



Product Overview



Davidson Traffic Control Products

“Creating Products to Save Lives”

At Davidson Traffic Control Products we are passionate in our pursuit of excellence and dedicate ourselves to the very best of quality in everything we do. We are always working towards developing new products, being aware of the ever-changing conditions and the need for improved safety. We strive to delight our customers, work together for the benefit of the driving public and live up to our motto *“Creating Products to Save Lives”*.



Davidson Traffic Control Products will:

- Focus on the development of innovative and value added products
- Deliver world class quality and service
- Continue to develop strong relationship with customers, partners and suppliers
- Continue to provide quality products at competitive prices
- Develop a co-operative working environment where employees are committed, involved and recognized for their contribution

Welcome to the Davidson Traffic Control Products Overview!

In this issue we're proud to show you a brief representative summary of our product offerings. For a more complete listing of products, options and applications, and in depth product details, please visit our website at www.davidsontraffic.com, contact your sales representative, call our office toll free at (877) 335-4638, fax to (253) 284-8080, or email to hwysales@pexco.com.

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FG 300 Posts & Curb System Lane Separators

Interstate Grade Curb System

- One piece construction utilizes high impact polymers and solid color throughout
- Innovative narrow design creates much smaller footprint than concrete barrier and fully mountable by emergency vehicles
- Superior durability – Curbs withstand 10,000 pounds of loading – FG 300 EFX and UR Posts withstand 50 impacts at 60 MPH
- Proven safety and performance - FHWA approved, NCHRP 350 tested and accepted at 70 mph/112kph
- Endless applications!

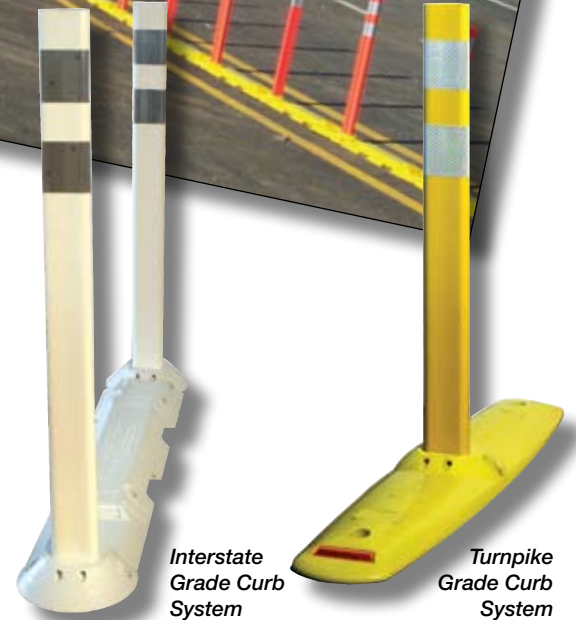
Turnpike Grade Curb System

- Free standing product spaced along length of the installation
- Designed for high speed applications
- Only requires 4 bolts per unit
- 25 to 40% labor savings
- Picket fence effect

✓ Only curb and post combination warranty in the industry!

✓ 5 year limited pro-rated warranty on curb unit

✓ 1 year limited warranty on the EFX upright post



Interstate
Grade Curb
System

Turnpike
Grade Curb
System



FG 300 Surface Mount Channelizer Posts

Three Models Available to Fulfill All Your Delineation Requirements:

- Model EFX – Toughest post available on the market – carries a one year limited warranty! The EFX post is recommended for use with our vertical panels and all your “can’t fail” applications
- Model UR – The UR post has become the industry standard for toughness, impact resistance and long-lasting performance. The UR was developed for the demanding high-speed, 2-way, 2-lane detour operations.
- Model PE – Manufactured with low-density polyethylene, this is the ideal post for a multitude of applications
- All FG 300 posts feature the unique clover-leaf design that allows the tubular post to rebound time after time when simple round posts fail
- Conforms to MUTCD & NCHRP 350 standards with proven durability on NTPEP test deck
- No metal pins in bases to rust or seize – simplified installation and replacement of damaged posts

