer Service at 1-800-648-7916. We will be happy to assist you.

- Driveable, Flexible Markers
- Surface-mounted Markers
- GreenLine® Recycled Markers
- Test Stations and Accessories
- Installation and Removal Tools
- Temporary Marking Flags
- Parking Blocks
- Stock and Custom Signs and Decals
- Visibility Enhancers
- Cable Vaults

Coming soon:
- Prismatic Sheeting
- Composite Breakaway Poles

CARSONITE®
COMPOSITES

Carsonite Composites is a Philips group brand

605 Bob Gifford Boulevard

Early Branch, South Carolina 29916

800-648-7916 · f/803-943-3375 · www.carsonite.com