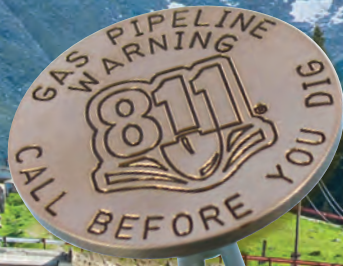


UTILITY MARKING PRODUCTS

BERNTSEN® | THE SOURCE FOR YOUR UTILITY PRODUCT NEEDS

- DAMAGE PREVENTION MARKERS
- UTILITY IDENTIFICATION PRODUCTS
- RFID ASSET MARKING PRODUCTS



Berntsen®



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www.berntsen.com



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utilitymark@berntsen.com



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877.265.2306

MARKING THE INFRASTRUCTURE OF THE WORLD™ | WWW.BERNTSEN.COM

CUSTOMIZABLE, DURABLE, LOW IMPACT Utility Identification



BERNTSEN CONCRETE UTILITY WARNING MARKERS - A PERFECT DEFENSE AGAINST DAMAGE TO BURIED UTILITIES.

Metal utility markers give locators a low impact alternative for long-term asset marking. Constructed of extremely durable aluminum and bronze, these markers can remain in place for years even in the most punishing environments. Ranging in size from two to four inches, they occupy just a fraction of the space taken up by spray lines and stamps.

In addition to durability and smaller size, metal utility markers can be customized to display information about a particular asset including a wide array of directional arrows giving excavators even more certainty for precise digging.

COLD FORGED 6000 SERIES ALUMINUM

Item#	Description	1-24	25-99	100-249	250+
CD2	2" Domed Concrete Marker (Aluminum)	7.15	5.95	4.65	3.95
C25D	2½" Domed Concrete Marker (Aluminum)	13.95	12.55	11.80	11.05
C35D	3½" Domed Concrete Marker (Aluminum)	13.25	12.95	12.55	12.00
C35F	3½" Flat Concrete Marker (Aluminum)	20.20	17.85	16.15	15.25
C4D	4" Domed Concrete Marker (Aluminum)	16.85	15.25	13.15	12.35

ORBITAL FORGED SILICON BRONZE (LEAD FREE)

Item#	Description	1-10	11-24	25-99	100+
CD2B	2" Domed Concrete Marker (Bronze)	15.15	13.70	11.60	10.60
C25DB	2½" Domed Concrete Marker (Bronze)	34.55	31.10	29.05	27.65
C35DB	3½" Domed Concrete Marker (Bronze)	46.55	42.20	38.00	35.50
C35FB	3½" Flat Concrete Marker (Bronze)	52.80	46.75	42.50	39.60
C4DB	4" Domed Concrete Marker (Bronze)	55.85	53.05	47.80	43.70

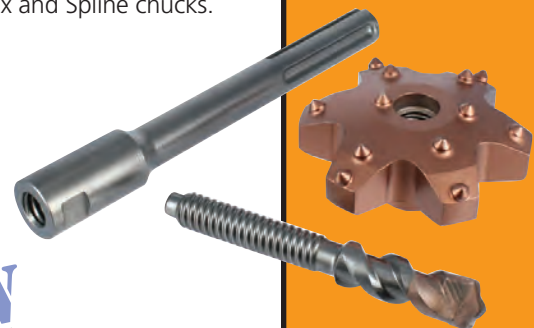
No charge for stamping 11+ markers. Visit www.berntsen.com for stamping layout. Price list based on standard lettering & centermarks only. Please call for quotation on markers with custom logos.

COUNTERSINK DRILL BITS

Set perfectly recessed concrete markers in minutes. Countersink drill bits are available in all four sizes of Berntsen Concrete Markers and for SDS-Plus, SDS-Max and Spline chucks.