FG 300 Bases for FG 300 Surface Mount Posts

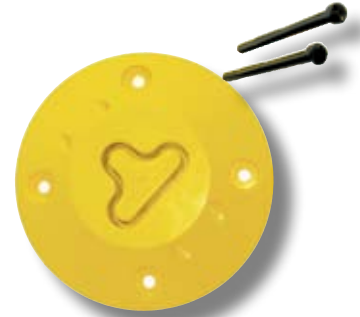
FG 300 Lite Black Base

Standard base for general purpose applications



FG 300 Heavy Duty Colored Base

Extra tough base for more demanding applications. Available in yellow, white, fluorescent orange, and fluorescent yellow-green for added visibility.



FG 300 Invisi-Base – Designed for use in two different applications

- Flush mount channelizer posts
- Rubber curb retro-fit
- 1/4 turn fasteners for quicker installs and winter cover allow post to be removed to accommodate snow plow operations



Banana Base –

Portable 35# heavy duty base

- Two recessed handles
- Two banana-shaped grooves for easy stacking and storage
- No additional ballast required



- Fixed metal base plate for stability & durability
- Easy assembly – *Quick Release Pins* attach posts into place in seconds
- Smaller foot print than barrels
- Resilient to multiple impacts



10# Portable Rubber Cookie Base –

Designed for situations where the base and post will be moved on and off the road surface frequently. The light weight ten pound base is ideal for school cross walk applications because it is easily carried and moved.

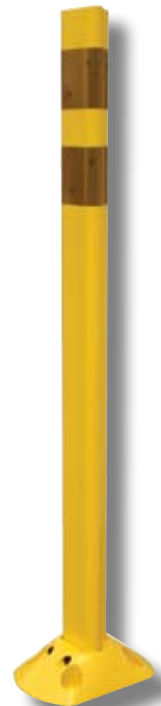


FG 300 Metro Base –

Slimmed down version of the FG 300 standard base. 5.5" wide (Available in white, yellow, orange)

Ideal applications:

- Parking garages
- Tunnels
- Barrier wall delineation



FG 400 & 500 Flexible Roadside Posts

PIPELINE
CAUTION
BEFORE DIGGING
CALL COLLECT



- Driveable flexible guide posts for roadside delineations
- Recycled engineering polymers withstand repeated impacts
- Guide posts that offer a combination of strength, flexibility and durability that stand up in the harshest weather conditions
- They will not discolor when exposed to UV rays and will not rust, rot or splinter
- The FG 400 & 500 posts can be cut to any length; there are three standard colors: white, yellow and gray, other colors are available
- The FG 500 provides maximum display area for vertical messages that need to be visible from wide angles. Messages that comply with US DOT specifications are available and can be applied at the factory
- NTPEP Tested, NCHRP 350 Approved
- Constructed of Recycled Plastics
- Reflective sheeting option for better visibility



Snow Poles & Posts

- Davidson's snow poles are extremely durable due to our exclusive honeycomb cross section designed to provide strength while remaining light weight
- Our round snow poles have an advantage over fiberglass strips, because they offer a highly visible target from any angle of approach
- Reflective sheeting can be affixed to our snow poles for improved guidance after dark
- When compared with wood, bamboo or plastic pipe our poles perform more effectively with a longer life cycle



DP 200 3" Round Channelizer Posts

- Provides 360 degrees of highly reflective delineation
- 3 inch round post constructed of highly durable thermoplastic polyurethane that provides enhanced strength and durability
- Impact resistant from all directions
- Low maintenance – no metal parts to rust or seize
- The DP 200 rebounds after being struck repeatedly
- Simple installation
- MUTCD and NCHRP 350 compliant



