

VULCAN BENT STYLE AERIAL MARKERS

Vulcan's Bent Style Aerial Markers were developed to combine strength, durability and efficiency in a compact design that is unique to Vulcan. This innovative design significantly decreases shipping costs when compared to Frame Style Aerial Markers because of the Bent Style's ability to nest when shipped. The Bent member is fabricated from .100" thick highway grade aluminum, which gives this smart yet simple design, a tough exterior, ensuring its durability in the harshest conditions.

PRODUCT DATA

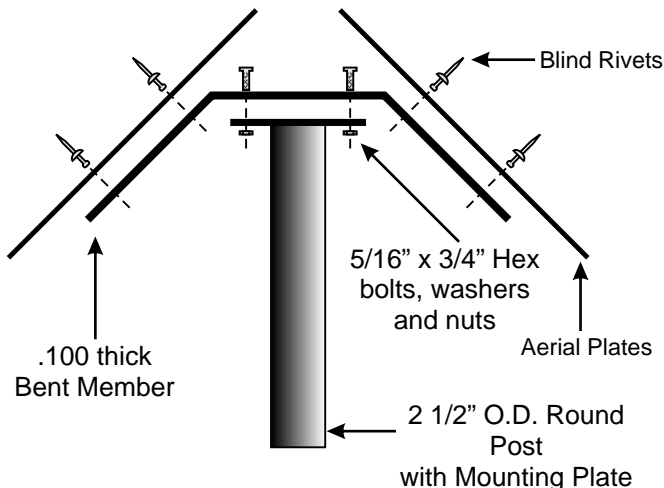


Each piece of .100" thick aluminum is bent 45° on two sides, forming the bent member and the aerial plate is attached to the bent member using special blind rivets. The plates are supported in the center, giving optimum stability in windy conditions.

The Bent Style Aerial Marker is fabricated for attachment to our aerial marker post. This special post is 2 3/8" OD x 10' with a plate welded for assembly with the bent member. Four fasteners come with each bent member to complete this assembly.

To mount the bent Style to a standard U-Channel Post, a special U-Channel mounting adaptor is required. We can fabricate virtually any mounting bracket for an existing post that will allow installation of the Bent Style Marker.

**BENT STYLE AERIAL MARKER
WITH BLACK ON YELLOW ALUMINUM PLATE**



○ ATTACHMENTS FOR VIRTUALLY ANY TYPE POST AVAILABLE

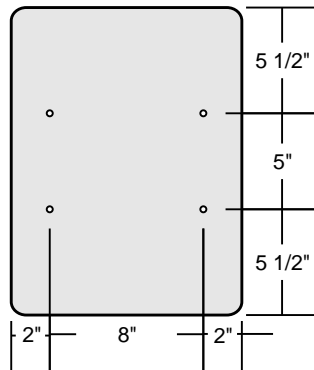


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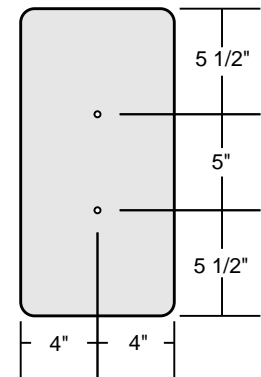
PRODUCT DATA

MANUFACTURING DATA

- SIZES ARE THE SAME AS STANDARD FRAME STYLE PLATES EXCEPT THE MOUNTING HOLES ARE POSITIONED TO ATTACH TO A BENT MEMBER
 - PLATES ARE FABRICATED USING VULCAN 5052-H38 .050 GAUGE ALUMINUM
 - PLATES ARE SCREEN PRINTED WITH THERMAL SET POLYESTER INKS AND A CLEAR COAT FORMULATED FOR EXTENDED WEATHERING
 - BENT MEMBER IS FABRICATED USING VULCAN 5052-H38 .100 GAUGE ALUMINUM
 - BENT MEMBER IS TREATED USING A PROPRIETARY 7 STEP ALODINE TREATING PROCESS TO REDUCE CORROSION PROPERTIES



5/16" diameter holes



5/16" diameter holes

ADVANTAGES OF BENT STYLE OVER FRAME STYLE MARKERS

THIS STYLE MARKER ALLOWS THE BENT MEMBERS TO NEST ON EACH OTHER WHICH CREATES SEVERAL ADVANTAGES OVER THE FRAME STYLE MARKER INCLUDING:

- LESS STORAGE ROOM PRIOR TO INSTALLATION
- MORE MARKERS CAN FIT INTO A WORK TRUCK, SAVING RETURN TRIPS
- THE AERIAL PLATES CAN BE INSTALLED ON THE BENT MEMBER PRIOR TO GOING INTO THE FIELD, WHICH CREATES THE HEAD. AERIAL MARKER HEADS WILL ALSO NEST AFTER THE PLATES HAVE BEEN INSTALLED.
- CONSIDERABLE FREIGHT SAVINGS OVER THE AERIAL MARKER FRAMES DUE TO SHIPPING BY WEIGHT RATHER THAN BY VOLUME/DENSITY. AERIAL MARKER FRAMES' FREIGHT COST IS 4 TO 5 TIMES MORE PER POUND THAN BENT STYLE MARKERS.



MADE IN THE USA

VULCAN BENT MEMBER AERIAL MARKERS

TECHNICAL SPECIFICATIONS

The table below illustrates the difference in the physical strengths of commonly used Aluminum Alloys for sign making. Vulcan manufactures 5052 aluminum, which is the alloy used to manufacture Vulcan line marker signs. For more information on the manufacturing process of Vulcan Aluminum, see the Product Data Sheet for Vulcan Aluminum Line Marker Signs.

ALLOY <input type="checkbox"/>	TENSILE STRENGTH (KSI) ULTIMATE <input type="checkbox"/>	TENSILE STRENGTH (KSI) YIELD <input type="checkbox"/>	ELONGATION <input type="checkbox"/>
3003-H14	20.0	17.0	6
5005-H14	21.0	17.0	5
5052-H32	31.0	23.0	7
5052-H34	24.0	26.0	6
5052-H36	37.0	29.0	4
5052-H38	39.0	32.0	4

CHEMISTRY	HIGH LIMIT	LOW LIMIT
CHROME	.35%	.15%
COPPER	.1%	N/A
IRON	.4%	N/A
MAGNESIUM	2.8%	2.2%
MANGANESE	.1%	N/A
SILICON	.25%	N/A
ZINC	.1%	N/A



THICKNESS .051-.113 MINIMUM VALUES (KSI)

% MINIMUM IN 2 INCHES



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