



**“WOMAN OWNED BUSINESS”
CERTIFIED DBE**

**PAVEMENT MARKING
MATERIALS & EQUIPMENT**

WWW.TRANSAFEPRODUCTS.COM

**LAWRENCEVILLE, GA
770.962.2222 / 800.969.5103**

IT IS HARD TO BELIEVE THAT TRANSAFE HAS BEEN IN BUSINESS SINCE 1986! WE HAVE SEEN A LOT OF GROWTH IN OUR INDUSTRY THE PAST FEW YEARS. WE ARE PROUD TO SAY THAT WE CONTINUE WITH OUR SAME PHILOSOPHY AS WE ALWAYS HAVE: PROVIDE QUALITY PRODUCTS AND EXCELLENT CUSTOMER SERVICE.

WE WILL CONTINUE TO SELL THE SAME PRODUCTS YOU ARE FAMILAR WITH BUT WE WILL ALSO CONTINUE TO LOOK FOR INNOVATIVE PRODUCTS THAT WILL ASSIST YOU IN MAKING YOUR JOB EASIER AND SAFER!

WE CONTINUE TO OFFER SAME DAY SHIPPING ON ALL OF OUR IN STOCK ITEMS FOR ORDERS PLACED BEFORE NOON. WE SHIP TO YOU VIA EITHER UPS OR COMMON CARRIER. MOST SHIPMENTS ARE NEXT DAY DELIVERY IF YOU ARE CLOSE TO GEORGIA. WE PRIDE OURSELVES ON OUR SIGN SHOP AND OUR ABILITY TO PRODUCE YOUR "CUSTOM" SIGNS IN FAST AS LIGHTENING SPEED. WE ARE ALSO A GEORGIA DOT STAMPED APPROVED SIGN SHOP.

TO OUR LOYAL CUSTOMERS WE WANT TO THANK YOU FOR YOUR CONTINUED BUSINESS AND FOR THOSE OF YOU THAT ARE NEW TO THE TRANSAFE FAMILY, WE WELCOME YOU!

**CERTIFIED DBE
(WOMAN OWNED BUSINESS)**



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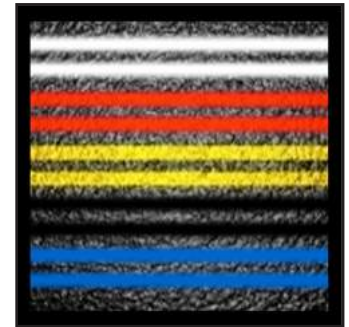
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TRAFFIC PAINT

Highway delineation & Safety Products are our business - Traffic Paint is our specialty! We provide quality traffic paints to state and local governments, highway contractors, parking lot stripers, property management companies & other professional stripers. All paints listed can be applied with or without reflective glass beads. Most paint can ship same day! Pallets contain 120 gallons. Please call us for quantity discounts. Oil base and chlorinated rubber available in pallet quantities.



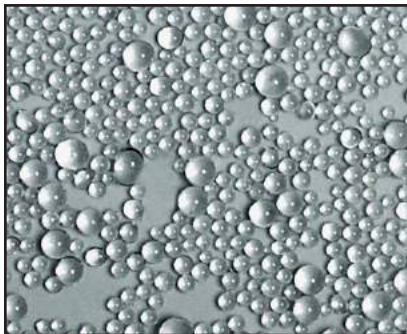
Item Number	Description
PNT52WBB1	White Fast Dry Waterbase TTP-1952E (5 gallon pail)
PNT52WBB1-GA	White GA SPEC Fast Dry Waterbase (5 gallon pail)
PNT52WBB2	Yellow Fast Dry Waterbase TTP-1952E (5 gallon pail)
PNT52WBB2-GA	Yellow GA SPEC Fast Dry Waterbase (5 gallon pail)
PNT52WBB3	Black Fast Dry Waterbase TTP-1952E (5 gallon pail)
PNT52WBB4	Blue Fast Dry Waterbase (5 gallon pail)
PNT52WBB5	Red Fast Dry Waterbase (5 gallon pail) with no fade additive
PNT52HBB1-GA	White High Build Fast Dry Waterbase - GDOT spec
PNT52HBB1	White High Build Fast Dry Waterbase - TTP-1952E - TP III
PNT52HBB2-GA	Yellow High Build Fast Dry Waterbase - GDOT spec
PNT52HBB2	Yellow High Build Fast Dry Waterbase - TTP-1952E - TP III

Also available in drums and 250 gallon totes / Biocide can be added at an additional cost

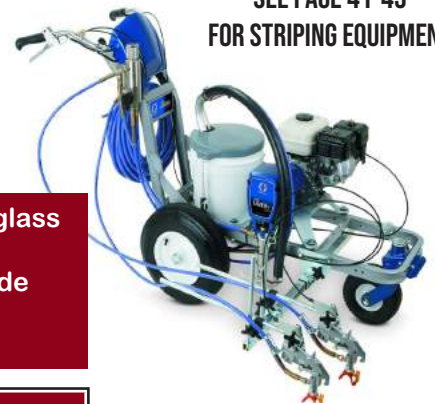
Traffic Paint Yields

Average application rate - 350 L/ft. per gallon of paint or 1750 L/ft. per 5 gal bucket (4" line @ 15 mil) Manufacturer does not recommend using paint at 50 degrees or below, in 80% humidity or if rain is expected within 4 hours of being applied.
GA standard is 15 mil & typically 5" line - 250 l/ft per gallon of paint

GLASS BEADS



Enhance visibility with reflective glass beads! Please call for large quantity discounts. We can provide glass beads for any state specifications



SEE PAGE 41-43
FOR STRIPING EQUIPMENT

Item Number	Description
GB-09GA80	GA 80% Round Beads
GB-09SC	80% Round Beads - SC pre-approved
GB-09APIII	Airport Type III - Grade A

Packaged in 50 lb. bags - 2000 lbs. on a pallet

Glass Bead Yields

Average application rate of standard beads - 6 lbs. Per 1 gallon of paint
Average application rate of Hi Index Airport Beads - 10 lbs. Per 1 gallon of paint



Thermoplastic yields
50 lb bag
4" line @ 90 mil = 150 lf
5" line @90 mil -=125 lf

Thermoplastic - Durable pavement markings that must be applied with specialized thermoplastic equipment. Also available for special order: Other thermoplastic specifications and black thermoplastic.

<i>Item Number</i>	<i>Description</i>
TP-25GSGA1	GA White Alkyd Granular Spray
TP-25GSGA2	GA Yellow LF Alkyd Granular Spray
TP-25GXCC1	City/County White Alkyd Granular Extrude
TP-25GXCC2	City/County Yellow LF Alkyd Granular Extrude
TP-25GXFD1	AASHTO White Alkyd Granular Extrude
TP-25GXFD2	AASHTO Yellow LF Alkyd Granular Extrude
TP-25PRIMER	Thermo Primer - 5 gallon pail
TP-30-08CD	Citrus Cleaner/ Degreaser - 5 gallon pail
Thermo Packaged in 50 lb. bags - 2000 lbs. per pallet	

DURABLE PAVEMENT MARKING TAPE/CONTRAST TAPE

Deltaline® XRP profiled tape is a high performance durable pavement marking that also provides Extended Reflective Performance not achievable from traditional markings. Deltaline® XRP is available in white, yellow, and high contrast, in a variety of roll widths and as words and symbols. Georgia DOT approved

Applications

Deltaline® XRP Extended Reflective Performance tapes can be used as an inlay on new asphalt or surface applied on most pavement surfaces where high levels of reflectivity are required to ensure the safety of the motoring public, and traffic is generally free rolling.



White (W) and Yellow (Y) materials are intended for use as lane lines, edge lines, and transverse markings on asphalt and concrete surfaces. High Contrast with black edges is intended for use on light colored surfaces.

FOIL BACK TAPE



When construction, repairs, or other circumstances require temporary re-routing or shifting of traffic flow, maintain order and safety with temporary marking tapes and symbols. Highly weather and traffic resistant, tape comes with a factory applied adhesive for fast and easy installation. No special equipment or primers are needed; just a clean, dry surface.

<i>Item</i>	<i>Description</i>
TC-08-W100	WHITE 4"x100YD
TC-08-W50	WHITE 4"x50YD
TC-08-Y100	YELLOW 4"X100YD
TC-08-Y50	YELLOW 4"x50YD

REFLECTIVE PAVEMENT MARKERS



- Reflective markers provide increased visibility on roadways
- Highly reflective
- Durable construction
- Variety of color combinations, including colors for hydrant and utilities location
- Available with pressure sensitive adhesive / or apply with 2 part epoxy or bitumen
- Easy to apply

Highly visible at night and in rainy conditions. Tough, impact-resistant bodies and abrasion-resistance lenses ensure long-lasting performance and durability

Item Number	Description	U of M
MKR352-290-RW	3M Model 290 - Red/White - GA Tp3	box/100
MKR352-290-W	3M Model 290 - 1 Way White - GA Tp2	box/100
MKR352-291-AA	3M Model 291 - Yellow/Yellow - GA Tp1	box/100
MKR352-291-Y	3M Model 291 - 1 Way Yellow - GA Tp2	box/100
MKR352-295-BB	3M Model 295 - Blue/Blue	box/100
MKR352WPSA-AA	3M Model 291 - PSA - Yellow/Yellow - GA Tp1 - adhesive pad attached	box/100
MKR352WPSA-BB1	3M Model 295 - PSA - Blue/Blue - adhesive pad attached	box/100
MKR352WPSA-RC	3M Model 295 - PSA - Red/White - GA Tp3 - adhesive pad attached	box/100

ADHESIVES

Ultrabond 1300 Epoxy Anchoring Gel is a two-component (1:1 ratio), 100% solids, high modulus, structural, epoxy gel. It is a solvent free, no odor, high strength, moisture insensitive, non-sag epoxy system. Miracle Bond is a two - component, high strength, high modulus, moisture intensive, no-sag, ceramic blend epoxy system. It's ideal for use as a bonding agent for almost any material, including metal, concrete, brick, wood, stone, block & other substrates.

Item Number	Description	U of M
ADH78130022	Epoxy Adhesive - 22 oz. Ultrabond 1300 Dual Cartridge with static mixer	each
ADH7822G	Dispensing Tool - 22 oz. for Adhesive Dual Cartridge	each
ADH822SM	Static Mixer Nozzle - 22 oz. for Ultrabond	each



SPECIALTY MARKERS

Item Number	Description	U of M
MKR154--	CERAMIC MARKER - 4" Specify Color (Available in White, Yellow or Black	box/50
MKR158--	CERAMIC MARKER - 8" Specify Color (White or Yellow) and Reflectivity (non/ 1-way/ 2-way)	each
MKR-GR-50DG1-	GUARDRAIL MARKER - 1-way DG 4x6.5 " FAT CAT (Specify White or Yellow)	each
MKRS15-17CMD	CENTERMOUNT DELINEATORS - 3" Round (200 Per case) Plastic Back Plate Standard Colors: White, Yellow, Red Other Colors Available with additional lead times	case/200
MKR001*	TEMPORARY OVERLAY MARKERS - TOM Self Adhesive Markers for Work Zones - White or Yellow Box = 500 - 2-way Reflective	Box/500
MKR-WZ-BW10Y-*	BARRIER WALL DELINEATOR - 10" x 10" Yellow (Specify 1-way or 2-way) (with bracket)	each



Application rates:	2.5"x4.5"	4"	8"
Bitumen	4 per lb.	3 per lb.	1 per lb.
2 gallon epoxy	100 per gallon	50 per gallon	15 per gallon
Epoxy 22 oz	25	10-12	4-5

ADHESIVES



Item Number	Description	U of M
ADH42BMA	BITUMEN - Marker Adhesive (55 LB Block) Hot Melt Bitumen - Typically used for Large Jobs - Please see page 36&37 for installation equipment	each
ADH26100	EPOXY ADHESIVE - Tube Kit (22 oz)	kit
ADH26150	EPOXY ADHESIVE - 2 Gallon Kit 2 Part Epoxy Adhesive "A" & "B" - Economical method for smaller jobs	kit
ADHHA5	ADHESIVE PAD - 5"x5" Heat Applied (Black)	each
ADHHA8	ADHESIVE PAD - 8"x8" Heat Applied (Black) Above adhesive pads Applied using a propane torch	each
ADHSA4	ADHESIVE PAD - 4"x4"- Recommended for Temporary Use	each

PREFORMED THERMOPLASTIC- HEAT APPLIED

Available in flats or rolls
90 mil or 120 mil

- Durable pavement marking for roadways & high traffic areas.
- Preheating of road surface required.
- Offers exceptional bonding, durability & appearance.
- Continuous year round application
- Excellent reflectivity & skid resistance
- One person application - No expensive equipment required.
- Available in 90 mil or 125 mil rolls or flats
- Ideal for small applications.
- Available in lines, legends and symbols
- Below is just a sampling of the items available - please call for pricing

Skid Optics can be added to any of these items at no extra cost; you must request at the time of order. We recommend adding Skid Optics in areas with pedestrian and bicycle traffic



PAVEMENT MARKINGS

Item Number	Description	U of M
PT-06W0490*	Prefomed Thermoplastic 4"x30' - 90 mil rolls - 3 rolls per case - White	case
PT-06Y0490*	Prefomed Thermoplastic 4"x30' - 90 mil rolls - 3 rolls per case - Yellow	case
PT-06W0590*	Prefomed Thermoplastic 5"x30' - 90 mil rolls - 3 rolls per case - White	case
PT-06Y0590*	Prefomed Thermoplastic 5"x30' - 90 mil rolls - 3 rolls per case - Yellow	case
PT-06W0890*	Prefomed Thermoplastic 8"x30' - 90 mil rolls - 3 rolls per case - White	case
PT-06Y0890*	Prefomed Thermoplastic 8"x30' - 90 mil rolls - 3 rolls per case - Yellow	case
PT-06W1290*	Prefomed Thermoplastic 12"x30' - 90 mil rolls - 2 rolls per case - White	case
PT-06Y1290*	Prefomed Thermoplastic 12"x30' - 90 mil rolls - 2 rolls per case - Yellow	case
PT-06W2490*	Prefomed Thermoplastic 24"x30' - 90 mil roll - 1 roll per case - White	case
PT-06ARRLT*	Prefomed Thermoplastic 8' Turn Arrow Left - 2 per case - White	case
PT-06ARRT*	Prefomed Thermoplastic 8' Turn Arrow Right - 2 per case - White	case
PT-06400146*	Prefomed Thermoplastic Shared Lane Symbol - 9'4"x3'4" - 2 per case (SHARROW)	case
PT-0689230237*	Prefomed Thermoplastic Handicap Kit - White on Blue - 40"x40" - 2 per case	case
PT-06WST90*	Prefomed Thermoplastic - Sharks Teeth - White -90 mil (3'x5') - 1 per case	case
PT-06WAHEAD*	Prefomed Thermoplastic - 8' AHEAD - 1 per case - White	case
PT-06WONLY*	Prefomed Thermoplastic - 8' ONLY - 1 per case - White	case
ADHHA5	Adhesive Pad - 5"x5" Heat Applied Black - 150 per case - Black	case
ADHHA8	Adhesive Pad - 8"x8" Heat Applied Black - 80 per case - Black	case
PT-06TORCH-HT*	Magnum Heat Torch for HotTape	each
PT-06TORCH-PM*	2000 EX Heat Torch for Premark	each



Standard and Custom Colors
 Transpo's Color-Safe® has many standard color options as well as custom colors available upon request.

- Bike Lane Green / Bus Lane Red**
- Buff / Traffic Yellow**
- White / Black / Adobe Red**
- Pink / Handicap Blue**
- Orange / Toll Lane Purple**

Features and Advantages

- Excellent Color Retention and Durability
- High Visibility Color Increases Motorist Awareness
- Available in a Variety of Colors and Aggregate Sizes
- Easy Application
- Fast Cure Time (30 min at 70° F)
- Wide Application Temperature Range (40°-100° F)
- Low Life Cycle Cost
- Ability to Adhere to Both Concrete and Asphalt Surfaces



Durable and High Definition Color

Color-Safe® is a Methyl Methacrylate (MMA) based material used for color pavement marking.

Color-Safe® is typically used for demarcation of bike lanes, pedestrian areas, bus lanes and other specially designated areas. A variety of supplied aggregates will create appropriate skid resistance for the application, vehicular traffic and specification requirements.

Color-Safe® can be applied by hand with squeegees and rollers or with automatic spray equipment and cures without requiring external heat sources.

Color-Safe® is capable of full cure in a wide range of temperatures allowing for a longer marking season.



PHYSICAL PROPERTIES*

Properties	Unit of Measure	Test
Neat Resin		
Tensile Strength	500-1000 psi (3.4-6.9 MPa)	ASTM D638 Type I
Elongation	>30%	ASTM D638 Type I
Hardness	55-60 Shore D	ASTM D2240
Water Absorption	<0.25%	ASTM D570
Pot Life @72°F (22°C)	15 Minutes	AASHTO T237
Solids Content	100%	ASTM D1644
Aggregate		
Hardness	7.0	Mohs Scale

*To be used as general guidelines only

STENCILS



Call us for all your stencil needs.