Item #	Description	Price
CD2DRL	2" Countersink Drill Bit (3-piece)	295.00
C25DRL	2½" Countersink Drill Bit (3-piece)	325.00
C35DRL	3½" Countersink Drill Bit (3-piece)	399.00
C4DRL	4" Countersink Drill Bit (3-piece)	425.00

These drill bits countersink top of marker only (not the stem). We suggest a 1" drill bit to create the stem hole.



SPECIALTY

Utility Markers

BP SERIES MARKER AND DRILL BIT – OUR FASTEST-INSTALLING CONCRETE MARKER

Berntsen BP series copper markers install faster than any other concrete marker we offer. Just drill a hole using our countersink drill bit (sold separately), insert the plastic expansion plug and tap in the marker. The BP is secure without epoxy or grout and will be flush with the concrete surface. BP Markers have a 1.17" diameter face and can be customized with up to 14 characters.

Item#	Description	25-99	100-249	250-499	500+
BP2	BP Concrete Marker w/ Anchor Plug	3.40	3.20	2.90	2.70
BPMDRL	SDS-Plus Countersink Drill Bit	125.65	Each		
HA1020	Adapter, Spline to SDS-Plus Chuck	95.00	Each		

No charge for stamping 25+ markers. Visit www.berntsen.com for stamping layout.

UTILITY WASHERS AND NAILS

Our brass, aluminum and stainless steel washers can be custom stamped for a fast and inexpensive solution to marking utilities in asphalt. The center hole is sized for MagNails.

Item#	Description	25-99	100-249	250-499	500+
AT1	1½" Aluminum Utility Washer	1.40	1.10	0.95	0.75
SST1	1½" Stainless Steel Utility Washer	1.45	1.15	1.00	0.95
BT1	1½" Brass Utility Washer	2.30	2.15	1.85	1.70
BT2	2" Brass Utility Washer	3.00	2.65	2.50	2.00
MAGNAIL15	1½" Magnetized Asphalt Nail	16.50	Per Box of 100		
MAGNAIL2	2" Magnetized Asphalt Nail	20.60	Per Box of 100		
MAGNAIL25	2½" Magnetized Asphalt Nail	23.70	Per Box of 100		

No charge for stamping 100+ washers. Visit www.berntsen.com for stamping layout.

DRYLOK® - EASY-TO-USE CEMENT, JUST ADD WATER!

DRYLOK Fast Plug is simple to use – just add clean, room temperature water to this hydraulic cement. DRYLOK will set up in just minutes, depending on conditions.

Item#	Description	Price
FAST PLUG	DRYLOK Fast Plug (4 lb. Can)	12.95
FAST PLUG10	DRYLOK Fast Plug (10 lb. Can)	29.95



METAL UTILITY MARKERS

OVER 100 UTILITY MARKING DESIGNS AVAILABLE ONLINE AT WWW.BERNTSEN.COM



DAMAGE PREVENTION & LOCATING CURB MARKERS

Permanently mark your underground utilities and storm drains where conventional signage cannot be used. Curb Markers are available in bright APWA colors for a uniform, professional look. Aid location, alert potential excavators and protect your utilities.

811 CURB MARKERS

The Federal Communications Commission has approved the use of 811 as a national Call-Before-You-Dig telephone number. This three digit number will connect anyone intending to dig with their respective one-call center.

DAMAGE PREVENTION & LOCATING CURB MARKERS

Item #	Description	50-499	500-999	1000+
DAS-NR2.5	2½" Curb Marker Non-Reflective	2.65	2.35	2.15
DAS-R2.5	2½" Curb Marker Reflective	4.00	2.90	2.50

STORM DRAIN MARKERS

Item #	Description	10-24	25-49	50-249	250+
DAS-SDMC	4" Circle Storm Drain Marker	9.25	5.95	4.40	3.65
DAS-SDMR	3" x 5¼" Storm Drain Marker	9.25	5.95	4.40	3.65

CURB MARKER ADHESIVE

Item #	Description	1-11	12+
RS-2225	Marker Adhesive 5 oz. Tube (Approx. 30 Markers)	8.25	7.75
RS-22211	Marker Adhesive 11 oz. Tube (Approx. 60 Markers)	13.90	12.90

