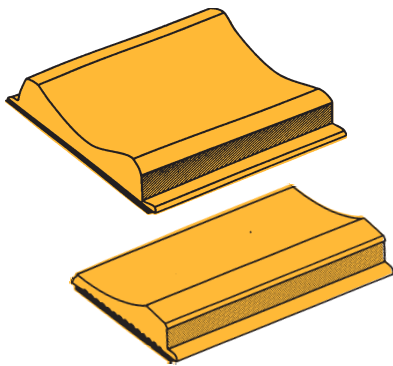


Options and Instructions for RPM and Halftrack Markers™



Available Options for the RPM and Halftrack

RPMs come in standard colors of yellow and white, but are also available in additional colors by special order. RPMs may be ordered with reflective sheeting on one or both sides. The RPM is used primarily for lane delineation in long-term temporary work zones where durability and good visibility are required.

Adhesive Options

(A) Factory -Applied Butyl Pads

The adhesive, factory applied to the marker base, shall be a 100% solids butyl rubber tape 3/32" thick. Specify (BU) when ordering.

(B) Hot Melt Bituminous Adhesive or Epoxy

Markers may also be installed with an approved hot melt bituminous adhesive, or 2 part epoxy per manufacturers suggested methods. Specify plain base when ordering.

RPM and Halftrack Durable Raised Pavement Markers Installation Procedures

General Conditions for Proper Installation

- 1) **Pavement surface must be free of dust, dirt, oil and moisture.**
- 2) Apply marker in dry conditions above 50° F. (Below 50° F, atmospheric moisture may inhibit adhesion - see D below.)
- 3) On fresh asphalt, markers should be placed just after finish rolling, when pavement is approximately 150° F or cooler.
- 4) Reflectors must be placed to face oncoming traffic.

(A) Installation with Factory-Applied Butyl Adhesive Pad

- 1) Remove release paper from butyl adhesive pad.
- 2) Place marker on the spot desired and apply pressure for five (5) seconds. On high volume roads use vehicle pressure at slow speed.

(B) Installation With Hot Bitumen or 2-Part Epoxy

- 1) Apply Hot Melt Bituminous adhesive or 2-part epoxy where marker is to be placed.
- 2) Place marker on the spot desired and apply pressure for five (5) seconds. Traffic must not be allowed

to run over markers until adhesive has cooled and/or cured.

(D) Special Conditions

1) **Old Asphalt/New and Old Concrete Surfaces** - Prime these surfaces with "DAPCO Pavement Primer" prior to installation with butyl pads.

2) **Cold Temperatures** - When air temperatures are below 50° F, priming may be necessary to install with butyl pads. Use "DAPCO Pavement Primer" on dry roadway surfaces.

Note: Insufficient downward pressure will not allow the marker to "set". Adhesive pads can be used only once. Failure to place the marker correctly could result in loss of the marker. Moisture on the roadway will inhibit bonding of the markers. Roadway must be clean and dry.

Important Notice To Purchaser

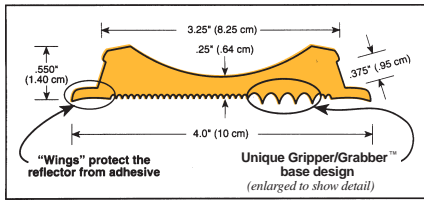
The following is made in lieu of all warranties, expressed or implied, including the implied warranties of merchantability and fitness for purpose: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. Neither manufacturer nor seller shall be liable either in tort or in contract for any loss or damage, direct, incidental, or consequential, arising out of the use of or the inability to use the product.

Specifications for RPM and Halftrack Markers™

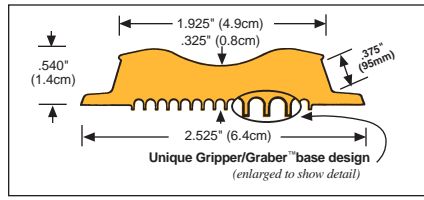
Durable, Work Zone Pavement Markers



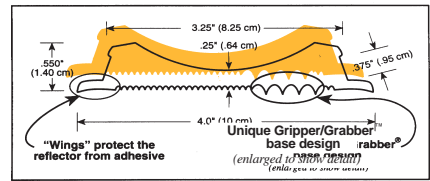
RPM Model 35



Halftrack Model 26



Halftrack Model 25



Marker Body

The body of the marker shall be solid with no hollow areas and constructed of an impact-resistant thermoplastic alloy that conforms to the following properties:

Property	Results Units	ASTM Test Method
Specific Gravity (min)	1.19	D792
Hardness Rockwell M (min)	20	D785
Gardner Impact Strength (2" dia. x .125" sample)	120 in-lb	N/A
Tensile Strength @ Yield	2,500 lbf/sq.in	D638
Flexural Strength	5,500 lbf/sq.in	D790
Flexural Modulus	275,000	D790

Marker Base

The base of the marker shall be solid, with no hollows, and have grooves that constitute a minimum of 75% of the base area that increase the bonding surface by a minimum of 25%.

Marker Body and Reflective Colors

Type Y-2 Yellow 2-Way Type Y-1 Yellow 1-Way
Type W-2 White 2-Way Type W-1 White 1-Way

Additional colors are available by special order.

Reflective Performance

Reflective tape shall be affixed along the front and/or rear faces of the marker. The tape shall be a cube-corner microprism retroreflective material with the following minimum optical performance:

Initial Brightness				
Marker	Model#	Color	SI	CIL
RPM	35	White	3.5	320
RPM	35	Yellow	2.5	220
Halftrack	25, 26	White	3.5	320
Halftrack	25, 26	Yellow	2.5	220

**Typical Initial Specific Intensity or Coefficient of Luminous Intensity at 0.2 obs angle and -4.0 entrance angle (in cd/ft² or mcd/lux)*

U.S. PATS. 5,515,807 / 5,327,850



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