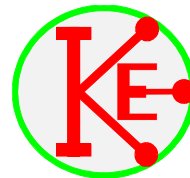


## 35mm Film Container Rocket



### Safety

This experiment causes the plastic film container to be projected into the air with some force and so can cause injury if it hits some one in the face.

### You will need:-

- An empty 35mm plastic film container  
(the ones with the overlapping cap work best)
- An original Alka-Seltzer tablet,
- a small amount of water,
- a plastic tray to contain some of the mess if done indoors

### Method

- 1). Place the Alka-Seltzer tablet in the plastic film container.
- 2). Add 2cm of water and then fit the plastic cap quickly.
- 3). Turn the plastic film container over so that it is standing on its lid and stand back. Within a few seconds, the gas pressure will have increased to such an extent that it will push the container away from the lid and propel it several metres into the air!
- 4). By replacing the Alka-Seltzer tablet back into the film container and adding a little more water, you may be able to get two or three launches from the same tablet. To ensure a good seal between the lid and the container, you may need to wipe the rim of the container to remove bits of the Alka-Seltzer tablet