DOT & MUTCD compliant
FAA Airport

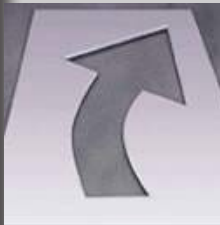
Custom stencils available - including proprietary stencil sets for
McDonalds, Chick-fil-A, Walmart and others

PAVEMENT MARKINGS

Item Number	Description	Unit
STN98-FA	4" Letter Set A	each
STN100	6" Letter	each
STN100-FA	6" Letter Set A-Z	each
STN101-FN	6" Number Set 0-9	each
STN101A	8" Letter	each
STN101B-FN	8" Number Set 0-9	each
STN102	10" Number	each
STN102-FN	10" Number Set 0-9	each
STN102A	10" Letter	each
STN102A-FA	10" Letter Set A-Z	each
STN103	12" Number	each
STN103-FN	12" Number Set 0-9	each
STN104	12" Letter	each
STN104-FA	12" Letter Set A-Z	each
STN104A	18" Letter	each
STN104A-FA	18" Letter Set A-Z	each
STN104B-FN	18" Number Set 0-9	each
STN105-FN	24" Number Set 0-9	each
STN106	24" Letter	each
STN106-FA	24" Letter Set A-Z	each
STN107	36" Letter	each
STN107-A	36" Number	each
STN107a-fn	36" Number Set 0-9	each
STN108A	48" Letter	each
STN109	72" Letter	each
STN109A	72" Number	each
STN110	96" letter -6" stroke	each
STN110A	96" letter - 4" Stroke	each

Item Number	Description	Unit
STN132	10" FIRE	each
STN133	10" LANE	each
STN139A	10" RESERVED	each
STN139B	10" PARKING	each
STN140A	10" ONLY	each
STN141	10" VISITOR	each
STN141A	10" COMPACT	each
STN141B	10" CARS	each
STN142	6" NO PARKING	each
STN143	10" NO PARKING	each
STN151A	6" RESERVED	each
STN153	12" NO	each
STN154	12" PARKING	each
STN155	12" FIRE	each
STN156	12" LANE	each
STN158	12" RESERVED	each
STN158A	12" CUSTOMER	each
STN162	12" ONLY	each
STN163	4" NO PARKING	each
STN189	18" NO	each
STN190	18" PARKING	each
STN191	18" FIRE	each
STN193	18" LANE	each
STN199	24" NO	each
STN200	24" PARKING	each
STN200A	24" DO	each
STN200B	24" NOT	each
STN204	24" ENTER	each
STN204	24" ENTER	each

Item Number	Description	Unit
STN111	Handicap Symbol (MEDIUM) 24" x 36" x 2" Stroke (box 36x50)	each
STN111A	Handicap Symbol (LARGE) 33" x 42" x 2-3/4" Stroke (box 42x50)..	each
STN111B	Handicap Border (for 111 & 111A)	each
STN112	Handicap Symbol (SMALL) 12" x 18" x 1-1/4" Stroke	each
STN115	6' Arrow with curved & straight tails (3-piece)	each
STN115A	5' Straight Arrow (1 piece)	each
STN115B	5' Curved Arrow (1 piece)	each
STN118	Federal Curved Arrow	each
STN118A	Federal Combo Tail	each
STN119	Federal Straight Arrow	each
STN119H	Outlined Straight Arrow	each
STN119I	Outlined Curve Arrow	each
STN119L	U-TURN Arrow 8' x 9' x 2"	each
STN123B	BICYCLE LOOP	each
STN126	Bicycle Lane Symbol	each
STN145	Multipurpose Arrow (Straight 22")	each
STN146	Multipurpose Arrow (Curved 24")	each
STN219	48" YIELD (1 piece)	each
STN220	48" STOP (1 piece)	each
STN247	Bike Shared Lane (40" wide x 111" high)	each
STNBN	Brass Kits 2"	each
STNP-50x108-1/8	50" x 108" x 1/8" sheet	each
STNP-x108x1/16	50" x 108" x 1/16" Sheet	each
STNP-50x156x1/8	50" x 156" x 1/8" Sheet	each



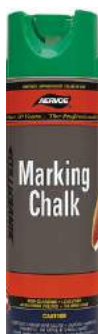
INVERTED STRIPING & MARKING PAINT



From warehouse aisles to parking lots, when vibrant, crisp lines are required, Aero-sol striping products provide great results with easy application in a variety of striping machines. They are fast drying and highly pigmented for high-hide, one-coat coverage. These no-lead formulas are versatile and economical for small size jobs.



The Flagship of the line offering a high-quality paint that is priced competitively to meet a variety of upside-down marking applications, while providing good color visibility and durability. marks will last up to 3 months



A special blend of raw materials that are safe on all surfaces and designed for temporary upside-down marking.

- Mark disappears in 10-20 days when exposed to water, traffic, and other abrasions.
- May also be washed off with a pressure washer



APWA/One-Call Colors
The APWA requires public agencies, utilities, and contractors that excavate underground to use this color standard to identify the location and type of sub-surface utilities.



AP-MP-08	MARKING PAINT - 20 oz. (17 oz.) Aerosol - a case yields appx linear coverage 480" and coverage varies depending on width and thickness of line) 12 cans per case Stock Colors: Black, Flo Orange, Flo Pink, White, Silver	case
AP-SC-08	SPRAY CHALK - 20 oz. (15 oz.) Aerosol 12 cans per case - Special Order	case
AP-VS-08	STRIPING PAINT - 20 oz. (18 oz.) Aerosol - a case yields appx 700' of a 4" line 12 cans per case - Stock Colors: Black, White, Yellow	case
AP-VS-08	VERS-A-STRIPER	each
AP-MS-08	MARKING STICK	each
AP-SM-08	SPOT MARKER for Marking Paint & Spray Chalk	each
AP-MF-08*	SURVEY MARKING FLAGS - 16 gauge wire stake - 1000 per case - PVC Flag	case
Other colors available - Additional lead times may apply		

FLEXIBLE POSTS, CURBING AND SIGN POSTS



FG 300 Surface Mount Channelizer Posts

The clover-leaf design of the FG 300 tubular marker provides far better rebound than simple round tubes. The curving of the sides of the FG 300 tube changes the moment of inertia and builds up tremendous potential energy resulting in a quick and sharp rebound after impact.

The FG 300 is offered in three grades:

- Model PE for general applications
- Model UR, the industry workhorse
- Model EFX for your toughest installations

No metal pins in bases to rust or seize - simple installation and replacement of damaged posts. **Model UR is a stock post-the PE and EFX posts may require additional lead times.**



Interstate Grade Curb System

The FG 300 Interstate Grade Curb System is a lane separation system that provides efficient and cost-effective channelization of traffic on freeways, toll-ways, city streets and rail-highway at-grade crossings. This one-piece curb system links together for a continuous "picket fence" effect and consists of modular raised curb sections mountable by emergency vehicles. The Interstate Grade Curb System features our FG 300 EFX uprights, the toughest channelizer posts on the market.

Parking Lot Sign System

The Pexco sign post system allows for rapid installation of lightweight, durable plastic sign posts. Less expensive than steel, and far more visible. The system takes only minutes to install and will last for years. These posts bend when struck, return to vertical and won't damage vehicles like steel posts. The white X-Tube Post is a 1.75" square post supported by two internal, corner-to-corner reinforcing cross beams. Made from UV-stabilized polymers, the posts offer superior impact resistance and withstands all weather conditions.

The Yellow X-Tube Post is also a 1.75" square post. It's made from an engineering thermoplastic resin and is available in a rainbow of colors for enhanced visibility. The Parking Lot Base is created from a high impact-resistant UV-stabilized resin. Designed to conserve space and reduce trip hazards, they accept both the X- and Y-Tubes or 1.75" square steel tube and lock securely in place with a simple bolt or quick-release pin.



CITY POSTS

GLUE DOWN



SURFACE MOUNT



EMBEDDED CUP



Durability Redefined!

The City Post may be Pexco's best innovation yet, answering the need for reduced maintenance, improved safety, and significant cost-savings. The City Post builds upon 30 years of Pexco innovation, and has achieved levels of performance never before seen.

Designed for superior durability and quick replacement, this 3-inch round channelizer post sets new standards for ease-of-maintenance and ultra-high durability.

City Posts remain flexible, even at extremely low and high temperatures (-20°F to +160° F), and return to an upright position after more than 100 impacts at 70mph (112 km/h). The City Post was created using advanced engineering resins to provide maximum strength and superior durability. The solid, one-piece polyurethane construction absorbs impacts and rebounds instantly.

The City Post family of solutions has grown to include three models to cover all installation requirements:

- Model EAC - the original, spin-in post model
- Model SM - the traditional, bolt-down model
- Model GD - glue-down, our newest model

GROUND MOUNT POSTS

FG 300 Ground Mounts

The FG 300 Ground Mount delivers durability, low maintenance and quick replacement.

The unique polyurethane coupler connecting the upright tubular to the steel anchor can take tremendous impacts and still keep the post upright and functional. It has been proven to withstand multiple high speed impacts on the NTPEP Test Deck.

Combine ease of replacement, the geometry of the FG 300 and polyurethane - the toughest flexible engineering polymer - and the result is a roadside post that sets new standards for durability and convenience.



In-Street Pedestrian Crosswalk Sign

Highly Visible Crosswalk Identification Sign

The In-Street Pedestrian Crosswalk Sign provides enhanced conspicuous for both signalized and un-signalized intersections in order to alert motorists to local laws concerning yielding to or stopping for pedestrians in crosswalks. The effectiveness of this unit has been repeatedly supported by independent testing to demonstrate distinct changes in motorist behavior and accident incidence following installation.

FLEXIBLE POSTS



Tuff Post®

High Performance Channelizer

Tuff Post is a high performance channelizer designed to meet the harsh demands of high speed, high traffic areas. Tuff Post has been tested to sustain 50 impacts at 55 mph with little damage to the unit or the impacting vehicle, while remaining upright with no vertical listing. Tuff Post is ideal for exit lane delineation, head-to-head traffic separation, urban turn restrictions, edge line delineation, or anywhere that durable, flexible, high performance channelization is required.

Tuff Post's patented reactive spring system ensures the post will return to its original position impact after impact, reducing replacement costs.

Options:

- Diameter: 2.375", 3", 4"
- Post Length: 36", 42", 48"
- Post color: White, Orange, Yellow
- Sheeting: White, Yellow, Red, Green, Orange



FLEXIBLE POSTS



BASE OPTIONS



Fixed Base

Fixed Base is a surface mount base designed for permanent applications that secure the upright with bolts.

Fixed Base can be installed using the Impact Recovery Systems' anchor kit or epoxy.



Quick Release Fixed Base

Quick Release Fixed Base is a surface mount base with our unique quick release feature designed for permanent or long term applications.

This base's Quick Release feature provides the ability to change out or remove products in less than five seconds without the use of tools or special equipment.



Portable Base - 34#

Eliminates the need for multiple specialty bases with its ability to be utilized with Impact Recovery Systems' full line of panels and signage. One Base's portable design and ergonomic carrying handle make it ideal for situations where rapid deployment of temporary signage is needed. One Base is easily transported and perfect for temporary applications.

SlowStop Bollard

Dynamic Impact Collision Protection

A revolutionary new rebounding bollard system that absorbs energy, reducing damage to vehicles and assets, while protecting personnel.

- Protect infrastructure
- Reduce Inventory Damage
- Improve Personnel Safety

Call us for more details

Tuff Curb

Traffic Separator Curb

Tuff Curb is a durable, high performance traffic separator curb that is compatible with Impact Recovery's full line of posts and panels. Integral coloration makes Tuff Curb highly visible and resistant to UV damage and fading. In addition, enhanced profile dimensional properties and 3M™ reflectors provide maximum visibility and traffic separation both day and night. Tuff Curb's safety and durability has been tested by Texas Transportation Institute to 2009 MASH standards and is also federally approved. This curbing system does not require water scuppers that often clog with debris; section spacing can be customized for local conditions to maintain natural water drainage.

Tuff Curb 40"x12"x3.5"
End Cap 18"x12"x2"



FLEXIBLE CURBING

Tuff Curb® XLP

Low Profile Traffic Separator Curb

Tuff Curb XLP was designed to withstand the effects of high speed, high impact applications and is compatible with Impact Recovery Systems' full line of posts and panels. XLP's durable low profile design (8"W x 2"H x 40"L) was made to withstand 20,000 lbs. of static force from a single wheel, and has been tested by the Texas Transportation Institute to 2009 MASH standards. XLP's bright solid coloring and glass-element technology reflectors supply maximum visibility both day and night.



Available in white or yellow

Couplers are available to create a "single piece" look along the curb and to eliminate gaps between curb pieces. This is especially useful for bike lane delineation and parking structure traffic flow management

Reflector Colors: Yellow, White, Red/Clear

	Tuff Curb®	Tuff Curb® XLP	Notes
At-Grade Crossings	●	○	
Bike Lanes	X	●	
Bridge Decks	X	●	
Centerline Workzone	○	●	
Entrance/Exit Ramps	○	●	
HOV Lanes	○	●	
Parking Decks	X	●	
Toll Booths	●	○	Slow Speeds
Toll Lanes / Plaza Channelization	○	●	High Speeds
Turn Lanes	●	○	
Urban Turn Restrictions	●	○	

	Tuff Curb®	Tuff Curb® XLP	Notes
20mm Plastic Sleeve Anchors (2)	●	X	Asphalt
16mm Plastic Sleeve Anchors (2)	X	●	Asphalt; Speeds <45mph
16mm Plastic Sleeve Anchors (3)	X	●	Asphalt; Speeds 45 mph+
1/2" Wedge Bolt (2)	●	●	Concrete; Speeds <45 mph
1/2" Wedge Bolt (3)	X	●	Concrete; Speeds 45 mph+
Epoxy	X	●	
Super Bundy®	X	●	Speeds <30mph

Key

Recommended ●
Not Recommended X

*Note: IRS highly recommends the installation of a post or panel on each curb section

Key

Suitable ○
Preferred ●
Not Recommended X

FLEXIBLE POSTS

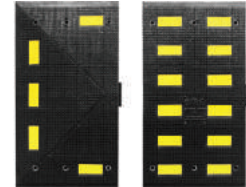
SAFETY RIDER- MINI SPEED HUMPS

The Safety Rider® V mini speed hump is an economical speed reduction device made from vulcanized rubber. Unlike asphalt, the rubber mini hump is molded to spec creating a uniform and reliable solution to slow vehicle traffic. The mini humps are simple to install and do not require road closures or ideal weather conditions. Plastic shields are inserted into pre-drilled holes and the units are bolted down to keep them from shifting.

The Safety Rider® V is ideal for slowing traffic in front of gates, toll booths, all parking access facilities, and anywhere slow traffic flow is required. Our durable solution also holds up well to heavy load-bearing truck traffic.

Reflective tape on both the mid-sections and end caps provide optimal visibility, even on a dark night, alerting drivers well in advance.

Safety Rider® V is covered by a 3 year warranty on the product; 1 year warranty on the tape (under normal use).



Mini Humps Item Number	Description
RR-07MHVECF	MINI SPEED HUMP Rubber End Cap (Female) - 35.5" 6 fasteners for asphalt included
RR-07MHVECM	MINI SPEED HUMP Rubber End Cap (Male) -35.5" 6 fasteners for asphalt included
RR-07MHVY	MINI HUMP Rubber Section 35.5"x19.5"x2.1" high - Yellow (includes hardware)

SPEED TABLES

Speed tables are flat-topped speed humps with room for the entire wheelbase of a passenger car to rest on top. The flat top design allows cars to maintain slightly higher speeds than they would on speed humps, slowing vehicles to estimated speeds of 15-25 mph. This makes speed tables the ideal solution for roads with typical residential speed limits. Speed tables are 3 inches high. Most often used in lengths of 7 or 21 feet, the tables can be customized to any length and to the width of your roads in increments of 18".



**PLEASE CALL FOR
PRICING &
ADDITIONAL
INFORMATION**

PARKING BLOCKS

The rubber Park-It® parking curb is used to effectively guide cars when pulling into a parking stall. It is profiled at 4" high, safeguarding potential damage to today's low, front end car designs. They are more resistant than concrete or plastic curbs. Unlike concrete or plastic, which necessitate frequent replacements, recycled rubber car stops are safer and more durable. In-molded highway reflective tape (available in yellow or white) ensures visibility and pedestrian safety. The Park-It® parking curb is constructed of 100% recycled rubber.



The Park It® comes with pre-molded holes and can be shipped with anchoring spikes or lag bolts for installation. They are lightweight (34 lbs. for a 6' car stop) and flexible; conforming to the contour of uneven road surfaces.