CUSTOM UTILITY CURB MARKERS

Custom Markers can be manufactured in just about any size, shape, color or text message. Include your company/utility name, phone number or logo. For your custom quote please email the size, shape, logo, number of colors and quantities to utilitymark@berntsen.com



PLASTIC UTILITY MARKERS

PLASTIC Utility Markers



SOIL MARKERS – PERMANENT MARKERS TO PREVENT DAMAGE TO UNDERGROUND UTILITIES

Soil Markers are a brightly colored, highly visible, low profile warning sign that can go where posts can't, eliminating homeowners' complaints of marker posts on their property. These rugged yet flexible discs can be walked on and mowed over. Soil Markers quickly locate buried drops, stub ends, valves, manholes and test stations. Available in all APWA colors.

Item #	Description	25-99	100-249	250+
SM400U	4" Soil Marker w/ 8" Barbed Stake	6.90	5.85	5.30
SM700U	7" Soil Marker w/ 13" Barbed Stake	14.85	9.55	8.45

Custom text and logo designs available. Please call for price and availability.

A-TAG PAVEMENT MARKERS

A-TAG markers are embedded into concrete or asphalt with the warning message molded right into the tag to encourage 'call before digging' in the area. These brightly APWA color-coded, UV-stable polypropylene markers are slightly recessed so even snowplows will not destroy them.

Item #	Description	50-99*	100-499*	500+*
ATAGNCT-S	Pavement Marker for New Construction	2.05	1.85	1.60
ATAGGRFT-S	Pavement Marker for Retrofit	2.05	1.85	1.60

*Pricing for standard legends – Visit www.berntsen.com for custom legend pricing

ATAG DRILLBIT	Retrofit Drill Bit (SDS-Plus)	291.75 each
ATAG ADHESIVE	Retrofit Tag Adhesive (20 gram bottle)	23.05 each

DEEP-1 UNDERGROUND MAGNETIC UTILITY MARKERS

A low cost way to preserve underground utility locations. They're easy to install – just bury them vertically above any underground pipeline. Available in all APWA utility colors. Markers packed 300/case.

Item #	Description	1-299	300+
DEEP1UY	DEEP1 Yellow (Gas)	2.15	1.75
DEEP1FO	DEEP1 Orange (Telecom)	2.15	1.75
DEEP1UR	DEEP1 Red (Electric)	2.15	1.75
DEEP1UG	DEEP1 Green (Sewer)	2.15	1.75
DEEP1UB	DEEP1 Blue (Water)	2.15	1.75



PLASTIC UTILITY MARKERS

CARSONITE® FIBERGLASS POSTS

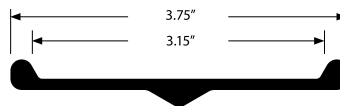
For High Visibility & Easy Identification of Subsurface Utilities

Setting a Carsonite Fiberglass Marker is a fast, inexpensive way to mark and protect your subsurface utilities saving your company time and money. Carsonite posts are made of a special fiberglass composite that will not rot or get brittle in harsh weather. Posts are lightweight, easy to carry and come with pre-applied standard or custom decals. We recommend installing posts with the Carsonite driver to a buried depth of at least 18".

CARSONITE ROADMARKER POSTS

The three-rib design provides both flexibility and structural integrity. Two ribs on the side protect decals from impacts while the back rib gives added strength for driving into hard soil.

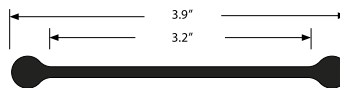
Item #	Description	<20	20-80*	100-280*	300+*
CRM3060	5' RoadMarker Fiberglass Post (No Decal)	20.20	16.80	15.20	13.60
CRM3072	6' RoadMarker Fiberglass Post (No Decal)	23.30	18.65	17.75	17.10



CARSONITE DUAL-SIDED UTILITY POSTS

This durable yet flexible fiberglass composite post accepts decals on both sides. The raised, reinforced ribs along each side help prevent scratching or removal of decals if impacted.

