

## Cohesion Discs & “Suction” Cup



**Purpose:** To demonstrate the presence and strength of atmospheric pressure.

**Location:** room 136, shelf O4

Slide the cohesion discs together while pressing them together so there is essentially no air between them when their surfaces coincide, then try (or have a student try) to pull them apart. The absence of air pressure between them permits atmospheric pressure to hold them together.

Demonstrate the suction cup by sticking it on the white board. (Don't forget to put it back in the plastic bag with the cohesion discs when finished.)