Parking Blocks	Description
RR-07PB6B	PARKING BLOCK Rubber 6' Striped Blue/White (does not include hardware)
RR-07PB6W	PARKING BLOCK Rubber 6' Striped White (does not include hardware)
RR-07PB6Y	PARKING BLOCK Rubber 6' Striped Yellow (does not include hardware)
4 Fasteners needed for each parking block - Advise asphalt or concrete installation when ordering	

SPEED BUMPS



Speed Bumps	Description
RR-07SB4Y	SPEED BUMP Rubber 4'x 2.25" Striped Yellow (does not include hardware) -3 fasteners needed
RR-07SB6Y	SPEED BUMP Rubber 6'x 2.25" Striped Yellow (does not include hardware) - 4 fasteners needed
RR-07SBEC	SPEED BUMP Rubber End Caps (does not include hardware) - 1 fastener needed
Advise asphalt or concrete installation when ordering	

Accessories	Description
RR-07REBAR-G	GALVANIZED REBAR SPIKES 14" FOR Speed Bump and Parking Block
RR-28LBS	LAG BOLD & SHIELD - for concrete installation - (6"x 1/2" Lag Bolt with 1/2" Lag Shield)

BOLLARD COVERS

Bollard Cover Features

Unlike concrete or steel posts, which require frequent maintenance and repainting, High Density Polyethylene (HDPE) post covers are safer for vehicles and more durable. The high quality plastic can withstand all weather conditions, is fade resistant, and easy-to-install. The recessed reflective striping is available in various colors and helps increase visibility.

Each bollard cover comes with 2 foam strips for easy installation. No adhesive necessary! They are lightweight and can easily be trimmed on-site to fit any post height.

Available Sizes

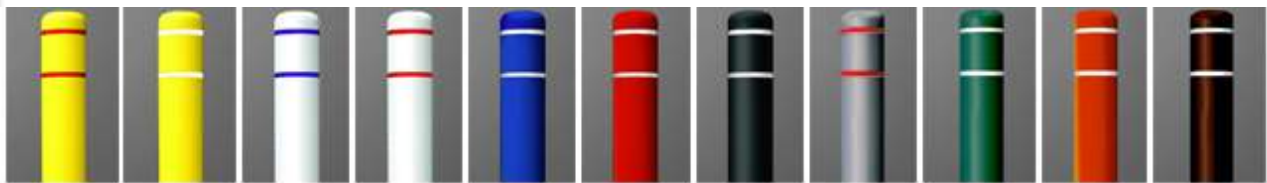
- Round
- 4.5" dia. x 52"
- 4.5" dia. x 64"
- 7" dia. x 60"



Choose The Right Size Post Sleeve:

Diameter Measures	Bollard Cover Needed
4.5" or less	4.5"
Greater than 4.5", less than 7"	7"
Greater than 7", less than 8.875"	8.875"
Greater than 8.875", less than 10.875"	10.875"
Greater than 10.875", less than 12.75"	12.75"

Item #	Description
RR-07BCRY4.5x52	BOLLARD COVER - Round - Yellow - 4.5 x 52"
RR-07BCRB7X60	BOLLARD COVER - Round - Blue - 7" x 60"
RR-07BCRR7X72	BOLLARD COVER - Round - Red - 7" x 72"



HOME PARK IT

The Home Park It® provides guidance to help residents park with confidence in limited space. This unique home parking solution protects valuables and prevents damage in and around the garage or parking area. Constructed of recycled rubber and molded with GNR's highly reflective highway tape, the Home Park It® is highly visible and extremely durable. The Home Park It® is 22 inches long and 4 inches high. *No Hardware Required!*



RR-07PBHPI



**NEW CONSTRUCTION
CAST IN PLACE TRUNCATED DOME DETECT-
ABLE WARNING SYSTEMS -
The only 100% Replaceable Mat Available**

- For use in new curb ramps or new construction
- Pressed into place in freshly poured concrete
- Plastic sheeting protection covers entire surface of Cast-In-Place Tile

ADA-IL-R (Brick Red) 2'x4'
ADA-IL-Y (Yellow) 2'x4'

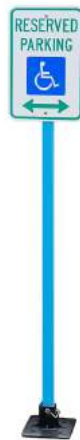
Total Parking Stalls in Lot	ADA Handicap Spaces Needed
1 - 25	1
26 - 50	2
51 - 75	3
76-100	4
101-150	5
151-200	6
201-300	7
301-400	8
401-500	9

Total ADA stalls in lot	ADA Handicap Van Access Spaces needed
1 - 8	1
9 - 16	2
17- 24	3
25 - 32	4
33 & Over	5+

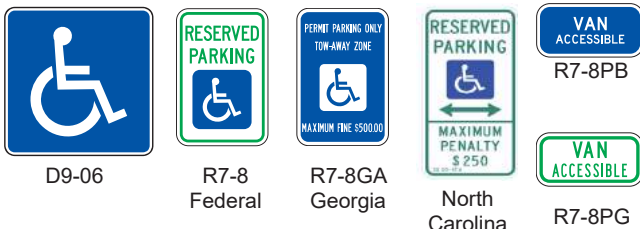
**EXISTING CONSTRUCTION
DETECTABLE WARNING SYSTEMS**

QUICK & EASY - Installation of the Tough-EZ Tile™ is quick and easy. Each mat can be installed in under 15 minutes, after cleaning the installation area. **INDESTRUCTIBLE** - Lightweight, UV-stablized and impact-modified polymer composite material will not crack, chip, break, crush or wear down, and provides years of use without discoloration or fading. **PEEL-N-STICK ADHESIVE** - Non-skid, waterproof walking surface that conforms to the contours and variations of concrete sidewalks. This assembly is secured by a special pressure sensitive adhesive.

ADA-RF-RLG (Brick Red) 2'x4'
ADA-RF-YLG (Yellow) 2'x4'
ADA-RF-RSM (Brick Red) 2'x3'
ADA-RF-YSM (Yellow) 2'x3'



Alabama Florida Florida Permit Fine



MEASURING WHEELS



	312 Lightweight & compact	30 PM Mark as you measure, stand keeps unit upright	300 Heavy Duty Strength & Durability	400 All Steel construction
Wheel Diameter	12"	12 1/2 in	11 1/2 in.	15 1/2 in
Counter Reading	10,000 ft./in	10,000 ft./in.	100,000 ft.	100,000 ft.
Wheels	Single / Aluminum	Single / Aluminum	Single, Steel	Single, Spoked
Wheel Stand	Yes	Yes	optional	Yes
Handle	3 section telescoping	Adjustable w/trigger	Insert & Lock	Fold- Locking Knob
Wheel Brake		-	-	Yes
Weight	5 lbs.	5 lbs.	5 lbs.	8 lbs.

CHALK



AMMO CHALK BOX

The Ammo chalk box provides a straight, accurate application of chalk to be used as a guide-line for striping. The Chalk Box is ideal for all outdoor applications where lines are used especially for layouts of athletic tracks, parking lots, tennis courts, playground games, airport runways, streets and highways, industrial aisle marking, etc. Comes with 5lbs of chalk

- SS-CAB5**
- SS-CREfill(5 Lb. refill)**
- SS-CLMG (grommett)**



GIANT CHALK LINE

G3X100 FEATURES

Ergonomic design to reduce wrist strain. Chalk Catcher reduces waste and keeps chalk from ending up on your clothes. "Glovable" grip for cold weather. Huge Big Mouth™ opening to ease fill-up and no-leak stopper to keep it shut

SS-CGCB

CONVEX MIRRORS



CONVEX MIRRORS

Outdoor models have a special weather sealed backing, hanging hardware, and a heavy duty sealed EDPM rubber molding. Threaded mounting bolts are furnished on the backside of the mirror for attachment to your braces. These are needed for high wind conditions. Acrylic mirrors are normally recommended for outdoor use. Round glass and Dome 360 mirrors are also available with the outdoor preparations.

- | | |
|------------------|------------|
| CM260D | 26" |
| CM300D | 30" |
| CM360D36" | 36" |

CARPENTERS CHALK

The original carpenter's chalk. Marks easily, clings readily, and can be painted over. Available in white or blue. Hemispherical 2-1/2" cake. Packed 72 pieces per box.

- SS-CHMW(White)**
- SS-CHMB(Blue)**



LUMBER CRAYONS

These extruded lumber crayons last up to 10 times longer than ordinary molded wax crayons. Fade-proof, water-proof, smear-proof. Won't melt in direct sunlight. Will work on wet (green) lumber or dry wood, metal, concrete and most other surfaces. One dozen per box

SS-LCY - Yellow

COLD PATCH



COLD PATCH

LET THIS HELP WITH THIS!

High performance cold mix asphalt for asphalt & concrete patching and repair.

Our material is a special blend of ashpalts, gravel, sand, fibers and polymers. It is the same mix for winter, spring or summer allowing for easy workablity in any temperature.

Available in 50 lb. bags PM80-CP
(50 bags per pallet)

Remove loose material, sweep, shovel or pour cold mix, tamp!

Coverage Rate		
Area to Patch	Depth in inches of bags	#
2x2	2	2
2x2	4	4
3x3	2	5
3x3	4	9



CRACK SEALANT

With The First and Only **Fully Meltable** Hot Pour Crack Seal Container.

Nuvo™ CS is a next generation hot pour polymer modified asphalt crack and concrete joint sealant. The workhorse of the Nuvo™ line, our CS products are formulated with Intelibond™ Technology to provide consistent performance in a wide range of climates, superior crack penetration, fast setup times, wide application temperature ranges and fast melt times. Packaged in our exclusive, fully meltable PolySkin™ Packaging, Nuvo™ sealants have set a new standard for ease of use, product performance and environmental awareness.

Long Term Durable Storage

With the only waterproof package available on the market, Nuvo™ sealants have a significantly longer storage life than sealants packaged in cardboard. Rigid interlocking containers form stable, element resistant pallets that do not require storage in precious warehouse space.



Nuvo™ Elite is a next generation hot pour polymer modified asphalt crack and concrete joint sealant. Formulated from the finest raw materials and fortified with Intelibond™ Technology, the Elite line of sealants offer the greatest range of benefits and versatility available from any hot pour crack sealant. Packaged in our exclusive, fully meltable PolySkin™ Packaging, Nuvo™ sealants have set a new standard for ease of use, product performance and environmental awareness.

- PM-6866902 CRACK SEALANT Nuvo ASTM 6690 Tp II
- PM-68CSC CRACK SEALANT Nuvo CS Tp C -Road & Parking Lot Sealant - Moderate to Hot Climate
- PM-68CSD CRACK SEALANT Nuvo CS Tp D - Road & Parking Lot Sealant - Hot Climate
- PM-68DF20 CRACK SEALANT Nuvo Direct Fire ELITE D 20-25# * (stock)

FLASHING SIGNS

TRAFFIC CONTROL



Solar Sign Alert Systems

Solar Powered LED Inserts for Highway Signs

Brighter Signs mean safer roads

Solar Sign Alert Systems are powered by a solar panel and designed to enhance the visibility of highway signs in any weather conditions to increase road safety. With Sign Alerts ultra bright LED's, drivers are cautioned in advance of dangerous intersections or curves, hazardous road conditions, or entering work zones or school zones and much more. The smart controller allows our sign alert systems to preserve energy and battery life with its auto-dimming feature while maintaining brightness.

Eco-RRFB (Rectangular Rapid Flash Beacon)

K&K Systems' Rectangular Rapid Flash Beacon (RRFB) is a device using LED flashing beacons in combination with pedestrian warning signs, to provide a high-visibility strobe-like warning to drivers when pedestrians use a crosswalk. In general, RRFBs are a visual cue that pedestrians may begin crossing the roadway at any time. They are always accompanied by crosswalk markings and signs.

Crosswalk RRFBs operate by wireless push button activation. When a pedestrian pushes the button to cross the street, the sign is activated and begins to flash to warn drivers of the crossing pedestrians. The flashing pattern can be activated with pushbuttons or automated (e.g., video or infrared) pedestrian detection.

Push Button Assembly:

- 2" Button with momentary switch rated at 36VDC
- 5" x 7" button fixture with crossing sign inserted



Benefits:

- ▶ RRFBs are a lower cost alternative to traffic signals and hybrid signals.
- ▶ RRFBs at pedestrian crosswalks are dramatically more effective at increasing driver yielding rates to pedestrians than traditional overhead beacons.
- ▶ RRFBs stutter flash may elicit a greater response from drivers than traditional methods.



Flashing 24 hours a day, seven days a week, the model ECO-116-S12 Hazard beacon is an advanced 24-hour solar flasher. Whether in congested cities, or on rural and remote roadways, the 24/7 ECO Hazard flashers are used to help warn vehicular traffic to possible hazardous areas or intersections ahead. dangerous curves, stop ahead, dangerous crossings, road construction, and speed zones are just a few of the many applications where solar stationary flashing beacons will enhance the visibility of roadway signage.

ECO BEACONS

24/7 Stop/Caution ECO Beacons



School Zone ECO Beacons



Specialty ECO Beacons



- Remote Controller
- Moisture Sensor
- High Wat Sensor

Compact Control Cabinet

Houses battery and SPLasher under the solar panel.



CrossTalk

CrossTalk and its cloud software allows you to monitor and control one to hundreds of beacons. Set the schedule, receive notifications, and manage multiple schools at once. Just set your schedule and let us do the rest.



SIGN STANDS

Model #	Deployed Height	Ground to sign	Weight (w/o Brackets)	Accommodates Roll-up	Accommodates Rigid	Springs
4884	13'	7'	35	x	x	Dual
5012NS	6.5'	12"	18	x		Single
5012SS	6.5'	12"	20	x		Single
5018	7'3"	18"	35	x	x	Dual
Tripod	-	-	12	x	x	NO
T-Stand	-	-		x		NO

4884



5012



5018



Tripod



WINDMASTER SIGN STANDS

- Windmaster sign stands are constructed of steel bases and spring components.
- The Windmaster product line allows deployment of your signage from 1' to 7' from ground surface, accommodating any height required.
- Steel base and spring components specially coated to withstand 500 hours of salt spray test.
- Aircraft aluminum alloy legs and uprights, including rubber leg caps for traction. Adjustable legs for stability on curbs or uneven terrain.
- Dual spring base with strong initial tension resists twisting and turning of sign in high wind gusts.
- Kick release legs simplify set-up
- One person deployment with out tools. Kick release legs for easy set-up & take down & adjustable legs for stability.
- Rigid sign brackets secure sign faces up to 1" thick. Two brackets are required per sign face. (For use on 4884 and 5018 models only)
- Universal Roll-up sign bracket is used with any roll up sign.

ECONOMY TRIPOD STANDS

- Complies with MUTCD standards
- Steel with a powder coat orange finish. 16 GA Steel tubular constructions.
- Displays 36" & 48" roll-up or rigid sign panels
- Tripod design allows for quick & easy set-up
- NCHRP 350 test level 2 compatibility with roll-up sign
- Item #03-4450TRI



T-STAND

Ideal for economical in-ground installation of roll-up sign panels.

- Step on lower crossboard to drive stand into ground
- Built in spring clips hold 36" & 48" roll-up sign panels
- Constructed of galvanized steel to resist corrosion.
- Height 56" Weight 6.5 lbs.
- Item #03-SST24140

ROLL-UP SIGN LEGENDS

Standard Legends:

Legends marked with a ● are 36" and 48" signs complete with fiberglass rib sets that are kept in stock for immediate shipping in reflective Super Bright™ and non-reflective (solid and mesh) materials. Legends in **bold pink** are typically used for emergency traffic control situations and are usually reflective pink however all legends may be printed on any reflective or non-reflective material. Custom legends are available for an additional temporary screen fee. Most legends may be equipped with velcro strips to allow overlays to be utilized.