Item #	Description	<20	20-80*	100-280*	300+*
CIB3060	5' Dual Sided Fiberglass Post (No Decal)	17.60	14.65	14.00	13.60
CIB3072	6' Dual Sided Fiberglass Post (No Decal)	21.85	18.05	17.00	15.85



CARSONITE TUFF-FLEX MARKER

This fiberglass composite marker offers all the benefits of the dual-sided marker with additional rigidity. With its thickened center rib, it remains drivable in virtually any soil condition.

Item #	Description	<20	20-80*	100-280*	300+*
CTFM060	5' Fiberglass Post (No Decal)	18.70	15.30	14.00	13.25
CTFM072	6' Fiberglass Post (No Decal)	24.40	20.00	18.25	17.50

*20 Posts per case. Available in Yellow, Orange, Green, Red, Blue & White



CARSONITE CURV-FLEX UTILITY POST

Our most flexible fiberglass composite marker. The Curv-Flex is recommended for areas where vehicle impacts are likely as its curve and flange profile can withstand direct tire impacts.

Item #	Description	<24	25-99**	100-299**	300+**
CFR4060	5' Fiberglass Post (No Decal)	19.35	17.70	16.35	15.15
CFR4072	6' Fiberglass Post (No Decal)	21.95	20.15	18.65	17.25

**25 Posts per case. Available in Yellow, Orange, Red, Blue Green & White



CARSONITE ACCESSORIES

Item #	Description	Each
RMTLPDR1	Carsonite Utility Post Driver	204.95
DECAL	Vinyl Decal Non-reflective (hundreds to choose from online)	3.60
DECAL-R	Vinyl Decal Reflective (hundreds to choose from online)	4.90



LIGHTWEIGHT AND REASONABLY PRICED THIN-LINE POSTS



THIN-LINE POST — LIGHTWEIGHT AND INEXPENSIVE, WON'T ROT OR GET BRITTLE

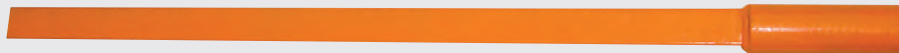
Berntsen's Thin-Line Post, made of reinforced fiberglass, is lightweight, inexpensive, and will not rot or get brittle when exposed to extreme weather.

Item #	Description	<25	25-75*	100-275*	300+*
TLP5	5' Fiberglass Post (No Decal)	11.05	9.65	8.85	8.25
TLP6	6' Fiberglass Post (No Decal)	12.10	10.50	9.70	8.85

*25 Posts per case. Available in yellow, orange, red, blue, green & white.

TLPDRV	Thin-Line Post Driver	102.90	Each
TLPDECAL	Two-Color Decal Non-Reflective (Attached)	3.10	Each

Thin-Line post driver



CARSONITE LINE MARKER WITH VISIBILITY ENHANCER AND T-ANCHOR

Ideal for marking underground utilities and right-of-ways, the Carsonite Line Marker has a 3.5" diameter post with a 3.75" diameter enhancer for maximum visibility. White post is standard (other colors are available upon request) and is supplied with a T-anchor at bottom of the post for protection against removal.

The visibility enhancer is 24" in length and can hold up to two decal sheets or reflective sheeting (not included). The Line Marker post is made from tough, impact resistant high density polypropylene while the high visibility enhancer is polyethylene.

Item #	Description	15-99**	100-299**	300+**
CLM072	6' Utility Line Marker (No Decal)	28.10	23.75	22.25
CLM084	7' Utility Line Marker (No Decal)	32.50	27.55	25.40
CLM096	8' Utility Line Marker (No Decal)	37.10	31.45	29.20

**15 posts per box. Available in yellow, red, orange and blue.

DECAL	Vinyl Decal Non-Reflective (Attached)	3.60	Each
DECAL-R	Vinyl Decal Reflective (Attached)	4.90	Each



UTILITY POSTS & DECALS

CONNECTING UTILITY ASSET INFORMATION TO THE GIS WORLD IS EASY WITH BERNTSEN SMART MARKERS

Smart Markers – The Internet of Things is here and Berntsen is making it possible with RFID-enabled markers and posts. Berntsen's RFID-enabled markers combine the best of traditional physical markers with the connectivity needed to collect & communicate information.



