

Product Specification

CURV-FLEX (CFRM400)

1. SCOPE

This specification covers the minimum material, mechanical and performance requirements of Carsonite's continuous glass reinforced Curv-Flex™ Marker (CFRM400). This product may be used to provide daytime and nighttime delineation for roadways or other marking applications requiring assured long-term outdoor durability, vandal resistance, as well as vehicle and direct tire impact resistance.

2. DESIGN

The Curv-Flex marker is a single piece marker capable of simple, permanent installation by one person using a manual driving tool. The Curv-Flex upon proper installation resists displacement from wind and vehicle impact forces. The CFRM400 has a constant curved cross sectional design which provides sheeting protection and structural rigidity. The bottom end of the marker is pointed for ease of ground penetration.

3. MATERIAL

The Curv-Flex is constructed of a durable, UV resistant, continuous glass fiber reinforced, thermosetting composite material which is resistant to impact, ozone, and hydrocarbons within a service temperature range of -40° F to +200° F.

4. SHEETING

Sheeting is specified by the ordering agency.

5. MARKING

Each Curv-Flex is permanently identified with the Carsonite name, month and year of fabrication. A black line is stamped horizontally across the front of the marker near the bottom to indicate proper burial depth.

6. DIMENSIONS

The Curv-Flex conforms to the shape and overall dimensions shown in Figure 1. The length of the post is determined by the ordering agency.

7. MECHANICAL PROPERTIES

PROPERTY	ASTM TEST METHOD	MINIMUM VALUE
Ultimate Tensile Strength	D-638	75,000 psi
Ultimate Compressive Strength	D-638	60,000 psi
Specific Gravity	D-792	1.7
% Glass Reinforcement	D2584	50%
Barcol Hardness	D2583	47

8. PACKAGING

Length (in.)	Weight (each)	Quantity/Box	Boxes/Pallet
60	2.0	25	24
72	2.4	25	24
84	2.8	25	24
96	3.2	25	24

Note: When ordered with anchors attached, 10/box

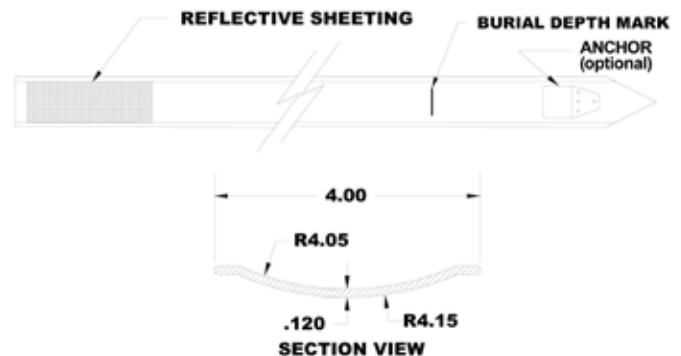


FIGURE 1

Carsonite Composites

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