ACCIDENT AHEAD

- ACCIDENT AHEAD RIGHT LANE
- ACCIDENT DETOUR AHEAD
- ARROW LEFT 45°
- ARROW RIGHT 45°
- BE PREPARED TO STOP
- BEGIN MOWING ZONE
- BLASTING ZONE TURN OFF 2-WAY RADIO
- BORDER ONLY
- BRIDGE INSPECTION CREW
- BUMP
- BUMP AHEAD
- CAUTION HIGH WATER
- CAUTION LOG TRUCKS
- CAUTION PEDESTRIAN CROSSING SYMBOL
- CAUTION SMOKE OR FOG AHEAD
- COMMAND POST
- DETOUR AHEAD
- DIP

EMERGENCY SCENE AHEAD

- EMERGENCY TRUCK REPAIR AHEAD
- END MOWING ZONE
- END ROAD WORK
- END UTILITY WORK
- EQUIPMENT IN RIGHT LANE
- EXIT (WITH 45° UP RIGHT ARROW)
- EXIT CLOSED

FIRE ACTIVITY AHEAD

FIRE TRAINING AHEAD

- FIRE TRAINING CENTER
- FLAGGER AHEAD
- FLAGGER SYMBOL
- FLAGMAN AHEAD
- FRESH OIL
- FRESH OIL LOOSE GRAVEL
- FRESH TAR
- GIVE US A BRAKE SLOW DOWN
- GUARDRAIL DAMAGE AHEAD
- HEAVY EQUIPMENT CROSSING
- HIGH WATER
- HIT A WORKER \$10,000 FINE 14 YRS IN PRISON

INCIDENT AHEAD

- LANE CLOSED AHEAD
- LANE SHIFT LEFT ARROW (SYMBOL)
- LANE SHIFT RIGHT ARROW (SYMBOL)
- LEFT LANE CLOSED
- LEFT LANE CLOSED AHEAD
- LITTER CREW AHEAD
- LITTER PICK-UP AHEAD
- LOG TRUCKS ENTERING HIGHWAY
- LOW SHOULDER
- MEN WORKING
- MEN WORKING AHEAD
- MERGE AHEAD
- MERGE LEFT
- MERGE RIGHT
- MERGE WITH LEFT ARROW
- MERGE WITH RIGHT ARROW
- MOWERS AHEAD
- MOWING AHEAD
- MOWING OPERATIONS AHEAD

MOWING ZONE

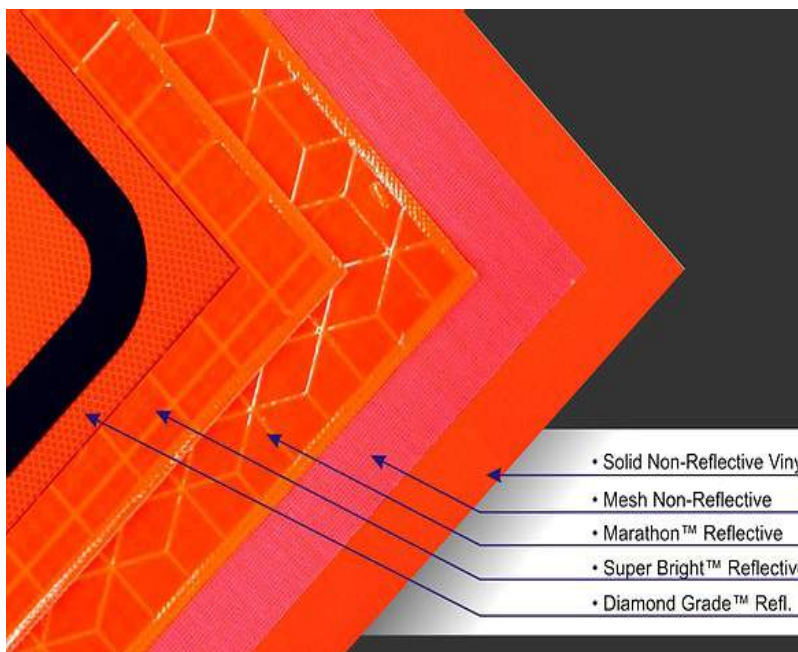
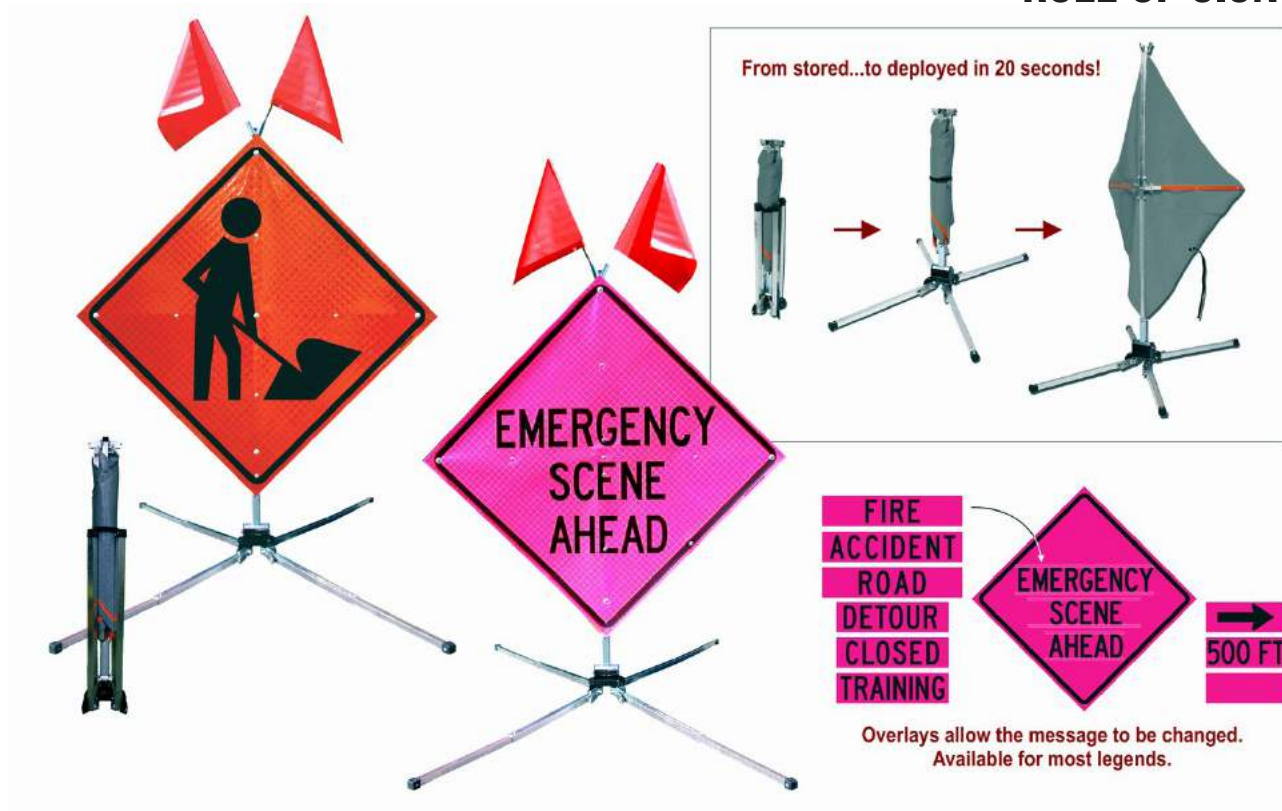
- NO CENTER STRIPE
- NO PHONE ZONE
- NO RIGHT TURN
- ONE LANE ROAD AHEAD
- ONE LANE AHEAD
- PIPELINE CONSTRUCTION AHEAD
- PIPELINE CROSSING AHEAD
- POTHOLE REPAIR AHEAD
- POWER LINES WITH UP ARROW
- PREPARE FOR SUDDEN STOP
- PREPARE TO STOP
- PRESCRIBED BURN AHEAD
- PRESCRIBED BURN AHEAD DO NOT REPORT
- RAMP WORK AHEAD
- REDUCED SPEED AHEAD
- RESUME SPEED THANK YOU
- RESTROOM BUILDING CLOSED
- RIGHT LANE CLOSED
- RIGHT LANE CLOSED AHEAD
- RIGHT SHOULDER CLOSED AHEAD
- RIGHT TURN LANE CLOSED
- RIGHT TWO LANES CLOSED
- ROAD CLOSED
- ROAD CLOSED AHEAD
- ROAD CLOSED TO THRU TRAFFIC
- ROAD FLOODED
- ROAD MACHINERY AHEAD
- ROAD WORK AHEAD
- ROAD WORK AHEAD FRESH OIL
- ROUGH ROAD
- SAFETY BELT ENFORCEMENT ZONE
- SAFETY RESTRAINT CHECKPOINT AHEAD
- SHOULDER CLOSED
- SHOULDER DROP-OFF
- SHOULDER WORK
- SHOULDER WORK AHEAD
- SIDEWALK CLOSED
- SLIPPERY WHEN WET SYMBOL
- SLOW
- SLOW SOBRIETY CHECKPOINT AHEAD
- SOFT SHOULDER
- SPEED LIMIT XX
- SPRAYING OPERATIONS AHEAD
- STATE POLICE SAFETY CHECK
- STEEL PLATE IN ROADWAY
- STOP AHEAD
- STOP SLOW SYMBOL (FULL STAFF)
- STOP (OCTAGON)
- SURVEY CREW
- SURVEY CREW AHEAD
- SWEEPER AHEAD
- TELEPHONE WORKERS AHEAD
- TOW TRUCK AHEAD**
- TRAFFIC EMERGENCY AHEAD**
- TRAFFIC FINES DOUBLE IN WORK ZONES
- TRAFFIC FINES DOUBLED IN WORK ZONES
- TRAFFIC SURVEY AHEAD
- TRAINING EXERCISE AHEAD**
- TRANSITION LEFT SYMBOL
- TRANSITION RIGHT SYMBOL

TREE WORK AHEAD

- TRUCK CROSSING
- TRUCK SCALES AHEAD
- TRUCKS ENTERING
- TRUCKS ENTERING AND LEAVING HIGHWAY
- TRUCKS ENTERING HIGHWAY
- TRUCKS HAULING
- UNEVEN LANES
- UTILITY CONSTRUCTION AHEAD
- UTILITY WORK AHEAD
- UTILITY WORKERS AHEAD
- WATCH FOR SLOW TRAFFIC
- WATCH FOR STOPPED TRAFFIC
- WATCH FOR WATER ON ROAD
- WATER BREAK AHEAD
- WATER OVER ROAD
- WORK AREA AHEAD
- WORK ZONE BEGINS (SQUARE)
- WORKER SYMBOL
- WORKERS
- WORKERS AHEAD
- WORKERS ON ROADWAY
- YIELD (TRIANGLE)



Standard overlays attach to signs with velcro. Many other messages available on request



- Solid Non-Reflective Vinyl
- Mesh Non-Reflective
- Marathon™ Reflective
- Super Bright™ Reflective
- Diamond Grade™ Refl.

FOLD AND ROLL SIGN SYSTEM

- NCHRP 350 compatibility complies with MUTCD standards
- Ultra compact storage configuration
- Sets up in under 20 seconds
- Utilizes kick release system for quick leg deployment
- Displays 36" and 48" signs, various legends
- All aluminum and steel construction
- Dual torsion springs - a proven wind relieving system
- Features double or triple flagholder
- Telescoping aluminum legs with two position height adjustment and anti-skid foot pads

SA-RU2436MO	ROLL UP SIGN - 36" Premium Mesh - Orange (includes ribs)	each
SA-RU2436	Fold & Roll Complete Sign System - 36"	each
SA-RU2436RFO	ROLL UP SIGN - 36" Reflective Florescent Orange	each
SA-RU2448	Fold & Roll Complete Sign System 48"	each
SA-RU2448RFO	ROLL UP SIGN - 48" Reflective Florescent Orange	each

CONES / CONE CLIP

CONE CLIP SIGNS

Ideal for directing traffic in parking lots. Many standard legends available. Easy to install - Fits like a paperclip. Also, available with custom legends.



TRAFFIC CONTROL



Special Colors, Sizes etc are available



TRAFFIC CONES

- 02-18NR 18" - 3lb Cone
- 02-2807NRBB 28" - 7lb Cone
- 02-2807R2BB 28" Reflective - 2 collars - 7lb
- 02-28LR2BB 28" LIME - Reflective-2 collars - 7lb
- 02-3610NRBB 36" - 10lb Cone
- 02-3610RBB 36" Reflective - 2 collars - 10lb cone stenciling*



POP UP CONES

*Rugged Black Rubber Base, 8# weight
6" upper and 4" lower reflective cone collars
Storage bag with zipper top and carry straps*

- 02-28PU5 28" Pop Up Cones (collapsible)
pack of 5 - with bag



HEAD WEAR

We offer head wear in most all colors and styles.



PowerFlare® products provide a powerful, dynamic lighting platform for applications such as:

- Work zone safety: mount on cones or barricades
- Search & rescue (SAR) operations: tag areas and items; personal safety light; emergency response teams (ERT, CERT)
- Use as lantern in case of power failure, earthquake, hurricane or other disaster
- Attach as a safety light for bicycles and motorcycles (provides 360° coverage)
- Helicopter landing zones (LZ)
- Tactical operations (military and SWAT): infrared (IR) version available

Each PowerFlare® unit is about the size of a hockey puck yet is strong enough to withstand being run over by trucks at highway speeds



STOP AND SLOW PADDLES

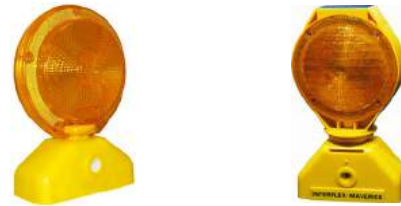
- TC-04-18EG 18" EG-Reflective - 12" handle
- TC-04-24EG 24" EG-Reflective - 12" handle
- TC-04-SSS 6' ABS Staff
- TC-04-SSTS Telescoping ABS Staff



SAFETY VESTS

- 09-V2L Class 2 Lime with Silver sizes available: med - 4xl
- TC-09-V3L Class 3 Lime with Silver sizes available med - 4xl

Personalization available



BARRICADE LIGHTS

- TC-06-FSO Sundowner - Amber Flash/Steady/Off - (Case quantities = 10)
- TC-06-SWL Solar Maverick Light - Type A/C



CAUTION TAPE

- TC-08-CAU Caution Tape 3" x 1000' roll

Additional legends available in case qty's

CHANNELIZERS

VERTICAL PANEL

Designed to maximize safety and efficiency for construction personnel

- Oversized handle with comfort grip can be picked up easily, even with light attached
- Designed to withstand repeated impacts and minimize damage to vehicles
- Recessed panel protects sheeting - 8"W x 36"H
- Gemstone side wall provides strength & durability
- Flashing light mounting receptacle
- Available in orange and white
- Recycled rubber bases with carrying handles come in two sizes: 20 lbs. and 30 lbs.
- Stackable with or without base
- NCHRP-350 Accepted, Meets MUTCD Standards
- Dimensions: 44.5"H x 15.4"W Weight: 4 lbs.

TC-03-VPD	DG 6" stripes
TC-03-VPH	HIP 6" Stripes
TC-03-VPRB20*	20 # base
TC-03-VPRB30*	30 # base



WATCHTOWER DELINEATOR

Claw handle has comfort grip - easy placement and pick-up
Caution tape quickly slides through handle

Two sizes

- 42" (52.375" with handle), 1.8 lbs.
- 28" (38.375" with handle), 1.6 lbs.

Recessed areas accept two bands of sheeting
- protects retroreflective sheeting from rips and scratches

Bright orange for visibility

Flange on bottom grabs base for tight fit

Recycled rubber bases - 8, 10, 12, and 18 lbs.

NCHRP-350 Meets MUTCD Standards

TC-03-CD42*	42" Claw Delineator
TC-03-CDB10*	10# base



DIAMOND TOP DELINEATOR

The Divertor™ is a highly visible 42" triline channelizer designed for service in a wide variety of applications. The Divertor™ is ideal for controlling traffic in areas of limited space and can be fitted with a barricade light for maximum visibility.

The Divertor™ features an easy-grip handle, allowing for easy carrying and quick positioning. The Divertor's unique design allows convenient stacking with or without the base. The Divertor™ is made of quality low-density polyethylene and can be ordered with reflective tapes and a variety of base weights.

TC-03-JBC42	42" Diamond Top Delineator w/ 2 3" HIP Bands
TC-03-JBC12B	12# Base for Diamond Top Delineator





TYPE III PLASTIC BARRICADE

Comprised of Wave Boards, Anchor Mast
Anchor Base holds 45# of sand
Comes standard with 8' reflective polyethelene boards but available in other lengths

TC03-T3PL Plastic H.I. Refl Barricade - left
TC03-T3PR Plastic H.I. Refl Barricade - right

Lights and flags sold separately

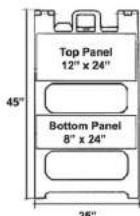


A- FRAME BARRICADE

Perfect for crowd control and road closures

Accepts only Plasticade I-Beam boards
Unique board creates a rigid barricade system and protects the sheeting
Molded hollow may weight internally with dry sand
Use with one board or two
Flashing light mounting receptacle on each leg
Stacking lugs make transportation and storage easy
Boards weigh 1 lb. per foot and are available in three lengths, (6', 8', and 10')
Plasticade A-Frame Barricades are sold as sets or as component parts

TC-03-AF6H* - A-Frame -HIP - 6" stripe w/one 6' Board
TC-03-AF8H* - A-Frame -HIP - 6" stripe w/one 6' Board



TYPE II BARRICADES

Plastic and maintenance free
Molded hollow so it can be internally ballasted with 10lbs of sand
Optional sign holder available



SIGNICADE

All Plastic Sign Frame
Holds two 24"x36" signs
We can print a custom sign messafe for you on metal, or coroplast



FLAGS & SANDBAGS

TC-10-SB-O 14"X26" Orange Sandbags
TC-05-2436RV Red Vinyl Flag 24x24 with stay

BARRELS/ BARRIERS



DRUM DOCTOR

Bang your drum inventory back into shape!

- Easy One Person operation
- Repair channelizer drums on-site
- Reshapes drum from the inside
- Simple one-person operation
- Accommodates all standard channelizer drums
- No external power required
- Quickly mounts to any std square hitch receiver
- Adjustable for various vehicle and worker heights
- Durable powder-coated high-visibility finish
- Heavy-duty steel construction

Low maintenance operation



CHANNELIZER DRUMS

Our drums are made of High Density Polyethylene (HDPE) with UV Inhibitors. Huge grab hole for quick and easy deployment and retrieval. Double reinforced bolt holes for barricade lights. Two flat, level shelves help protect the lights. In turned bottom lip much stronger than other drums. Drums are certified to be in compliance with NCHRP Part 350.

