Manufacturer: Magenta Corporation (design by Innopak)
Model: Airsafe
ASTM Type: VIIM

Description:

This package consists of a one piece plastic overcap and a ring that fit together on a container (Figure 1).

Figure 1

The package shown in Figure 1 is used with a pump. The overcap ring combination may be used for aerosol or pump packages. The overcap fits over an aerosol dispensing valve or a pump and the ring fits onto the container. The ring consists of two circular lips with a groove between the two lips. There is an arrow on the lower lip of the ring that matches up with two adjacent indentations separated by a small line on the upper lip (Figure 2A). On the upper lip of the ring there are two other indentations 120° away from each other and 120° away from the two adjacent indentations (Figure 2B, *note the sides have been removed to show details of the lip*).
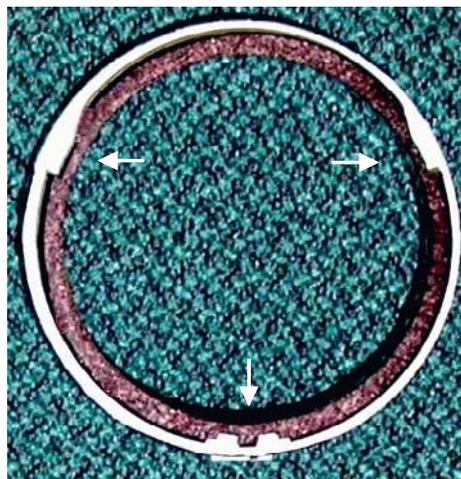
| Figure 2A | Figure 2B |

Inside the overcap there are two horizontal rims 120° apart (see the upper arrows in Figure 3) designed to fit into the two individual indentations on the upper lip of the ring. There are also two adjacent vertical rims (see lower arrow in Figure 3), which are 120° away from the horizontal rims, designed to fit into the two adjacent indentations separated by a line on the upper lip of the ring.
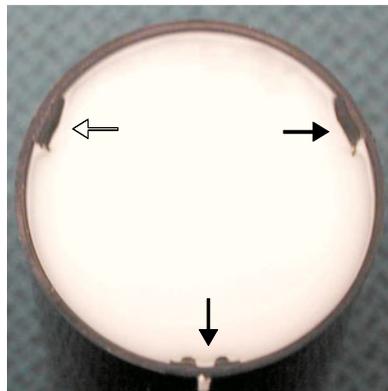

Figure 3

The outside of the overcap has a vertical line (Figure 1) that matches up with the two adjacent vertical rims on the inside of the overcap. To open the package the arrow on the lower lip of the ring and the vertical line on the overcap are lined up by holding the ring and turning the overcap, then the overcap is pulled off.

The manufacturer's instructions on the closure are (Figure 4):
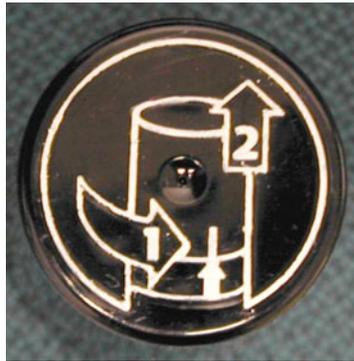
Figure 4

(This is a pictorial overcap. There is a picture of the overcap and ring with an arrow labeled 1 pointing counterclockwise to the arrow on the ring, which is aligned with the vertical line on the overcap. There is a second arrow labeled 2 on the side of the overcap in the picture pointing up.)