RFID-enabled utility markers can expedite the identification & location of underground utilities, provide asset information at the point of placement, enable an audit trail for verification and maintenance, and link field data collection with your GIS.

Our RFID-enabled markers have the same quality and reliability that you have come to expect from Berntsen. The above-ground markers provide easy visibility and the patented below-ground markers are perfect for marking underground utility assets or boundary corners.

Berntsen "smart" RFID-enabled markers can be purchased separately or combined with an RFID reader and the InfraMarker mobile app to provide a complete smart marking system.

To find out how Berntsen "smart" marking products and packages can work for you, call us at 877-686-8550 or visit our website at www.inframarker.com.





INFRAMARKER[®] SYSTEM

SMART MARKING YOUR INFRASTRUCTURE

BERNTSEN INFRAMARKER[®] SYSTEM BENEFITS

- Enables activity logging for audit tracking and maintenance activities
- Supports above and below ground infrastructure tracking
- Link images, videos, documents, and web sites
- Fast location and verification of field assets
- Real-time, remote field access
- Simple integration into GIS
- Easy and lightweight



BERNTSEN INFRAMARKER[®] SYSTEM APPLICATIONS

New technology can be daunting. That is why we have packaged RFID-enabled tags, readers and software into one easy to use system for mapping, tracing, and auditing underground utility assets. Our InfraMarker system can be used to:

- Fulfill PHMSA requirements to ensure gas pipeline records are traceable, verifiable, and complete
- Expedite the identification and relocation of:
 - Natural gas, oil & water pipeline fittings, valves, weld & fusion points, and repairs
 - Sewer, water, gas, fiber & electric service connections
 - Pipe crossings & termination points
- Map wellhead locations and record valuable attribute data
- Manage water valve inspection & exercising programs



*Berntsen is an Esri Partner.



INFRAMARKER SYSTEM

SCHONSTEDT

INSTRUMENT COMPANY



MAGNETIC LOCATORS

VISIT WWW.BERNTSEN.COM
FOR OUR FULL-LINE OF
SCHONSTEDT UTILITY LOCATORS



SCHONSTEDT® GA-52CX

The one piece of equipment you'll never have to worry about—it just works! This is the original 'yellow stick' that contractors have relied on for decades. Simple controls, sturdy construction, and a seven-year warranty make this locator a must for any survey shop. The Cx model updates the classic GA-52 with improved sensitivity so you'll find ferrous monuments even when they're deep, damaged, or nearly rusted away. Hard shell plastic case included.

Item # Price
GA52Cx Berntsen Value Price **687.99** Suggested List Price 915.00



SCHONSTEDT® GA-72CD

Get more information from the digital graph. The GA-72Cd uses the same circuitry as the GA-52Cx, and adds a digital graph that shows signal strength and polarity, and more control options. You can determine the orientation of underground objects, and use the visual guides to pinpoint the location. Headset available, but not needed in most conditions. Comes with five-year warranty and hard shell plastic carrying case.

Item # Price
GA72Cd Berntsen Value Price **817.99** Suggested List Price 1040.00



DEEP-1 UNDERGROUND MAGNETIC UTILITY MARKERS

A low cost way to preserve underground utility locations. They're easy to install – just bury them vertically above any underground pipeline. Available in all APWA utility colors. Markers packed 300/case.