- TC-01-44HI39 Channelizer with 4-4" HI wraps
- TC-01-46Tp639 Channelizer with 4-6" TpVI(DG) wraps
- TC-01--TR Tire Ring Ballast- 25#



CROWD CONTROL BARRICADE

FEATURES & BENEFITS

Support feet close inward allowing barricades to nest and stack flat

Barricades interlock to form a continuous wall

Superior strength to weight ratio when compared to steel

Built-in molded inserts hold flags or anchoring posts

One-year manufacturing defect warranty

Designed to last a minimum of eight years

42" x 96"

Empty weight 33 lb

Full weight 58 lbs

Optional signs are 28.5 x 36 and are attached with 4 bolts



AR 10x10X96

Low Profile Airport Barricade
19 lbs. empty, 270 lbs. full .20" thick high density.

Our ultra low pile barricades mark off hazardous construction zones. Since they are made from non conductive material they will not spark if struck by a metal object.

Jet Blast resistant - Requires no additional hardware or parts - CO1 lights screw directly into barricade. Easy to install and breakdown



AIRPORT FLAG 20X20

Height: 32"
Flag: 20" W x 20"H
Color: Orange
Dowel: Fiberglass



AIRPORT FLAG 36X36

•Durable 36" x 36" sewn nylon flag (not simply printed squares) with a 50" wooden staff INCLUDED- Alternating 12" x 12" international orange and white squares



AIRPORT MARKING MATERIALS

We sell Federal Spec Airport Paint and Federal Spec Airport Beads



AIRFIELD 360 DEGREE RED SOLAR LIGHT

Our custom-manufactured lights save time as they are so easy to install. Our Patent Pending modular threaded base screws into most of our barricade models without the use of bolts, nuts, or other hardware eliminating FOD. Photo Cell Turns on when the ambient light falls below 60 lux. Our model CO1 comes in solar powered flashing, solar powered steady burning, and a battery powered flashing designs, all with the capability to change batteries.



A750 AIRPORT MARKER

Meets Federal specifications for airport applications
Height: 14", 19", 24", 30", 36"
Anchor: Surface Mount
The Flexstake A750 Series is a tubular surface mount delineator designed for airport usage.

1. Post
2. Inner-core and hinge
3. Round base, 8 inch
4. Pin (pin can be quick release of straight)

Also available in soil mount



AIRPORT RUNWAY MARKER

The Hali-Brite LED Runway Closure Marker is an effective and efficient method of warning pilots of closed runways and taxiways. A diesel engine powers 20 spotlights that form an illuminated "X" that can be seen as far as 25 miles. The trailer-mounted unit is easily towed behind a vehicle.

BALLOON LIGHTS

Anywhere you need more light, Airstar Safety Lighting really shines.

- Glare-free light increases the personal safety of night-time road work crews and drivers.
- Airstar lights emit high-wattage, 360-degree and shadow-free light.
- Lightweight and extremely mobile, the units take up very little ground space.
- Resistant to most inclement weather.
- The self-inflating "envelopes" are easy to set up and are immediately operational.



**CONSTRUCTION
FIRST RESPONDERS
EMERGENCY
EVENT LIGHTING**

- Fast set up and tear down.
- Their light weight makes moving them easy.
- Self-inflating, immediately operational and space efficient.
- High-wattage, 360-degree, glare-free coverage.
- Resistant to inclement weather and high winds

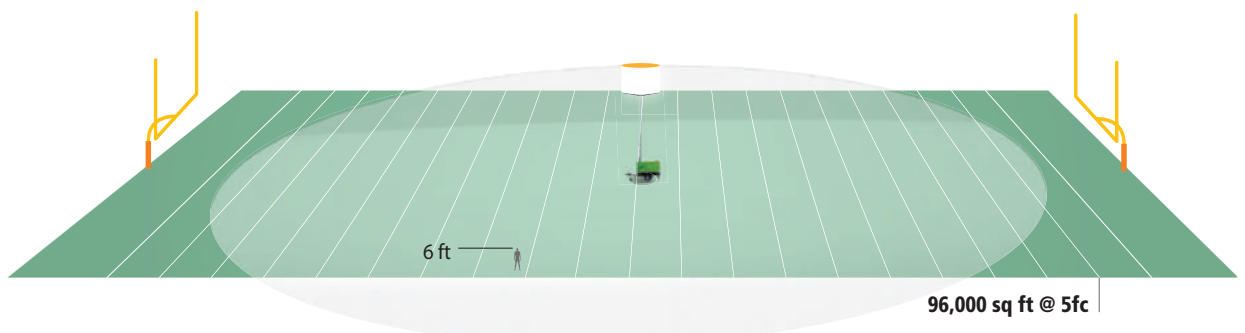
Also available...

4000W Light Tower with Generator or Retrofit your existing system!

Your Lighting Tower. Evolved. When you look for huge amounts of light, you look to lighting towers. The 4K Flex takes your lighting tower to a new level, allowing you to retrofit your current outdated tower with high-quality glare-free 360° light. One kit effectively replaces up to three traditional lighting towers, covering extremely large areas with usable light, while reducing the eye fatigue of your crew.



Lighting chart



FREE!
Free modem & lifetime data plan comes standard on message boards & arrowboards

MESSAGE BOARDS & ARROW BOARDS



SILENT MESSENGER I Full Size PCMS

Panel Size: 126" x 76" 27x48 pixels 2.6 in. pitch
Solar Array: 150W
Batteries: Four (4) 6-Volt Heavy-Duty, Deep-Cycle (GC-2)
Battery Charger: 30 Amp output (115 VAC 50/60 Hz Input)
Height (transporting position): 103"
Height (operating position): 162"
Weight: 2,400 lbs.. (min) - 2,960 lbs. (max)



SILENT MESSENGER II Portable, Dynamic Message Sign

Panel Size: 92" x 54" - 27x48 pixels 1.75 in. pitch
Solar Array: 150W
Batteries: Four (4) 6-Volt Heavy-Duty, Deep-Cycle (GC-2)
Battery Charger: 30 Amp output (115 VAC 50/60 Hz Input)
Height (transporting position): 92"
Height (operating position): 142"
Weight: 1,560 lbs. (min) - 1,960 (max)



SILENT MESSENGER III Portable, Dynamic Message Sign

Panel Size: 80" x 47.5" - 27x48 pixels 1.5 in. pitch
Solar Array: 150W
Batteries: Four (4) 6-Volt Heavy-Duty, Deep-Cycle (GC-2)
Battery Charger: 30 Amp output (115 VAC 50/60 Hz Input)
Height (transporting position): 92" (234cm)
Height (operating position): 142" (360cm)
Weight: 1,560 lbs.(min) - 1,960 lbs. (max)
Optional Radar Available

EQUIPMENT



SILENT MESSENGER IV Smallest NTCIP Compliant Solar Powered Portable Changeable Message Sign Available!

Panel Size A: 60"x30" - 16x36 pixels / 32x72
Panel Size B: 78"x30" - 16x48 pixels / 32x96
Panel Size C: 78"x33 - 18x48 pixels
Pixel Size: 1.5"x1.5" / 0.75" x 0.75"
Solar Array: 85W
Batteries: Two (2) 6-Volt Heavy-Duty, Deep-Cycle (GC-2)
Battery Charger: 30 Amp output (115 VAC 50/60 Hz Input)
Height (transporting position): 90"
Height (operating position): 129"
Weight: 1,100 lbs. approx
Optional Radar Available



ADVANCED WARNING PANELS 15 LIGHT OR 25 LIGHT

Length Overall - 100"
Width Overall - 96"
Height Traveling - 92"
Height Operating - 134"
Weight - 1,180 lbs.



VEHICLE MOUNT ADVANCED WARNING PANELS

15 LIGHT OR 25 LIGHT
Type B Panel - 30" x 60"
Type B Panel - 36" x 72"
Type C Panel - 48" x 96"

DISPLAY TYPE - 15 or 25 Lamps Type B or Type C
MOUNTS - Multiple mounting options (universal, pivoting and skid) (more)
INSTALLATION KITS - Self-contained portable or integrated, in-cab controls
LIFTS - Manual or powered
BATTERY PACKS - Auxiliary battery pack (300/600 AH) Lead Acid or Gel-Cell
BATTERY CHARGER - 30 Amp 115/230 Volt
SOLAR POWER KITS - 50 W

SAFETY PRODUCTS



ABSORB 350

No ground anchoring, the largest selection of transitions and modular technology allow the ABSORB 350 Anchorless Crash Cushion to be used in multiple speed conditions. At 24" wide, it is ideal for narrow areas where road and work zone space is limited. This crash cushion is easy to restore after an impact because it uses uniform modular components



TAU – II CRASH CUSHION

Ease of installation, numerous transition options, low maintenance requirements, and reusability of system components make the TAU-II Crash Cushion ideal for shielding portable concrete barrier. The TAU-II can be installed temporarily on asphalt or concrete



ARMORGUARD MOVEABLE STEEL BARRIER

The ArmorGuard Moveable Steel Barrier is designed for work zones where maximum portability and positive protection is needed. The steel barrier system is available in 28' sections. The ArmorGuard Barrier System can be quickly and easily opened and positioned without the need for heavy equipment.



U-MAD TRAILER MOUNTED ATTENUATORS

The U-MAD® Trailer TMA features a reusable trailer that only requires replacement of a standard U-MAD TMA cartridge after design impacts. The U-MAD Trailer TMA has been engineered to capture an errant vehicle during a design impact and keeps both the impacted and impacting vehicles in the same traveling lane.



TAU –II R CRASH CUSHION

Ease of installation, numerous transition options, low maintenance requirements, and reusability of system components make the TAU-II Crash Cushion ideal for treating most roadside hazards. The TAU-II Impact Attenuator has only 21 anchor points for concrete installation. This reduces installation time and limits worker exposure during installation.

RADAR SIGNS



The Traffic Logix SafePace 100 is the radar sign that fits your budget. This compact radar speed sign offers exceptional visibility and power efficiency in a lightweight, portable solution. Featuring the options you need at remarkably affordable pricing, the SafePace 100 is the sign you'll want to use again and again to keep local roads safe.




Ask us about the new cloud connectivity











Features

- Affordable: SafePace 100 is an ideal entry point to radar speed signs
- Portable: At just over 20 lbs., the lightweight sign is quick and simple to transport and can be mounted in minutes.
- Optimal Visibility: Unique light enhancing, anti-glare lens system provides brilliant visibility even in poor lighting conditions.
- User-friendly software interface - easy to use software lets you set parameters such as speed limit, range of operation, and brightness or power optimization.
- On-Sign Programming: commonly used settings, such as threshold speeds for range of operation, and brightness or power optimization.
- Vandalism Resistant: with a 1/4" durable aluminum protective cover and individual optical

EQUIPMENT



COMPARISON CHART

										
	SafePace 100	SafePace 250	SafePace 450	SafePace 475	SafePace 550	SafePace 600	SafePace 625	SafePace 650	SafePace 700	SafePace 800
Digit Size	11"	12"	15"	18"	15"	15"	15"	15"	18"	18"
Weight	21 lbs	24 lbs (no batteries and faceplate)	25 lbs (no batteries and faceplate)	42 lbs (without batteries)	24 lbs (no batteries and faceplate)	55 lbs	24 lbs	24 lbs	55 lbs	55 lbs
24/7, 365 Scheduling	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Data Collection	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Solar Compatibility	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Battery Operated	✓	✓	✓	✓	✓		✓	✓		
Universal Mounting	✓	✓	✓	✓	✓		✓	✓		
Cloud Compatibility	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Trailer Compatibility	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dolly Compatibility	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hitch Compatibility	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Warranty	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years

THERMOPLASTIC MACHINES

MODEL CH360M

THERMOLAZER 200TC

Graco changed the world of thermoplastic striping with the ThermoLazer Striping System, and we've done it again with the new ThermoLazer 200TC. The premiere solution for smaller thermoplastic striping jobs. The FlexDie is built with the same precision and functionality as its big brother, the SmartDie II. Solid steel construction, built-in die adjustment and direct flames will give you great lines every time.

The smaller, more portable ThermoLazer 200tc (200 lb) is ideal for striping contractors who already have premelt kettle systems

- 360 lb. Material Tank Capacity is removable &
- Interchangeable for quick color changes.
- All Steel Extrusion Dies forged from heat treated steel, not aluminum. Improved push/pull mechanism eliminates die springs.
- Variable Width Glass Bead System available in 4", 6", 8", 12", dual 4" & 6" bead widths.
- Optional thermostat system available for added temperature control and safety
- Lightweight
- Material tank is easily removed for quick change of colors
- Optional bituminous tank- Change materials in seconds
- The functionality of the CH360M eliminates the need for two machines



BITUMEN MACHINES

MODEL 50150

- 65lb (30kg) capacity
- One discharge valve on right side of kettle (optional 2nd discharge valve on left side of kettle available)
- One 250,000 BTU burner controlled by a regulating needle valve (optional thermostat control available)
- LP bottle cage supports 25-40 lb. tanks
- All steel frame and kettle
- Frame is protected by a durable epoxy paint
- Two rear swivel wheels for maneuverability
- Lightweight - 90 lbs. (40kg)



MODEL RBM300

- 300 lb (136kg) capacity
- Discharge valves on both sides of the kettle
- One 25,000 BTU burner system features a safety pilot valve and automatic thermostat
- LP bottle cage allows use with 25-40 lb tanks
- Rugged epoxy coated steel frame will provide years of service in tough job sight conditions
- All steel kettle will endure while the heavy steel tank walls stabilizes temperature offering better material uniformity and application
- Lightweight workhorse at only 300 lb (136kg)



The **720e** thermoplastic melter is an all-new product for those requiring a smaller packaged thermoplastic melter. This unique combination of thermoplastic capacity and low investment cost, makes the 720e one of the lowest cost per pound values of any available melter. A great economic value.

- The 720-pound thick walled steel tank is insulated and features hydraulic agitation. Quick access burner quickly drops down to encourage and simplify burner maintenance for optimum efficiency over the lifetime.
- Minimized “footprint” (42” x 48”) and reduced “empty” weight (1098 pounds) allow the 720e to be used in a greater variety of vehicles/trailers.
- Reliable, accurate and simple thermostat provides a safer environment and manages the temperatures accurately.
- Oversized hydraulic motor blends earlier to heat faster
- Automatic agitation blends material while you work.



MODEL 2T SERIES

The 2T series offers the ability to adapt to any transport option needed. 20’ Power cords, LP hoses and hydraulic hoses allow LP bottles, power-pack, and premelter to be mounted independently for added safety and versatility.

Standard features include:

- Automatic spark ignition systems allowing burners to be ignited with simple switch
- Material feed doors designed to prevent injury to operator from splash.
- Hydraulic and LP hoses connect and disconnect instantly without leakage
- Burner ring slides out on rack. allowing for easy service of jet burners



TP1500 Thermoplastic Melter is the heavy-duty contractor solution capable of supplying multiple thermoplastic applicators. TP1500 Packages are available for truck mount OR trailer mount complete with a 360M handliner and storage area for pallet(s) of thermoplastic. The burner system is controlled by a solid state, electronic thermostat. The TP1500’s combination of reduced heat-up time, the numerous safety features, and Trantex high quality ensures operators are safe and have high production capability for many years.

Standard Trailer Features Include:

- Four LP Bottle Racks
- Propane or diesel powered
- Handliner Loading Ramp
- Safety loading doors
- Direct fire or oil jacketed



Bitumen Applicator Trailer 2001

Streamline the back breaking work and increase productivity of reflective marker application with the Downing Model 2001 Bituminous applicator/Ride-On. Time spent applying markers will be done in a fraction of the time you will spend pushing a walk behind cart, saving you time and money.

Simply hook the unit up to your pick up truck, load the trailer up with markers and go. While seated, you will have access to your markers, a bitumen dispensing wand, a foot pedal to actuate flow, and the pavement easily within reach. The unit is fully self contained allowing traffic flow in adjacent lanes while applying markers.

Optional second Operator’s station available.