Made from
Recycled Materials

Guardrail Reflectors

- Illuminate invisible guardrails at night with bright reflective markers that provide clear delineation
- Our guardrail markers are manufactured with engineering resins and are designed to endure the rigors of construction work zones and permanent installations
- Three reflective grades of sheeting are available for the reflectors: Diamond Grade, High Intensity or Super High Intensity
- Typical Applications of Guardrail Mounted Reflectors:
 - W-Beam Guardrails
 - Wood Guardrail Posts
 - I-Beam Guardrail Posts
 - Bridge Approaches
 - Hills, Curves, Gores and Off-Ramps
 - Wrong Way Areas



Seven Styles of Guardrail Reflectors:



FG 427



FG 527

FG 427 and 527 measure 27" in length and accommodate 36 square inches of reflective sheeting. Both markers can be mounted on wooden guardrail posts positioning the reflectors 48" above the roadway surface.



Fat Cat

Oversized marker measuring 4 x 15"

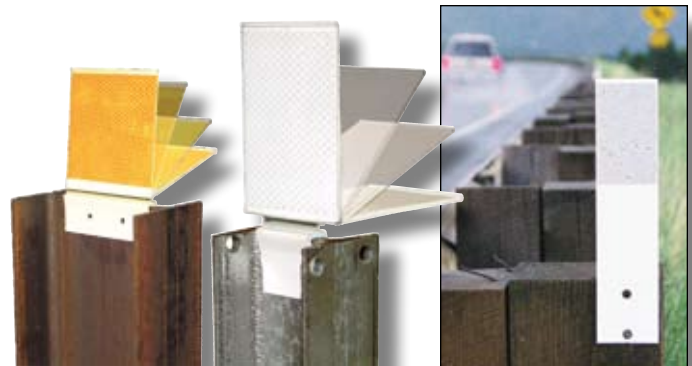


Butterfly Bolt On



Butterfly Glue On

Butterfly guardrail reflectors fit perfectly inside W-beam guardrails.



I-Flex In Action

I-Flex fits over a steel I-beam guardrail post and contains an innovative built-in urethane hinge.

The Straight

Our original guardrail marker, available in High Intensity Grade all the way up to Diamond Grade sheeting.

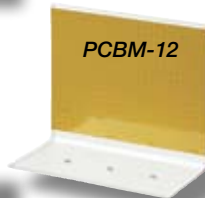
Concrete Barrier Reflectors

- Davidson's portable concrete barrier markers (PCBMs) are made of high impact engineering grade thermoplastics which allow them to rebound when struck
- PCBMs resist both direct and indirect vehicle impacts and remain flexible even in the coldest climates
- Ten different styles of PCBMs are available for various applications and installations
- There are three different reflective sheeting options for PCBMs: Reflexite® AR 1000, 3M™ Diamond Grade and High Intensity Prismatic
- Typical applications of PCBMs include:
 - Delineation of temporary concrete barrier walls
 - Delineation of permanent concrete barrier walls
 - Delineation of concrete bridge parapets
 - Delineation on top of wooden guardrail posts



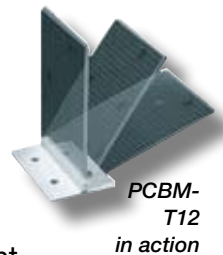
Ten styles of Barrier Reflectors:

- **Big Dog** – Extra large top mount reflector that utilizes 96 square inches of prismatic sheeting
- **Little Dog** – A bit smaller than the Big Dog, but still provides incredible brightness with 72 square inches of reflective sheeting
- **PCBM 36** – Extra wide reflector providing 36 square inches of reflectivity
- **PCBM-L16** – Designed to be mounted on top of a standard 32 inch barrier wall
- **PCBM-15** – Designed for top mount installations in regions that receive heavy snow fall because the 8 inch height places the reflector above the snow on the barrier.