Item #	Description	1-299	300+
DEEP1UY	DEEP1 Yellow (Gas)	2.15	1.75
DEEP1FO	DEEP1 Orange (Telecom)	2.15	1.75
DEEP1UR	DEEP1 Red (Electric)	2.15	1.75
DEEP1UG	DEEP1 Green (Sewer)	2.15	1.75
DEEP1UB	DEEP1 Blue (Water)	2.15	1.75



TRADE-IN SPECIAL

Save up to \$300
on a new Schonstedt
Contact Berntsen
for details!



SCHONSTEDT LOCATORS

UTILITY FLAGGING

UTILITY MARKING FLAGS

Presco high-quality marking flags are ideal for above ground marking for utility construction and line locating. These flags ensure consistent communication and long-lasting visibility to your project. 1000 flags per box. Available in all APWA colors.

Item #	Description	Price
MFLAG221	2½" X 3½" on 21" Wire Staff	69.00/box
MFLAG230	2½" X 3½" on 30" Wire Staff	84.00/box
MFLAG421	4" X 5" on 21" Wire Staff	76.00/box
MFLAG430	4" X 5" on 30" Wire Staff	89.00/box

PRINTED FLAGS – Over 50+ designs to choose from

Item #	Description	Price
MFLAG221SL	2½" X 3½" on 21" Wire Staff	91.65/box
MFLAG230SL	2½" X 3½" on 30" Wire Staff	108.15/box
MFLAG421SL	4" X 5" on 21" Wire Staff	98.90/box
MFLAG430SL	4" X 5" on 30" Wire Staff	116.40/box
MFTOOL	Marking Flag Insertion Tool	106.00 each

(For custom artwork add \$30.00 setup charge)

UTILITY ROLL FLAGGING

Colorful and highly visible, Presco solid color roll flagging is the most durable, long lasting outdoor flagging available. Min. order: 12 rolls (1 box)

Item #	Description	Price
RF150	Solid Glo Color Roll Flagging 150 ft/roll	1.65/roll
RF300	Solid Color Roll Flagging 300 ft/roll	1.45/roll

Available in Glo or Standard colors: Yellow, Orange, Red, Blue, Green, Pink & White

UTILITY MARKING WHISKERS

Presco 6" Marking Whiskers are an alternative marking choice for underground utility locating. Virtually indestructible, these APWA color-coded Marking Whiskers spring back up when run over by lawn mowers, graders and heavy equipment. They are easily and conveniently attached to wood stakes or to 60-penny nails (not included). Use them alone or in conjunction with other marking products.

Item #	Description	Price
MK WHISKERS	6" Marking Whiskers (1000 per box)	128.90/box

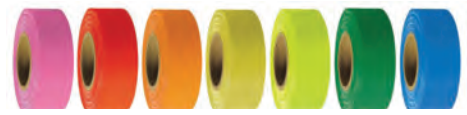
Available in Glo Orange, Glo Pink, Yellow, Red, Orange, Green & Blue

DETECTABLE AND NON-DETECTABLE WARNING TAPE

Mark all of your underground utilities with Presco underground warning tape.

The non-detectable tape acts as a highly-visible proximity device that will resist the elements and not turn black over time. The detectable tape is used for accurately locating and preventing damage to valuable underground utility installations. It has an aluminum backing to make underground assets easy to find using a non-ferrous locator.

Item #	Description	Price
UWTND3X300	Non-Detectable Underground Warning Tape 3" x 300' Roll (16 rolls per case)	94.75
UWTD3X1000	Detectable Underground Warning Tape 3" x 1000' Rolls (8 rolls per case)	400.00



DISCOVER | ONLINE THE ADVANTAGES OF | ORDERING



ONLINE CUSTOMIZATION

Create and preview your custom utility markers and posts before you order. We even keep your previous layouts for easy re-ordering.

REAL-TIME SHIPPING CHARGES

Choose your method of UPS shipping (ground, next day air, etc.) and we'll calculate your shipping charges as you add to your order.

DELIVERY TRACKING

Tracking number and delivery confirmation sent via email for all orders shipping out of our Madison office.

ONLINE ORDER HISTORY

View order status on all recent orders in one simple interface as well as view a complete order history.

Berntsen®



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