- Solid state controller with LED display
- Power agitation
- Optional electric start
- 39 Gallon steel material tank
- Left front fold down seat
- All pipe flow line with 18” travel
- Foot flow control switch
- Locking battery box

GrindLazer Specifications

	HANDHELD SERIES		STANDARD SERIES	
Unit Model	GrindLazer Standard DC21 E	GrindLazer Standard RC71 E	GrindLazer Standard DC87 G	GrindLazer Standard DC89 G
PART NUMBER	25M841	25M848	25M842	25M843
CUTTER TYPE	Drum	Rotary	Drum	Drum
MAX WORKING WIDTH	2 in	7 in	8 in	8 in
CUTTER DRUM DIAMETER	4 in	N/A	5 in	5 in
ENGINE/MOTOR	110V Makita	110 V Makita	6.5 HP Honda	9 HP Honda
ENGINE START	N/A	N/A	Pull Start	Pull Start
AIR FILTER	N/A	N/A	Cyclone	Cyclone
TACH/HOUR METER	NO	NO	YES	YES
MAX CUT RATE (WALK)	100 sq ft/hr	100 sq ft/hr	300 sq ft/hr	400 sq ft/hr
MAX CUT RATE (LINEDRIVER)	N/A	N/A	N/A	N/A
LINEDRIVER COMPATIBLE	NO	NO	NO	NO
VACUUM PORT	YES	YES	YES	YES
WATER CONNECTION	NO	NO	Optional	Optional
APPLICATIONS	<ul style="list-style-type: none"> • Touch-Ups • Edge Work • Walls 		<ul style="list-style-type: none"> • Traffic Paint Removal • Thermoplastic Removal • Smoothing Uneven Surfaces 	

	VACUUMS			SEPARATORS	
Unit Model	LazerVac 230	LazerVac 330	LazerVac 550	Cyclone 20 Separator	Cyclone 32 Separator
PART NUMBER	25M858	25B026	25M860	25M861	25M862
AIR POWER	925 Air-Watts	1,665 Air-Watts	2,045 Air-Watts		
AIR FLOW	260 CFM	375 CFM	300 CFM		
VACUUM PRESSURE	90" Water	100" Water	150" Water		
CAPACITY	20 gal	20 gal	20 meter-long bag	20 gal	32 gal
ENGINE/MOTOR	2.0 HP, 110V	3.0 HP, 230V	13 HP Honda		



PRO SERIES		HIGH PRODUCTION SERIES		
GrindLazer Pro DC1013 G	GrindLazer Pro RC813 G	GrindLazer HP DC89 G	GrindLazer HP DC1013 G	GrindLazer HP DC1021 G
25M846	25M847	25M992	25M993	25M994
Drum	Rotary	Drum	Drum	Drum, Reverse Cut
10 in	8 in	8 in	10 in	10 in
7 in	N/A	7 in	7 in	7 in
13 HP Honda	13 HP Honda	9 HP Honda	13 HP Honda	21 HP Vanguard
Pull Start	Electric Start	ProStart	ProStart	Electric Start
Cyclone	Standard	Cyclone	Cyclone	Donaldson® Heavy-Duty
YES	YES	YES	YES	YES
700 sq ft/hr	800 sq ft/hr	600 sq ft/hr	800 sq ft/hr	N/A
N/A	1,400 sq ft/hr	1,300 sq ft/hr	1,700 sq ft/hr	2,100 sq ft/hr
NO	NO	Optional	Optional	Required
YES	YES	YES	YES	YES
Optional	NO	Optional	Optional	Optional
<ul style="list-style-type: none"> • Traffic Paint Removal • Thermoplastic Removal • Smoothing Uneven Surfaces • Epoxy Removal • Inlay Grooving (requires High Speed Pulley Kit - 25M893) 		<ul style="list-style-type: none"> • Traffic Paint Removal • Thermoplastic Removal • Smoothing Uneven Surfaces 	<ul style="list-style-type: none"> • Traffic Paint Removal • Thermoplastic Removal • Smoothing Uneven Surfaces • Epoxy Removal 	<ul style="list-style-type: none"> • Traffic Paint Removal • Thermoplastic Removal • Smoothing Uneven Surfaces • Epoxy Removal • Inlay Grooving



Unit Model	LineDriver	LineDriver HD
PART NUMBER	262004	262005
OPERATING SPEED: FORWARD MPH (KM/H) REVERSE MPH (KM/H)	to 10 (16) to 6 (10)	to 10 (16) to 6 (10)
ENGINE SIZE CC (HP)	Honda 160 (5.5)	Honda 200 (6.5)
WEIGHT LB (KG)	265 (120)	275 (125)
FUEL CAPACITY GAL (LTRS)	.95 (3.6)	.95 (3.6)
ENGINE STARTING SYSTEM	Manual Pull	ProStart



RoadLazer RoadPak System

Modular, One Person Operation Road Striping System

Tackle the tough jobs you've wanted to do with this more compact, simpler, and highly productive RoadLazer RoadPak System.

RoadLazer RoadPak System is a hydraulic striping system built for the professional road striping contractor. With the RoadPak airless striping system you can achieve extremely accurate lines at highly productive speeds - up to 10 mph (16 km/h).

Product highlights:

- 8 Ready to stripe RoadLazer RoadPak Systems
- Modular striping system offers unlimited striping possibilities
- 1 or 2 pump RoadPak for superior performance and crisp, clean stripes
- Optional RoadView Camera System for optimum forward viewing and alignment from the cab for one person striping



RoadLazer RoadPak Tow-Behind System

The new RoadLazer RoadPak Tow-Behind System provides more room for hauling paint and beads in the truck bed during the striping season, and truck independence throughout the off-season, with focus around simple and convenient set-up, operation, transportation, and storing of the system.

- 4 Ready to stripe RoadLazer RoadPak Tow-Behind Systems
- Modular striping system offers unlimited striping possibilities
- 1 or 2 pump RoadPak for superior performance and crisp, clean stripes
- Optional RoadView Camera System for optimum forward viewing and alignment from the cab for one person striping

LineLazer Specifications

	LineLazer ES 1000	LineLazer 3400	LineLazer 130HS	LineLazer V 3900	
SPECIFICATIONS	Maximum Tip Size	0.025	0.027	0.037	0.036
	Maximum psi (bar)	3300 (227)	3300 (227)	3300 (227)	3300 (227)
	Maximum gpm (lpm)	0.60 (2.3)	0.75 (2.8)	1.30 (4.9)	1.25 (4.7)
	Applications	Turf & Pavement	Turf & Pavement	Turf & Pavement	Turf & Pavement
	Honda GX Engine cc (hp)	N/A	120 (4.0)	120 (4.0)	120 (4.0)
	Weight lb (kg)	340 (154) - p/n 25M226 410 (186) - p/n 25M315	160 (73)	263 (119)	230 (104) Standard Unit 240 (109) HP Automatic Units
	Gun Support:				
1 Gun	0.025	0.027	0.037	0.036	
2 Guns	0.019	—	0.029	0.025	
3 Guns	—	—	—	—	
4 Guns	—	—	—	—	
5 Guns	—	—	—	—	



SERIES TYPE		EPOWER	STANDARD	STANDARD	STANDARD	HP AUTOMATIC			
MODEL	Part Number	25M226 – 1 Battery 25M315 – 2 Battery	25M224	17H448	17H450	17H452	17H453	17U804	17U805
	Gun(s)	Flex Plus	Flex Plus	Flex Plus	FlexPlus 2 Manual	FlexPlus 1 Automatic, 1 Manual	Flex Plus 2 Automatic	FlexPlus 1 Automatic, 1 Manual	Flex Plus 2 Automatic
PUMP	Hose	1/4 in x 50 ft (6.4 mm x 15 m) BlueMax II Airless	1/4 in x 50 ft (6.4 mm x 15 m) BlueMax II Airless	3/8 in x 22 ft (9.5 mm x 6.7 m) BlueMax II Airless	3/8 in x 50 ft (9.5 mm x 15 m) BlueMax II Airless				
	Laser					LazerGuide 1700 Start/Stop Laser			
	Laser							LazerGuide 2000 Laser-Guided Layout System	
	SwitchTip	LineLazer RAC 5	LineLazer RAC 5	LineLazer RAC 5	LineLazer RAC 5				
	Easy Out Filter	60 Mesh	60 Mesh	50 Mesh	50 Mesh				
	Type	ProConnect	QuikChange System	QuikChange System	QuikChange System				
TRACKING FUEL TANK	Intake	QuikAccess	QuikAccess	QuikAccess	QuikAccess				
	Rod	Chromex	Chromex	Chromex	Chromex				
	Cylinder	Hardened SST	Hardened SST	Hardened SST	Hardened Stainless Steel				
	Packings	V-Max Blue	V-Max Blue	V-Max Blue	V-Max Blue				
Tracking System	N/A	N/A	N/A	SmartControl					
Fuel Capacity gal (ltrs)	N/A	0.66 (2.5)	0.66 (2.5)	0.66 (2.5)					

LineDriver Specifications

	LineDriver	LineDriver HD	
MODEL	Part Number	262004	262005
SPECIFICATIONS	Operating Speed: Forward mph (km/h) Reverse mph (km/h)	to 10 (16) to 6 (10)	to 10 (16) to 6 (10)
	Honda GX Engine Size cc (hp)	160 (5.5)	200 (6.5)
	Weight lb (kg)	265 (120)	275 (125)
	Fuel Capacity gal (ltr)	.95 (3.6)	.95 (3.6)
	Engine Starting System	Manual Pull	ProStart



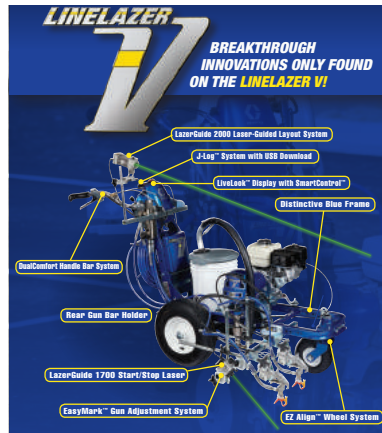
Transafe stocks most common replacement parts for your Graco machines. We are a Graco authorized repair center. Please call us for all your Graco needs!

EQUIPMENT

LineLazer V 5900	LineLazer V 200hs
0.043	0.047
3300 (227)	3300 (227)
1.60 (6.0)	2.15 (8.14)
Turf & Pavement	Turf & Pavement
160 (5.5)	200 (6.5)
250 (113) Standard Unit 266 (121) HP Automatic Units	306 (139) Standard Unit 322 (146) HP Automatic Units 417 (153) HP Reflective Unit with Pressure Bead System-1 Tank
0.043 0.029 — —	0.047 0.034 — —



STANDARD	HP AUTOMATIC				STANDARD	HP AUTOMATIC	
17H455	17H457	17H458	17U802	17U803	17H461	17H463	17H464
Flex Plus 2 Manual	Flex Plus 1 Automatic, 1 Manual	Flex Plus 2 Automatic	Flex Plus 1 Automatic, 1 Manual	Flex Plus 2 Automatic	Flex Plus 2 Manual	Flex Plus 1 Automatic, 1 Manual	Flex Plus 2 Automatic
3/8 in x 50 ft (9.5 mm x 15 m) BlueMax II Airless					3/8 in x 22 ft (9.5 mm x 6.7 m) BlueMax II Airless		
LazerGuide 1700 Start/Stop Laser					LazerGuide 1700 Start/Stop Laser		
LazerGuide 2000 Laser-Guided Layout System					LazerGuide 2000 Laser-Guided Layout System		
LineLazer RAC 5					LineLazer RAC 5		
50 Mesh					50 Mesh		
QuikChange System					QuikChange System		
QuikAccess					QuikAccess		
Chromex					Chromex		
Hardened Stainless Steel					Hardened Stainless Steel		
V-Max Blue					V-Max Blue		
SmartControl					SmartControl		
0.95 (3.6)					0.95 (3.6)		



LineLazer RAC 5 SwitchTip Spray Tips

Graco's complete line of LineLazer SwitchTip spray tips have the right tip for all your striping needs.



LINE WIDTH INCHES (mm)	ORIFICE SIZE - INCHES													
	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.039	.043
2-4 (51-102)	213	215	217	219										
4-6 (102-152)		315	317	319	321	323	325	327	329	331	333	335	339	343
4-8 (102-204)			417	419	421	423	425	427	429	431		435	439	443
8-12 (204-305)					621	623	625	627	629	631		635	639	643
Flow Rate (gpm)	.18	.24	.31	.38	.47	.57	.67	.77	.90	1.03	1.17	1.31	1.63	1.98
Flow Rate (lpm)	.69	.91	1.17	1.47	1.79	2.15	2.54	2.96	3.42	3.90	4.42	4.98	6.18	7.51

LineLazer V 250sps	LineLazer V 250dc
0.055	0.055
3300 (227)	3300 (227)
2.50 (9.5)	2.50 (9.5)
Turf & Pavement	Turf & Pavement
390 (13.0) Electric Start	390 (13.0) Electric Start
666 (302) HP Automatic Units 778 (352) HP Reflective Unit with Pressure Bead System-2 Tanks	752 (341) HP Automatic Units 864 (392) HP Reflective Units with Pressure Bead System-2 Tanks
0.055 0.039 0.031 0.025 0.021	0.055 0.039 0.031 0.025 0.021



HP REFLECTIVE	HP AUTOMATIC	HP REFLECTIVE				HP AUTOMATIC		HP REFLECTIVE			
17H465	17H467	17J951	17H469	25D345	25D340	17H471	17H472	17H473	17H474	25D343	25D344
Flex Plus 2 Automatic, PBS INSTALLED 1 TANK	Flex Plus 2 Automatic	Flex Plus 2 Automatic, PBS INSTALLED 1 TANK	Flex Plus 2 Automatic, PBS INSTALLED 2 TANKS	Flex Plus 2 Automatic, PBS INSTALLED 1 TANK	Flex Plus 2 Automatic, PBS INSTALLED 2 TANKS	Flex Plus 3 Automatic	Flex Plus 3 Automatic	Flex Plus 2 Automatic, PBS INSTALLED 2 TANKS	Flex Plus 3 Automatic, PBS INSTALLED 2 TANKS	Flex Plus 2 Automatic, PBS INSTALLED 2 TANKS	Flex Plus 3 Automatic, PBS INSTALLED 2 TANKS
3/8 in x 12 ft (9.5 mm x 6.7 m) BlueMax II Airless						3/8 in X 12 ft 2X (9.5 mm x 3.7 m) BlueMax II Airless					
LazerGuide 3000 Long-Line Laser						LazerGuide 3000 Long-Line Laser					
LineLazer RAC 5						LineLazer RAC 5					
50 Mesh						50 Mesh					
QuikChange System						QuikChange System					
QuikAccess						QuikAccess					
Chromex						Chromex					
Hardened Stainless Steel						Hardened Stainless Steel					
V-Max Blue						V-Max Blue					
SmartControl						SmartControl					
1.40 (5.3)						1.40 (5.3)					



LAZERGUIDE 3000 LONG-LINE LASER

Replace your clunky mechanical pointer with the LazerGuide 3000 Long-Line Laser and achieve laser straight lines with ease. Ideal for airports, roads, large intersections, or anywhere a straight line is needed.



**LESS SET UP TIME—
MORE STRIPING PROFIT**

The LazerGuide 2000 Laser-Guided Layout System **ELIMINATES TEDIOUS MANUAL LAYOUT WORK WHILE PRODUCING LASER QUALITY LINES EVERY TIME.** This industry-leading technology produces a laser reference line that when paired with the Graco AutoLayout™ II system, eliminates the need for tape measures, string, chalk and a second person—reducing your setup time and cutting labor costs.



**LAZERGUIDE 3000
LONG-LINE LASER FOR:**

- ▶ LineLazer V 250DC & 250SPS 17T542
- ▶ LineLazer V 5900 HP Automatic & 200HS HP Automatic/HP Reflective 17V405

THERMOLAZERS



THERMOLAZER 200TC

Portable and easy to use - perfect for smaller thermoplastic jobs

- FlexDie - Delivers excellent line quality with exclusive deep-die, all steel construction and a no-tools change out design
- 200 lb/90 kg Material Kettle - Easy-to-fill cylindrical kettle allows for precise heating of thermoplastic material, and its no-tool change-out design lets you switch colors fast
- 40 lb/18 kg Bead Hopper - Perfectly matched to the material kettle with a superior flow design
- Direct Heat System - Direct flames and an on-board hand torch deliver maximum heat, resulting in maximum material flow
- Tri-Wheel System - Dual solid front and single solid rear wheels provide smooth, quiet operation
- Adjustable Operator Handle - Handle easily adjusts to multiple heights
- Adjustable Front Pointer - Easily adjusts for all size dies for following all marks and creating straight lines
- Bead Dispenser - up to 12.5-in /30 cm dispenser, and 1-inch /2.5 cm increments allow you to "dial-in" the bead drop rate

THERMOLAZER 300TC

Easy to maneuver and extremely productive with a 300 lb material kettle allowing for more striping time

- EasyGlide Wheel Mount System - Front mounted caster along with dual rear pneumatic air-filled tires makes handling safe & easy
- Tri-Flame Die Heat System - Reliable, safe system to keep die ready to use
- Bead Dispense System - No-tool system allows fast and easy line width changes
- Split Bead Hopper System - Split hopper holds over 90 lb of beads -Simple conversion to double drop bead system with optional kit
- FatTrack Front Swivel Wheel -Proven front caster wheel system makes turning fast and easy
- Maneuver curves better -No need to "muscle" it while moving

THERMOLAZER PROMELT

Patent Pending System - the world's first fast melt on-board thermoplastic striper. Imagine melting 300 lbs. of thermoplastic material in less than an hour!

- QuadMelt System - Four chamber system can melt 300 lbs. of material in less than 1 Hour.
- ControlFlow System - Precise material flow control with a squeeze of a lever.
- SplitBead Hopper - Holds over 90 lbs. (40 kg) of reflective glass beads.
- SmartDie II System - Now use with or without heat for all weather conditions. Floats with the surface.
- EasyGlide System - First thermoplastic line striper with dual rear wheels and Fat Track Front Swivel for smooth LineLazer-like handling.
- SmoothRide Tires - High-load pneumatic tires provide excellent maneuverability and less rolling resistance.
- Optional Double-Bead Drop System Kit: installs in minutes for superior retroreflectivity.