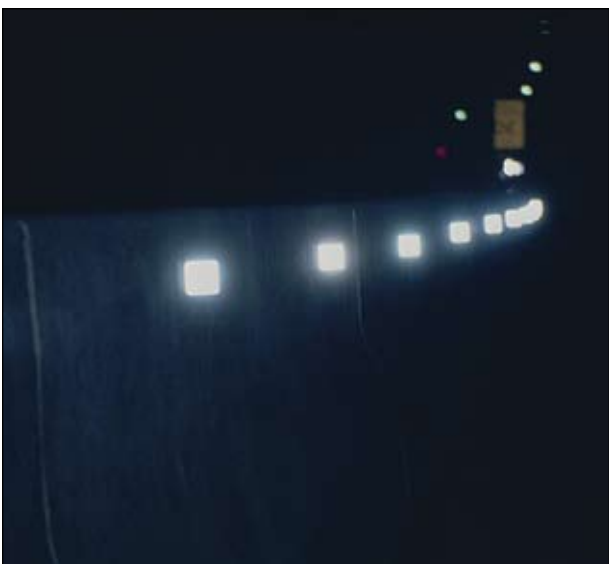
- **PCBM-12** – With over 12 square inches of reflective sheeting and the versatility of either top or side mount placement, this is our most popular marker!

- **PCBM-T12** – Barrier mount reflector which features a built in poly-urethane hinge
- **PCBM-9** – MUTCD compliant and economical barrier mount reflector that can be either used for top or side mount placement



- **PCBM-9 CM** – Center mount barrier reflector that has a double bracket which houses a 3-inch acrylic reflector

- **PCBM-T8** – A marker with 8 inches of reflective area that was created to be used with moveable barrier systems



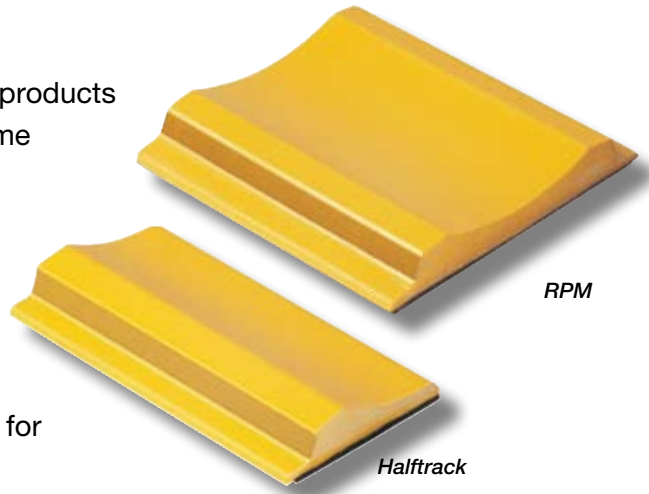
Work Zone Pavement Markers

RPMs & Halftracks

- Effective and convenient long-term temporary road marking products
- Designed to be long-lasting enough for use in both low volume and interstate highways
- Provide clear guidance to motorist both night and day
- Simple to install and remove

RPM & Halftrack Options:

- Two standard colors – white and yellow
- Reflective tape can be applied on one or both sides
- Optional factory applied high tack butyl adhesive pad allows for a peel and stick application to the roadway



Temporary Overlay Markers - TOMs

- Primarily for short-term temporary lane line markings in asphalt paving projects and other construction work zones
- Placed after final rolling of the new asphalt
- Engineered for easy application and removal to reduce the amount of time workers are in the roadway
- Unique adhesive system keeps the TOM securely in place but when it is time for removal the TOM comes up with a simple tug

TOM Options:

- Standard colors are yellow and white but are available in additional colors by special order
- TOMs are available with reflective sheeting on one or both sides



Flexible Chip Seal Markers - TRPMs

Using our TRPMs in a chip seal operation is a proven and effective practice. TRPMs, just like our TOMs, provide positive guidance to drivers both night and day. The TRPM utilizes a cube-corner micro-prismatic reflector. These tough reflectors are extremely bright and resist cracking and peeling.

