

Rebling 700247 Vented Filler Caps provide enhanced protection against leakage of the battery cells' electrolyte without compromising the automatic venting feature. These caps are primarily intended for use on aircraft batteries subjected to high vibration environments, but can be used interchangeably on any nickel-cadmium battery cells accepting the Rebling 700240 Vented Filler Cap.

The reduction of electrolyte leakage is accomplished by the addition of a V-shaped baffle extending below the filler cap body into the battery cell. Both the baffle and cap are molded from a polyamide material which is resistant to attack from the electrolyte. The baffle is sonically welded to the cap body insuring permanent attachment. All other features of the Vented Filler Cap are identical to Rebling's 700240 filler cap, except for color.

The O-ring and vent sleeve are molded from ethylene propylene rubber resulting in superior chemical resistance and performance stability over a wider temperature range than conventional neoprene. The rubber vent sleeves are designed to open and close between a pressure range of 2-10 psi allowing the internal gases of the battery cell to vent to the atmosphere. The Rebling 700247 Vented Filler Cap conforms to proposed U.S. Government Specification MS3510-B.



Rebling 700247 Vented Filler Caps

- Reduced electrolyte leakage
- For use on nickel-cadmium aero batteries
- Automatic venting of battery gases at 2-10 psi
- Meets proposed standard MS3510-B
- One piece molded polyamide construction with baffle sonically welded to body
- Ethylene propylene O-ring and vent sleeve

Material Specifications

Body MaterialMolded Polyamide
 Sleeve, O-ring Material ..Ethylene Propylene Rubber
 ColorBlue

Mechanical Specifications

Venting Pressure2-10 psi, at temperatures between -22° F and +75° F, after a 7-day soak in 1.30 specific gravity potassium hydroxide at +150° F.

700247 Vented Filler Cap