Part Number	Hopper Size	Hopper Chamber	Melt Time for 300 lb.	Main Burners	Dies Available
24U282 Thermolazer 200tc	200 Lb.	Single	4-4.5 hours without premelt system	30,000 BTU	Flex Die
258699 Thermolazer 300tc	300 Lb.	Single	4 - 4.5 hours without premelt system	30,000 BTU	Smart Die II
24H623 Thermolazer Promelt	300 Lb.	Quad Melt	Less than 1 hour	100,000 BTU	Smard Die II

SQ2® PORTABLE TRAFFIC CONTROL SYSTEM WITH SOLAR ASSIST

Take the danger out of Flaggering with a Full Matrix Portable Traffic Signal System

Available
for Sale and
Rental



SQ2

SPECIFICATIONS

Signal Carts per System - 4
Signal Heads per Cart - 1
Lamp Type 12" (300 mm) diameter LED
Power Source 12V / (2) 12V batteries
Height: Operating Position 96"
Cart Footprint 31 x 25.5"
Cart Weight 420 lb.

NCHRP 350 TL-3 ACCEPTED MOBILE TRAFFIC SIGNAL

The SQ2 Portable Traffic Signal System has been designed and tested for fast, efficient deployment without sacrificing quality, versatility or safety. The full matrix operating system features an integrated conflict monitor, programming storage and is actuation ready. The operating system is software-based and conforms to the NEMA performance standards. Failsafe programming is accomplished easily and features fixed time, actuated or manual modes. The NCHRP 350 TL-3 accepted SQ2 System is ideal for daily or short term traffic control applications. It provides increased work zone safety while maximizing traffic flow.

SQ2 SYSTEM FEATURES

- Full matrix operating system
- Bulletproof 900 MHZ radio communication option
- True green time extensions
- Manual, fixed time, & traffic actuated operation mode options
- Wireless remote operation mode option
- Work zone indication light to provide visual cues
- Fast, efficient deployment and relocation
- Fully MUTCD and NCHRP 350 compliant
- Integrated conflict monitoring

SQ2 AVAILABLE OPTIONS

Solar Charging & Outrigger Package - Traffic Actuators - Pedestrian Crosswalk Signals
 Advanced Remote Monitoring System - Back Plates Flagger/Pilot Car Module - Transport Trailer

SQ3® PORTABLE TRAFFIC CONTROL SYSTEM WITH SOLAR ASSIST

TRAILER TOWABLE PORTABLE TRAFFIC SIGNAL WITH SOLAR ASSIST

The SQ3TS Portable Traffic Signal System combines fast efficient setup with highly reliable performance. The multitude of modular add-on components makes the SQ3TS the most versatile portable traffic signal system available today. The SQ3TS is the smart choice for a wide variety of short and long term traffic control applications. From a simple one lane bridge repair project to complete intersection control, the SQ3TS has the attributes to provide safe efficient traffic control.

SQ3TS SYSTEM FEATURES

- Bulletproof 900 MHZ radio communication
- True green time extensions
- Conflict monitoring
- Fast efficient setup
- Tandem tow signal trailers
- Highly visible 12" (30.5 cm) LED lights
- Adjustable overhead mast arm
- 180° rotating signal heads
- Fixed time, traffic actuated and manual operation options
- Controls up to seven traffic phases with eight signals
- Battery powered with solar & 110 volt charging

SQ3

SPECIFICATIONS

Signal Lamp - 12" diameter LED
Signal Arm Extension - 68 to 109"
Solar Charge - 440W min
Power Source - 12V / (16) 6V batteries
Tow Height - 89"
Trailer Width - 85"
Trailer Weight - 3000 lb.



SQ3 AVAILABLE OPTIONS

GPS Monitoring - Interface Module - Pre-emption System - Back Plates
 Traffic Actuators - Flagger/Pilot Car Module

POST DRIVERS/ BREAKERS/SAWS

MULTI-PRO XA GAS POWERED DRIVER

The Multi-Pro™ XA Gas Post Driver is the most versatile driver in the Rhino™ Pro-Series line of gas post drivers. Ideal for sign installers because of its extended anvil and longer Chuck-Lok. From u-channel, square or round posts the Multi-Pro™ XA can be adapted to handle a wide range of post diameters and materials without needing to change the anvil. Only a chuck change is required depending on the type of post installation.

- Comes standard with Rhino™ Extended Anvil and Longer 2.5" ID Master Chuck
- Includes Rhino™ Chuck-Lok™ 1", 1 – 3/4", 2" Adapters
- Rhino™ Tension-Grip crankcase cover provides tool-free removal for ease of lubricant application
- Quick change chuck is designed to receive the Chuck-Lok™ Adapter System and be quickly removed when changing accessories
- Two-piece adapter design allows quick removal of driver from the post
- Equipped with Rhino's CIS™ Vibration Dampening
- Padded grip for handling comfort
- Powered by Honda™ GX35 4-Stroke Engine
- Shock resistant heat-treated steel components
- High-grade virgin aluminum cast body
- Double sided, sealed bearings on all rotating parts
- Removable bottom handle
- Made in the U.S.A.
- Rhino Lifetime Impact Warranty. See warranty statement for details



POST DRIVER CART

Lighten up your load with the Post Driver Cart. Adaptable to work with any of the Rhino Pro Series Drivers.

- Secure Post Drive Transport
- Mobility to and from job sites
- Canvas bag attached provides storage for Driver manuals and adaptors
- Zinc plated for corrosion resistance
- Quick and easy assembly



HYDRAULIC CUT-OFF SAWS

HCS Saws have hydraulic direct drive power to maintain constant cutting speeds and torque without belts, pulley, excessive noise or exhaust fumes. Plus, Rhino HCS cuts deeper than a gas saw and is powered remotely so dust and water will not affect the saw.

HCS Saws provide operator safety with the ASCO (Automatic Safety Cut off) System. The tool automatically shuts down if the blade jams reducing the risk of operator injury.

For maximum operator safety the HCS saws have a built in hydraulic brake that stops rotation in 5 sec. or less after the trigger is released.



HYDRAULIC POWER PACKS



Hydraulic Power Packs are the power source companions for hydraulic tools. HPPs are designed for professional users who expect maximum operating time, low service cost and durability. The HPP 13 Flex AND hpp 18v Flex have an adjustable flow to supply a wide range of attachable tools.

Hydraulic Power Packs are easy to operate, provide more power and low fuel consumption. The units are light, compact, and with their extending handles, are easy to transport.

HPD 60 POST DRIVER



HPD 60 is a high-performance hydraulic post driver perfect for fencing, road signs, farm, ranch, forestry, vineyards, guardrail, anchors, tent stakes – essentially any heavy duty driving job. Activate with the easily accessible built-in trigger or for taller applications utilize the optional remote valve. Continuous component lubrication keeps maintenance at a minimum and extends tool life.

Weight, lbs	60.5
Length (w/o Chuck) inches	26
Oil flow, gpm	8
Working pressure, psi	1750
Max. return pressure, psi	220
Blow frequency, bpm	1380
Blow energy, ft/lbs	70
Post size max. dia. inches	3 7/8

PORTABLE CORE DRILLING SYSTEM



**Hydraulic Core Drilling - Powerful yet safe operation.
Drills 3-4 times faster than electric drill machines - even through steel re-bar**

Hydraulic core drill uses standard construction core drill bits - prices are far less expensive than electric “red brand” cores on the market.

Drills core sizes range 2”to 14” size (carriage spacers are required for the larger size of core drills)

Dedicated vehicle not required

22 BREAKER HYDRAULIC CHIPPING HAMMER



HBR 22 is an exceptionally handy lightweight chipping hammer designed for horizontal breaking in block walls, brick wall and reinforced concrete. The low weight and compact design makes it very suitable for narrow working places. The HBR 22 is a very popular breaker among contractors, telecom, supply utility companies (power-water-gas-sewage) and is a true “hit” for rental.

60 BREAKER HYDRAULIC CHIPPING HAMMER



The HBR 60 comes equipped with our HYD-VIBE vibration-dampened handle which helps the operator use the tool more efficiently. The design lets the tool do the work, instead of the operator applying additional downward pressure. At approximately 56 lbs. it is in the 60 lb. breaker classification and has a higher performance-to-weight ratio than other breakers in its class.

POST PULLERS/DRIVERS

POWER POST PULLER

The Universal Puller can remove T posts from any sort of ground, including fractured rock and does it without bending your posts. It works by gripping any edge of the T post using its roller jaws, which allows you to grab the post at the bottom without having to bend down to engage the jaws. The puller can also be adapted to pull out other types of posts by changing over the T post roller jaw with additional jaws designed for steel pipe and many others. This amazing tool has 6,000 pounds of straight up pulling power. Specifically developed to pull posts out straight for reuse. Pulls out any post with an edge for example all kinds of "Y", "T", roadside reflector, vineyard and trellising posts. Most post are extracted with 1-2 tons which can be applied with the weight of one person. You can apply up to 3 tons of pull to a post with two people. The nip roller jaws are designed to grab the post – the harder you pull, the harder they grab. The nip rollers can be index to use in 8 different positions extending the life of the tool dramatically. The nip rollers and pins are all made out of high tensile steel and heat treated. The nip roller jaws can grab from 1mm through to 8mm thick steel in the standard arrangement. Specialized backing plates are available to extend the grab of the nip rollers to 30mm through to 50mm thick steel.

Two versions available - one for u-channel & one for all other posts up to 6"



MP3 POST PULLER

Pulling out posts is a tough job, and the Rhino™ MP-3 is plenty capable of removing the most stubborn posts. This portable unit has phenomenal strength-to-weight ratios and can meet the needs of most pulling tasks. Simple to operate and made from high-grade steel, this unit is nearly indestructible and will provide decades of service



POWER POST DRIVER

An innovative post driver that can tackle most any post! Its performance and the drivers versatile size has made it the perfect tool for a wide range of projects. It is powerful enough to drive into broken limestone!



SIGN POSTS & SIGN BRACKETS



U-Channel Sign Posts

are manufactured from high quality, high tensile rail steel and finished with a protective coating of weather resistant baked enamel paint, or galvanized by hot dipping per ASTM A123. They are designed to provide an attractive appearance and years of maintenance-free service.

Square Posts

provide four flat surfaces for mounting signs in any direction and at any height. Square tube sections provide superior resistance to wind and other forces over U-channel or round posts. Ground anchor posts allow for rapid replacement installations when necessary.

ITEM #	DESCRIPTION
SQUARE SIGN POSTS	
SP300	10'x2" Square - 14 Gauge - GA Type 7
SP310	12'x2" Square - 14 Gauge - GA Type 7
SP315	10'x1.75" Square - 14 Gauge - GA Type 6
SP3225CB*	FLAT CONCRETE BASE FOR SQUARE POST
SQUARE ANCHOR	
SP330	2.25"x30" Square - 12 Gauge
SP331	2.25"x36" Square - 12 Gauge - GA Type 7
SQ POST HARDWARE	
SP340	LG Corner Bolt with Flange Nut (for use with 2.25" and 2.5" anchor)
SP344	SQ POST DRIVER 2"
U-CHANNEL POSTS	
SP100-PG	8' 2#/FT Green U-Channel
SP120-PG	10' 2#/FT Green U-Channel
SP140-PG	12' 2#/FT Green U-Channel
SP200	8' 2#/FT Galvanized U-Channel
SP210	10' 2#/FT Galvanized U-Channel
SP222	12' 2#/FT Galvanized U-Channel
Other sizes available by special order Post taller than 8' must ship truck line	

Sign Brackets

(We stock brackets for flat street name signs but we do offer extruded brackets)



SH-2-2
5 1/2" 90°
U-channel cap

SH-2-3
5 1/2" 180°
U-channel cap

SH-2-1
5 1/2" Fixed
Crosspiece



SH-6-2
12" Heavy Duty
90° U-Channel
Street Sign
bracket

SH-6-3
12" Heavy Duty
180° U-Channel
Street Sign
bracket

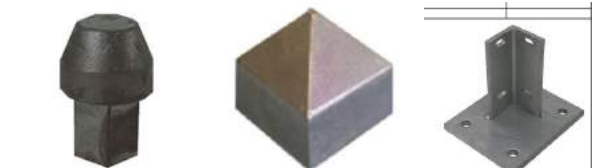
SH-6-1
12" Heavy Duty
Fixed Cross
piece



SH-3
5 1/2" - Square
Post Street Sign
Bracket - 2"
Post

SH-6-2S
12" Square
Post Street
Sign Bracket -
2" Post

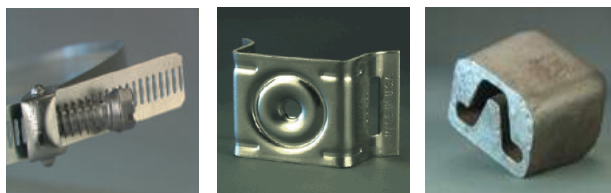
SH-3-1
Adjustable Cross
Piece - mount signs
at 45° angle or paral-
lel to one another
(does not do 90° angles)



SP344*
Square Post
Driver for 2 1/4"
anchor or post

SH-3C
Pyramid Post
Cap for 2"
Square Post

SP3225CB*
Flat Con-
crete Base for
Square Post



SH-8
Snap Lock
assembly

SH-9
Sign Bracket for
posts over 4" in
diameter

02-SH1UCMD*
Big Boy
U-Channel
Drive Cap
17 Lbs.

REGULATORY SIGNS



R1-1



R1-2



R1-3



R1-4



R5-1



R5-1A



R1-5



R1-5A



R1-6



R1-6A



R2-1-*



R2-2



R2-3



R2-4



R2-5A



R2-5B



R2-5C



R2-6



R3-1



R3-1A



R3-2



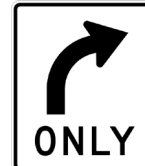
R3-3



R3-5A



R3-5l



R3-5r



R4-1



R4-2



R4-3



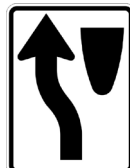
R4-7



R4-7A



R4-7B



R4-8



R4-9



R5-2



R5-2A



SIGNICADE

All Plastic Sign Frame
Holds two 24"x36" signs
We can print a custom sign message for you
on metal, or coroplast

SIGNPOST REFLECTOR

Quick & easy to install
Usable on any new or existing post. Allows an extra 150 to 200 feet of viewing distance when approaching traffic signs



PARKING LOT SIGNS



R5-3



R5-6



R6-1L



R6-1R



R6-2L



R6-2R



R7-1L



R7-2



R7-2A



R7-3



R7-4



R7-5



R7-6D



R7-9



R7-9A



R8-3



R8-3a



R7-1/A



R7-1



R11-2



R7-8GA



R7-500



R7-504



R7-502N



R7-502



D96



R7-8



RY8NJ



R7-5FLA



R7-8VA



RR78VA - TX



R7-5FL



R7-6NC



R75HPO



R7-5NC



R7-5TX



R7-8D



R7-8PG



R7-8PB



R1-6A



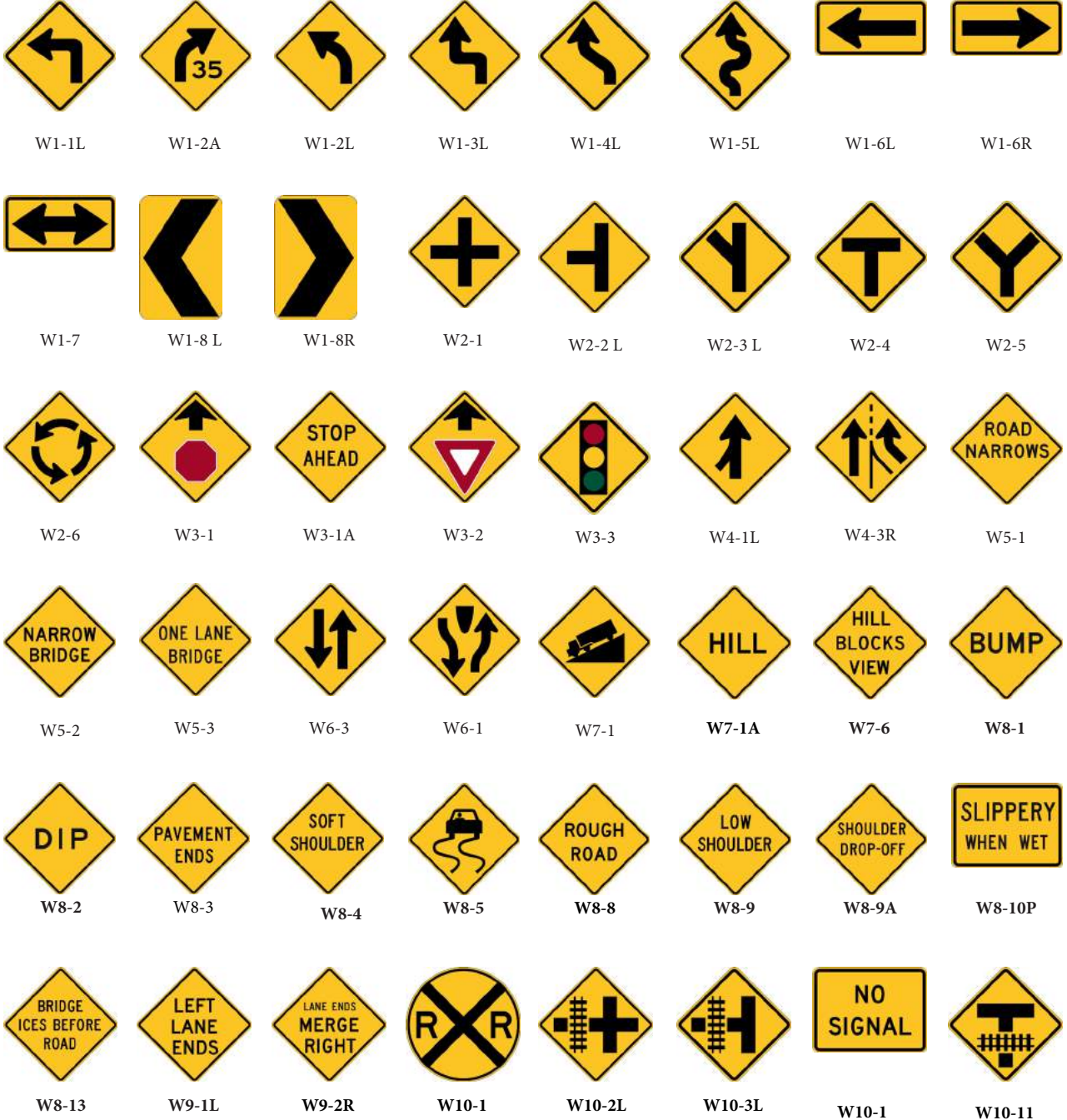
R1-6A



WARNING SIGNS

Standard Sign Dimensions 24"x24", 30"x30", 36"x36" or 48"x48" unless noted otherwise.