Options:

- Standard in yellow and white but other colors are available by special order
- Standard TRPMs come with at least one clear plastic cover or cap which is designed to protect the marker and reflective sheeting from sprayed asphalts or slurry products
- Multiple protective covers are available if the requirements of your sealing project warrant
- Special high heat TRPMs formulated to withstand extreme temperatures are available
- TRPMs are available with reflective sheeting on one or both sides



Barricade Products



Type III Barricades Have Many Options & a 3-Year Warranty

- Specially designed plastic panels eliminate time consuming cutting and painting and will not rust or splinter
- The panels are virtually shatterproof ensuring a long working life and a high return on your investment
- Few parts to assemble; lightweight and easy to handle



Type III Barricade Options

Upright options:

- X-Tube lightweight square reinforced upright
- 1.75" PSST upright
- 3.5" square poly-tube

Barricade feet options:

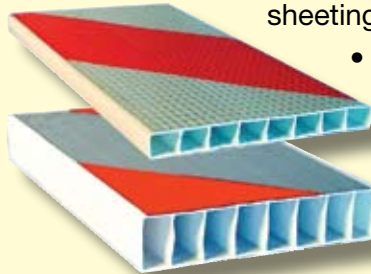
- 5' Angle Iron Powder-Coated White feet
- 5' galvanized 2" PSST feet
- "The Yeti" 40# recycled rubber feet (*shown right*)

Hardware options:

- Standard hardware (*bolts, washers & lock nuts*)
- Anti-theft hardware
- Quick release pin

1 x 8 T3B Type III barricade panel

- The T3B panel from Davidson is the only panel in the industry to carry a 3-year limited warranty covering breakage and adhesion of reflective sheeting
- 8-1/4" wide flat panels make application of reflective sheeting simple & fast
- Factory-treated panels create a reliable bond for reflective sheeting
- Seven internal I-beams create a rigid yet lightweight structure



2 x 8 PB Parade Barricade panel

- The PB Parade Panel from Davidson is the only panel in the industry to carry a 3-year limited warranty covering breakage and adhesion of the reflective sheeting
- Flat, wide panels make application of reflective sheeting simple & fast
 - 7-1/2" width conforms to nominal lumber dimensions, fits existing A-frame legs
 - Factory-treated panels create a reliable bond to the reflective sheeting
 - Seven internal I-beams create a rigid yet lightweight structure

Only Barricades to Offer a 3 Year Warranty!



Poly-Kade

Poly-Kade T1B & T2B All-Plastic Barricade

- Incredibly durable All Plastic Barricade
- Lightweight and easy to transport
- Long-lasting and worry free
- No wood to rot or splinter
- Choose from Engineer, High Intensity or Prismatic sheeting

- Available in multiple configurations and several options for sheeting – call for more details
- All panels carry 3 year pro-rated warranty!

Durability, Low Maintenance & Safety

- Specially engineered plastic panels withstand impacts that would cause other panels to break or splinter

- Meet NCHRP 350 and MUTCD Section 6F.63
- Impact tested to ensure durability in the field

Options for T1B & T2B Barricade Panels:

- Panels available in widths of 4, 6, 8, 12 x 24 inches all with a 3 year pro-rated warranty
- Pre-molded holes squared off to accept standard carriage bolts

O-Frame Parade Style Barricades

Parade-Style “O Frame” Barricade Leg

Instantly create an MUTCD Type I or II barricade OR
an ADA-compliant Type I or II barricade

Davidson’s O-Frame barricades have a multitude of uses in low speed municipal applications including plank box utility closures, crowd control and parking control. They are ideal for cordoning off an area during public events.

- O-Frame leg accommodates 1” or 2” plastic or wood panels
- Unique tabs lock boards securely into barricade
- Impact-resistant and UV-stable thermo-plastics for superior durability
- The only barricades with a 3-year pro-rated warranty!
- Engineered to conform to ADA, NCHRP 350 & MUTCD standards
- Panels have smooth surfaces to allow easy application of reflective tape
- Panels available in 4, 6, 8, 10 and 12-foot standard lengths
- Rigid injection molded legs will not sag in the heat of the sun
- Barricade legs with molded-in holes for attachment of lights
- Barricade legs stack for easy transit
- Panels & legs available for purchase separately or together
- Choose from Engineer, High Intensity or Prismatic sheeting
- Advertise your company with optional inserts



ADA-compliant configuration with 1 x 8 panels



MUTCD configuration with 2 x 8 panels



The “O-Frame” Insert Panel

- Draw immediate attention to your logo or message!
- Pre-cut to size to fit O-Frame
- Push through locking pins prevent theft
- Simply apply your vinyl graphic to customize
- Ideal for municipalities, sports teams, advertising – only limited by your imagination
- Customize barricades with your logo

Left to right:

Locking tabs secure boards to legs

Legs nest for easy storage

Stacking lugs keep lights from rotating.

Recessed bolt hole to reduce theft of lights



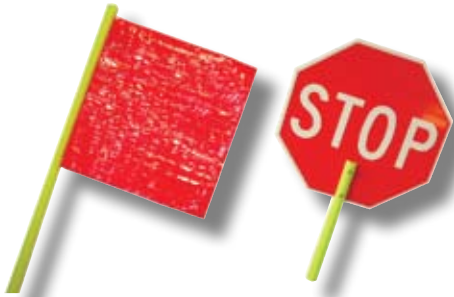
We Use —
3M® Reflective Sheeting Products

Green Cross - Crosswalk Safety

The Davidson Green Cross Product Line

We offer many options for improving crosswalk safety suited to meet your program and your budget:

- Durable and lightweight Fluorescent Yellow Green (FYG) safety posts to highlight crosswalk areas
- Bases to secure safety posts to the roadway
- Highly reflective flags, signs and stop paddles



Green Cross Post Options:

- 42" PE FYG Safety Post – Economical, lightweight post compatible with any of our FG 300 bases to support reduced size signs (S1-1)
- 42" EFX FYG Safety Post – Super tough post designed to support larger sign and stand up to the most challenging installation, compatible with all FG 300 bases
- 42" X-Tube Upright – Lightweight square white reinforced plastic post for use with our Yeti base

Green Cross Sign Options:

- 12" Reflective FYG Schoolhouse Super Hi-Intensity Sign – Flexible lightweight sign that can be used at un-signalized school crossings and complies with Section 7B.09 of the MUTCD 2003 edition
- 12 x 36" Yield to Pedestrian or Stop for Pedestrian Sign (Flexible or Rigid) – Portable signs that meet both the standards of the 2003 MUTCD for YTP (R1-6) of the STP (R1-6A) signs and can be placed at un-signalized school crossings



YTP Rigid Sign on Fixed Base



YTP Rigid Sign on "Banana" Base

SFP Rigid Sign on "Banana" Base

Green Cross Base Options:

- FG 300 FYG Base is for fixed installations where the post and base will remain on the road surface for an extended period of time
More information about this base on page 5
- FG 300 10# Round Portable Base is designed for temporary installations where the base will be moved from the road surface frequently
More information about this base on page 5
- FG 300 35# Portable "Banana Base" is engineered for demanding applications because it has the weight to support the larger crosswalk signs. An added convenience of this base is the recessed handle, making transport easy
- "The Yeti" 40# Portable Base is a portable heavy duty base for your most challenging locations. It will stand up to high winds and support the larger crosswalk signs. The Yeti bases snap together for simplified storage and the molded in handles make transport easy. The Yeti base is for use with the X-Tube upright only (*not shown*)

Save Money, Time & Lives

- Our work zone panels stand up to tremendous abuse
- Post rebounds and panel reorients after being struck
- Eliminates resetting traffic control devices – keeps workers out of the road



Opposing Traffic Lane Divider (OTLD)

Opposing Traffic Lane Dividers are delineation devices used as a center lane divider to separate opposing vehicular traffic on a two-lane, two-way operation.