Signs available in HIP or Diamond Grade Sheeting



WARNING SIGNS



W10-15



W11-1



W14-1



W14-1AL



W14-2



W14-3



W15-1



W17-1



W11-3



W11-8



W11-11



W11-12P



W12-1



W12-2



W13-1



W13-2



W11-2

SCHOOL SIGNS

Available in HI or Diamond Grade Fluorescent yellow/green prismatic.
(FI Yellow/Green Required in School Zones)



S4-5A



S2-1



W16-9



W16-7PL



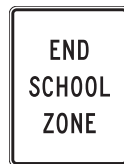
S3-1S



S3-1



S5-1



S5-2



S4-2



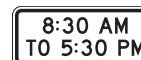
S1-1



S3-1



S4-5



S4-1*

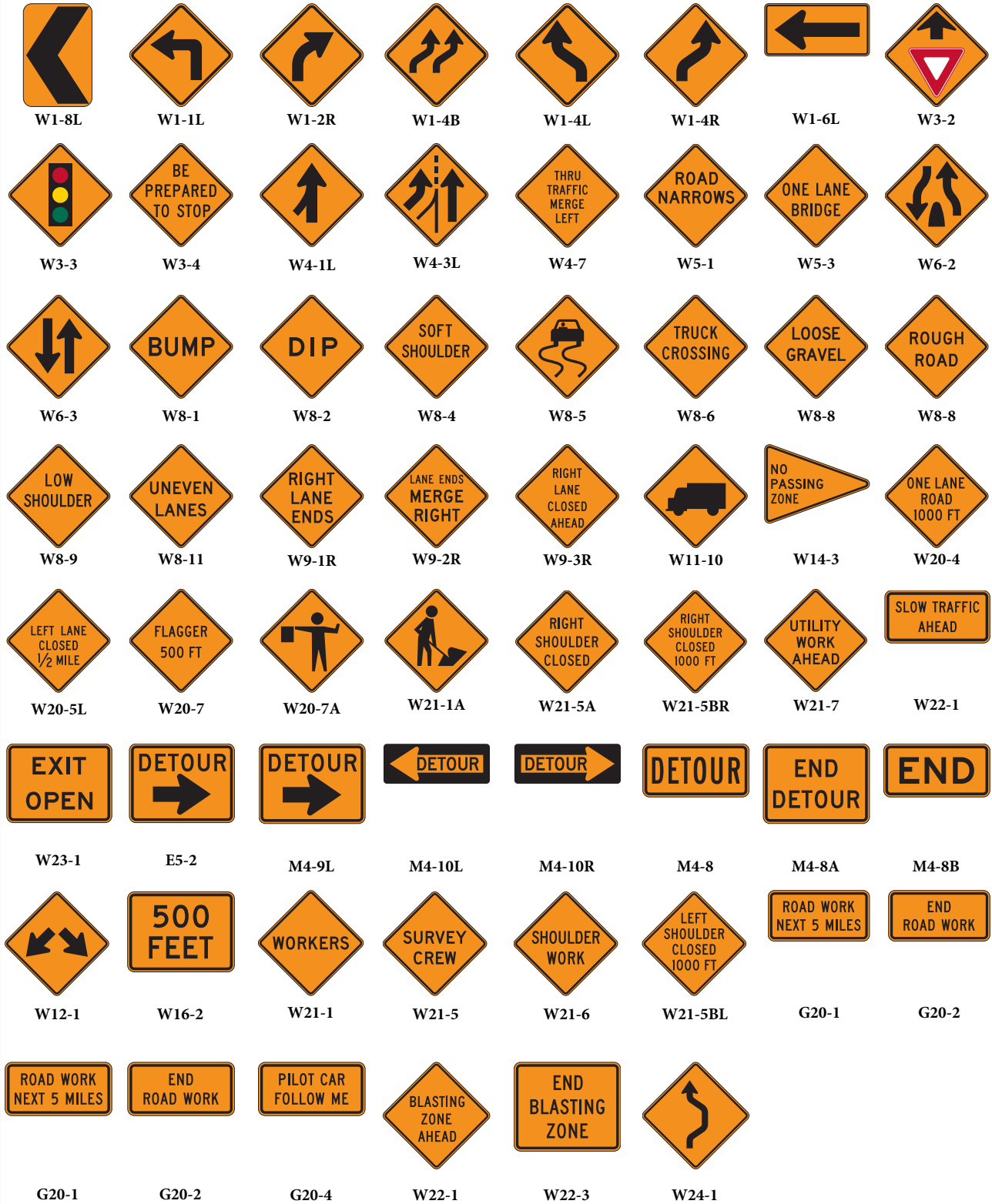


S4-3P



CONSTRUCTION SIGNS

Standard Dimensions on square warning signs hung on the diagonal: 24"x24", 30"x30", 36"x36" or 48"x48".
Warning Signs available in High Intensity Prismatic (Type III) or Diamond Grade (Type 1X, or Type X1) reflective sheeing.



STOCK SIGNS



R1-1



R1-2



R1-4



R2-1*



R3-1



R3-2



R3-4



R1-2



R4-7



R5-1



R5-1A



R5-2



R1-6A



R560-5



R7-1/A



R7-1



R8-3a



R11-2



R7-6NC



R7-8



R7-8GA



R7-200 (Cobb)



R7-6-9 (GA)



W4-22



W4-21



R7-5NC



R7-8PG



R7-8PB



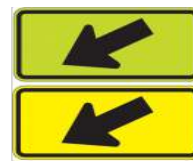
W11-2



S1-1



W16-9



W16-7PL

POLE SAFE® / BREAK-SAFE®

Pole-Safe®

Features and Advantages

Superior Breakaway Performance: The precisely machined geometry of the Pole-Safe® coupling design causes the system to fracture safely at relatively low force and energy levels. This unique capacity is better than AASHTO's requirements for impact velocity change. The low stub projection after impact eliminates under carriage damage to the vehicle, thus reducing the risk of fire.

High Structural Capacity: Pole-Safe® is available in a variety of models, designed to support many different pole configurations subjected to various loading conditions. The high strength coupling design offers exceptional resistance to forces created by wind and dead loads. All Pole-Safe® crash tests were conducted using a 55' high, 930 lb. pole which is the maximum allowable mass as specified by AASHTO. The unique physical properties and breakaway performance of Pole-Safe® gives designers the greatest flexibility in sizing poles for specific lighting requirements.

High Durability: All Pole-Safe® couplings and hardware are hot-dip galvanized in accordance with ASTM A153 to provide proven corrosion protection in harsh roadside environments. Additionally, independent fatigue testing has demonstrated that Pole-Safe® couplings are capable of withstanding more than two million loading cycles with no reduction in structural capacity.

Easy to Install and Maintain: No special tools or equipment are required to properly install and maintain Pole-Safe®. All components are easily secured using the American Institute of Steel Construction (AISC) turn-of-nut tightening method, which eliminates the need for precise torque levels on bolts.

Low Cost: Pole-Safe® is the lowest cost breakaway system for poles. Low initial cost coupled with high structural capacity and zero maintenance makes Pole-Safe® the most cost-effective solution for all breakaway light poles.

Pole-Safe® 4000 Series:

Model Number	Anchor Bolt Diameter
4050	1/2" (12.7mm)
4062	5/8" (16mm)
4075	3/4" (19mm)
4100	1" (25mm)
4125	1-1/4" (32mm)

Pole-Safe® 5000 Series:

Model Number	Anchor Socket Diameter
5062	5/8" (16mm)
5075	3/4" (19mm)
5100	1" (25mm)
5125	1" (25mm)



Applications

- Light Poles
- Traffic Monitoring Poles
- Weather Station Poles
- Call Boxes
- Residential Poles
- Any Other Roadside Element Requiring Breakaway Support

Break-Safe® OMNI-DIRECTIONAL BREAKAWAY SIGN SUPPORT SYSTEM



Break-Safe® Sign Post Selection Program
This is a valuable, FREE, tool designed to select the appropriate sign supports and Break-Safe® model for a wide variety of sign configurations.

Omni-Directional Breakaway Performance

Break-Safe® couplings are omni-directional, meaning the system breaks away with consistent, predictable behavior, regardless of the vehicle's angle of impact. Accident research and field experience have demonstrated that vehicles often leave the roadway and impact structures at high angles of incident. This unique capability exceeds FHWA and AASHTO requirements for impact performance.

Hinge Plates

In addition to Break-Safe's symmetrical coupling design, the system includes hinge plates that connect the upper and lower sections of each post in multi-post sign installations. When only one post of a multi-post sign is impacted, the Break-Safe® Hinge Plates allow the lower post section to swing out away from the vehicle, while the non-impacted posts remain intact.

High Structural Capacity

Break-Safe® offers unmatched, high structural load-carrying capacity. New national signing standards specify increased sign sizes for visibility in addition to increased wind load levels. The changes create a significant increase in structural demands on sign supports. Break-Safe® is available in a variety of models, designed to accommodate different sign configurations and post types. The high-strength coupling and L-bracket design provides increasing structural capacity as the size of the post increases.

High Durability

All Break-Safe® couplings and hardware are hot-dip galvanized in accordance with ASTM A153 to provide proven corrosion protection in harsh roadside environments. Additionally, independent fatigue testing has demonstrated that Break-Safe® couplings are capable of withstanding more than 2 million loading cycles with no reduction in structural capacity.

TYPE A MODELS		
Model Number	Size	Type
AI4	4", 5"	Standard I-Beams
AI6	6"x9"	Wide Flange
AP	3", 3.5", 4", 4.5"	O.D. Round Pipes
AS	2.5", 3", 3.5", 4"	Square Tubes

TYPE B MODELS		
Model Number	Size	Type
B525	6", 8"	Wide Flange
	5", 6"	Square Tubes
B650	10"x21"	Wide Flange
	7", 8"	Square Tubes

DATING STICKERS

We can design custom dating stickers

Dating Stickers can be used for implementing the Expected Life Sign or Blanket Replacement method for maintaining your traffic sign reflectivity. We offer three options. Please specify year and if you would like EG or HI material.

Generic
2 1/4" x 1 1/8"
Provides the year of either installation or replacement. Simply punch out the month

Warning Message
4" x 2 1/4"
Provides a deterrent to vandalism and theft while still maintaining the date of installation or replacement date.

Unique Dating
4" x 2 1/4"
You can customize with your logo or text of choice



STREET SIGNS

Street name signs are double faced with white letters on either a green or blue background. We can provide signs with or without a border. They are available in Diamond Grade or High Intensity Prismatic. Engineer Grade sheeting does not meet the 2009 MUTCD retroreflecting requirements for street signs. We can also add your city logo to your street signs.



6 Inch Street Name Signs

Blades are 6" x various lengths up to 48" as needed. The primary copy is 4" tall Series "B" letters. The prefix and suffix copy is 2" tall Series "B" letters.

For use on local roads with speeds of 25 MPH or less.

9 Inch Street Name Signs

Blades are 9" x various lengths up to 60" as needed. The primary copy is 6" tall Series "B" letters. The prefix and suffix copy is 3" tall Series "B" letters.

For use on local roads with speeds greater than 25 MPH

12 Inch Street Name Signs

Blades are 12" x various lengths as needed. The primary copy is 8" tall letters.

For use on multi-lane streets with speeds greater than 40 MPH

Metro Street Name Signs

12" Upper and Lower Case "C" Series letters on High Performance reflectives such as High Intensity Prismatic or Diamond Grade™ Cubed combine to make the most effective guide signs available. Metro signs are single faced unless requested double faced. 8" Upper and lower case "C" series letters are also available but do not comply with the ruling taking effect in 2018.



ROLL GOODS



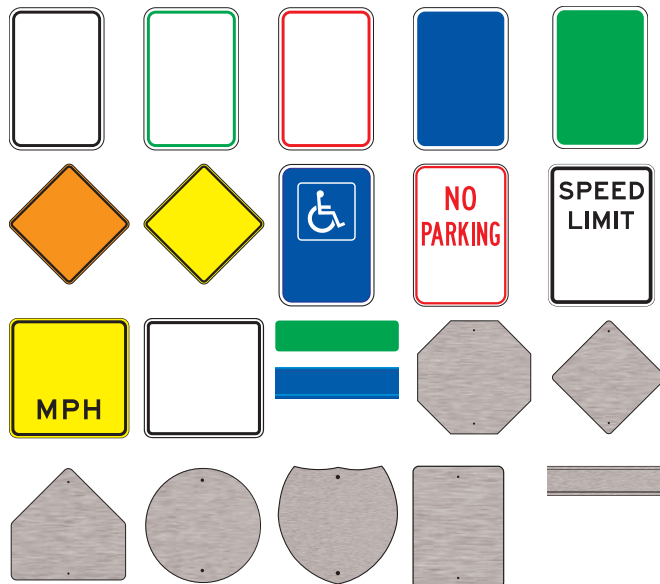
3M & Avery Sheeting available

We can provide any type material needed for your sign shop.

- Reflective Sheeting
- Transfer Tape
- EC Film
- Vinyl

Call us for more information

SIGN BLANKS



RANDOM PICTURES



TERMS & CONDITIONS OF SALE

PAYMENT TERMS	Net 30 days with approved credit. To establish open credit line, a minimum initial order may be required. (This does not apply to governmental agencies). Payment will be required at time of initial order while credit is being processed. Amounts unpaid after 30 days are subject to a finance charge of 1.5% per month. We accept Visa and Mastercard.
FOB	All prices quoted are F.O.B. shipping point unless otherwise quoted in writing. In-stock items are available for pickup at our Transafe warehouse or for shipment. Small packages ship via UPS and take 1-3 days in the Southeast. Larger shipments ship via common carrier and typically take 2 days in the Southeast. Non-stock items may take two weeks or longer. Please inquire on delivery time on equipment at time of order.
BROKEN PACKAGING	Some items may require minimum quantity purchases.
RETURNS	No returns shall be accepted after 30 days of receipt of merchandise. No returns shall be accepted without sellers prior return authorization. Buyer is responsible for all return freight and a 25% restocking charge on all returns. (Minimum fee of \$25.00) ABSOLUTELY NO RETURNS SHALL BE ACCEPTED BY SELLER ON CUSTOM MANUFACTURED PRODUCTS OR NON-STOCK ITEMS.
LOST/DAMAGED SHIPMENTS	Buyer must notify seller of any shortages or damage within five days after receipt of goods. If any discrepancies are found, note them in writing on the carrier delivery ticket and on your copy of the delivery ticket. Be sure the driver signs both copies acknowledging the discrepancy and notify us immediately.
WARRANTY	Seller must receive written notice of any defective product with 15 days from date of shipment. Seller shall repair or replace any product found defective in accordance with manufacturers warranty. Transafe is not responsible for any labor cost incurred.
SPECIAL ITEMS	We handle many products that may not be shown in our catalog. if you need anything in the way of traffic products or highway safety supplies - please call us first! if we don't carry what you need, we will direct you to someone who does.
QUANTITY DISCOUNTS	Please call for details on our large quantity discounts for order requirements and discounts.
BID PRICES	Please CALL, EMAIL, or FAX US YOUR BID REQUEST ITEMS.
PLEASE NOTE THAT DUE TO CERTAIN TERRITORY RESTRICTIONS WE ARE ONLY ALLOWED TO SELL SOME OF OUR PRODUCT LINES IN CERTAIN AREAS.	

**“WOMAN OWNED BUSINESS”
CERTIFIED DBE**



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