Options for Opposing Traffic Lane Dividers:

- Vertical Panel – 12” x 18” (overall height is 36”)
- Sheeting Options – 3M High Intensity or Diamond Grade
- Color Options – orange and black

Options for Vertical Panels:

Vertical Panel Sizes

- 8 inch vertical panel #1 – 8” x 24” (overall height is 36”)
- 12 inch vertical panel – 12” x 24” (overall height is 36”)
- 8 inch vertical panel #2 – 8” x 34” (overall height is 42”)
- Sheeting – 3M High Intensity or Diamond Grade
- Colors – Orange and White



Options for Hazard Marker:

- Vertical Panel – 8” x 24” (overall height is 36”)
- Sheeting Options – 3M® High Intensity, Diamond Grade or Reflexite AR 1000
- Color Options – Black and Yellow



Base & Post Options for Work Zone Vertical Panels

FG 300 “Banana Base” Portable Heavy Duty Base -

More information about this base is on page 5

- Smaller footprint than barrels
- Withstands multiple impacts
- No additional ballast required

FG 300 Fixed Base -

More information about this base on page 5

- Fixed base for permanent installations
- Installs easily to road surface with bolts or epoxy

FG 300 EFX Post -

More information about this post on page 4

- So tough it carries a 1 year limited warranty
- Polyurethane “reaction rod” inside the EFX increases rebound of vertical panels



Support Products

Sign Post Reflector

- Enhance the visibility of signs
- Reflective sheeting covers entire post increasing the visibility of the sign
- Fits on wood U-channel and square steel sign posts
- Mounts on to posts with hardware or VHB tape
- Available options 3" x 36" or 3" x 72"



Complex backgrounds make signs less noticeable. Sign post reflectors increase visibility... day or night



Raised Rumble Strip

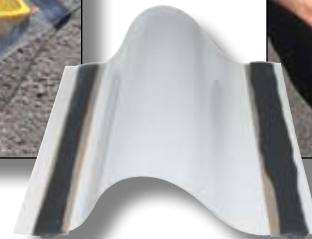
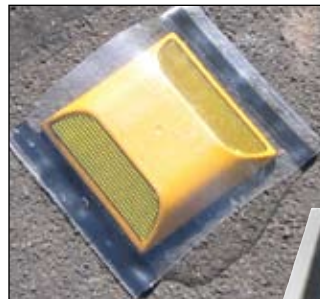
Our Rumble Strip Model 3708 is ideal to delineate gores, bike and pedestrian lanes and road shoulders to help prevent dangerous run off the road accidents. The 3708 rumble strip is a solid unibody marker which eliminates any hollow areas that can crack or crush when impacted by vehicle.

- Installation with hot melt bitumen or 2 part epoxy
- Available in red, white, blue, yellow and black



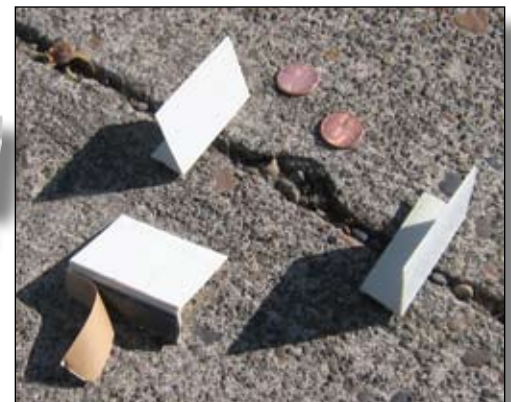
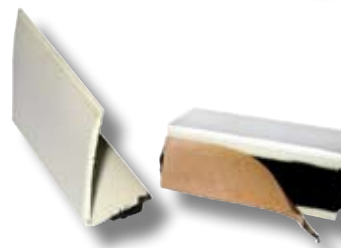
Button/Marker Covers

- Temporary transparent cover for pavement markers
- Protects marker from oil and chip during chip seal operations
- Applies easily with peel and stick application
- Easily removed after chip seal operation
- Two inch butyl adhesive strips on opposite sides of the cover
- Dimension of button cover – 5 x 6 inches



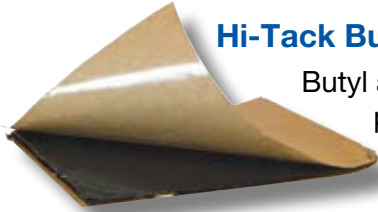
Baby Road Markers

- Self adhesive, non-reflective 2" x 1.5" flexible raised pavement markers
- Use on chip seal, slurry seals and fog seals where nighttime reflectivity is not required
- Marker is placed on an existing line or utility location prior to the surface treatment
- The marker protrudes up through the new surface, retaining the original location and eliminating the need to resurvey
- Two types of Baby Road Markers are available:
Type Y – amber body; Type W – white body



DAPCO Adhesive 795A

A one-part, fast cure adhesive, for bonding concrete barrier markers, guardrail reflectors and other delineation products. 795A requires no mixing, is effective over a broad temperature range, has excellent weathering properties and offers “primer-less” adhesion to concrete, asphalt and steel. (10 oz. and 20 oz. tubes available.)



Hi-Tack Butyl Adhesive - “Peel 'N Stick”

Butyl adhesives offer quick reliable adhesion for temporary installation of traffic control products. Available in 8” x 8” pads and 45’ x 4” rolls. Suitable for bonding many of our delineation and marking products. The standard color is black but other colors are available by special order.

Pavement Primer

We carry an exceptionally strong contact type adhesive primer that features fast adhesive strength buildup to assist difficult marker or delineator installations. The primer requires only one minute of drying time before placement of marker or delineator. An additional benefit of the primer is the precise spray control which places the primer exactly where it is needed with a minimum of mess.

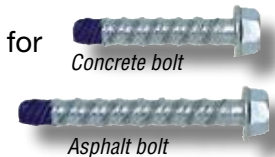
SuperBundy™ Adhesive - “Heat 'N Stick”

SuperBundy™ Adhesive is perfect for adhering larger objects like rumble strips, curb sections and FG 300 bases on horizontal surfaces and other objects requiring stronger adhesion. This non-toxic zero VOC adhesive is designed for use with traffic control objects that are subject to high impact of stress. SuperBundy Adhesive has resilient characteristics which enable it to remain flexible throughout its lifetime and therefore acts as a shock absorber.



Anchor Bolts

Removable and reusable one-piece anchor bolts for FG 300 bases and curb sections have a finished hex head, an integral washer, dual-lead threads and a chamfered tip. One-piece bolts eliminate the need to keep track of and assemble separate pieces of traditional molly bolts before installation. Dual-lead threads prevent the bolts from spinning in the holes when tightened.



Road Marker Epoxy

Our rapid setting 2-part road marker epoxy is the most reliable permanent adhesion product available. Typical applications include our FG 300 channelizer posts, permanent rumble strips and curb. Epoxy color is gray.





Pexco is a global manufacturer of various plastic products offering our customers the advantage of many years of technical and engineering expertise.

Our goal is to delight our customers and hold the respect of our suppliers and employees through honest and ethical practices.

With numerous production facilities located throughout North America, we are committed to excellent service and products for our customers.





Davidson offers free downloadable CAD drawings and specifications from our website. Contact your local sales representative or email: hwysales@pexco.com for details



Davidson Traffic Control Products
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3110 70th Ave East • Tacoma, WA 98424 • (877) 335-4638
 e-mail: hwysales@pexco.com • www.DavidsonTraffic.com

